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# LETTER FROM THE PRESIDENT

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Welcome to Lewis-Clark State College!

Our world needs college graduates now more than ever, and we are delighted that you have decided to pursue your educational goals *The Warrior Way*. We know you will find LC State to be a place where our commitment to *connecting learning to life* is truly lived each and every day. From small class sizes, to faculty and staff dedicated to helping prepare you to become successful leaders, responsible citizens and lifelong learners, LC State is a place where you can **Do More** through options and opportunities that range from certificate programs, two-year associate's and four-year bachelor's degrees focused on liberal arts and sciences, professional studies, and career-technical education. We're here to engage you, to challenge you and support you as you embark on one of the most interesting, enlightening, transformative and fun journeys of your life.

Dr. Cynthia Pemberton

# INSTITUTIONAL INFORMATION

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## Historical Perspective

Lewis-Clark State College (LC State) was established by the Idaho State Legislature in 1893. It originally was designated Lewiston State Normal School, reflecting its early mission as a teacher training institution. In the ensuing years its name has been changed to North Idaho College of Education (1947), Lewis-Clark Normal School (1956) and finally LC State (1971). The state legislature and the State Board of Education authorized the latest name change in recognition of the college's expanded role as an undergraduate institution, including programs in liberal arts, professional studies and technology.

The college occupies 46 acres on historic Normal Hill in an attractive residential area of Lewiston, Idaho, a city of approximately 35,000 located at the confluence of the Snake and Clearwater rivers. Across the Snake River in Washington is Clarkston, with a population of 8,000. The beautiful campus enjoys the mildest winters in Idaho, a unique climate that is matched by a warm and friendly educational environment.

In addition to its on-campus educational opportunities, LC State offers instructional programs in Coeur d'Alene and support services in two other outreach centers located in the region. A variety of alternative learning formats is available, making higher education accessible throughout northern Idaho and eastern Washington. LC State shares a place in the state's higher education system with the University of Idaho, Idaho State University and Boise State University, which collaborate to offer an array of outstanding educational programs. The four institutions operate under a governing board appointed by Idaho's governor.

The cities of Lewiston and Clarkston, as well as the college, are named for explorers Meriwether Lewis and William Clark who led the historic 1804-06 expedition into the newly acquired Louisiana Purchase. Lewis and Clark's "Corps of Discovery" battling illness and fatigue after crossing the Bitterroot Mountains, spent several weeks recuperating near the confluence of the Snake and Clearwater rivers. The hospitable Nez Perce Indians provided food, shelter, horses and guidance as the explorers continued their journey to the Pacific.

## LC State Today

LC State is a regional state college, operating under the governance of the Idaho State Board of Education. The college offers a wide range of undergraduate academic, professional, and career & technical programs leading to baccalaureate and associate degrees. The college also offers a number of programs leading to certificates. LC State's primary emphasis areas are business, justice studies, nursing, social work, teacher preparation, and career & technical education. LC State maintains basic strengths in the liberal arts and sciences, which provide the general education core portion of the curriculum. The institution also conducts selected research studies and provides a variety of lifelong learning opportunities through its continuing education and workforce training programs. LC State works in collaboration with other state and regional postsecondary institutions to serve its diverse constituencies.

## Governance

The Idaho State Board of Education is responsible for the general supervision, governance and control of LC State and serves as its Board of Trustees.

## Cultural Diversity

LC State is committed to providing a learning environment that affords people of all ethnic and cultural backgrounds opportunities to achieve their highest educational goals. The college's educational and enrichment programs, curricula, faculty, staff and students share the goal of promoting multiethnic/multicultural awareness and acceptance on campus and within the community.

LC State continues to emphasize an ethnically and culturally diverse learning community that prepares students for successful interaction in an increasingly diverse society. The college firmly embraces the philosophy that individuals, free of ethnic and cultural prejudice, are capable of fully participating in a global society. Our commitment to a multiethnic/multicultural environment is clearly articulated in oral and written philosophies governing the recruitment, enrollment and graduation of students and the pursuit, hiring and retention of faculty and staff.

We are especially cognizant of the distinctive relationship between LC State and Native Americans because of the historical significance, proximity and frequent collaboration with the Nez Perce Tribe on projects and programs of mutual benefit.

We recognize the importance of preparing students of diverse ethnic and cultural backgrounds for full participation in an integrated society while preserving and perpetuating their many unique cultural and historical identities. LC State enhances and promotes the free exchange of ideas in an environment that celebrates the dignity, worth and contributions of all ethnic and cultural backgrounds as a means of enabling individuals to reach their potential.

# PROVOST

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## Contact Information

**Provost & Vice President for Academic Affairs:** Fred Chilson, PhD

**E-mail:** [academicaffairs@lcsc.edu](mailto:academicaffairs@lcsc.edu)

**Office:** ADM 209

**Phone:** 208-792-2213

**FAX:** 208-792-2822

**Web:** [www.lcsc.edu/academic-affairs](http://www.lcsc.edu/academic-affairs) (<http://www.lcsc.edu/academic-affairs/>)

The Provost & Vice President for Academic Affairs, reports directly to the President, serves in the President's absence, and, in collaboration with the President and in consultation with faculty, is responsible for establishing and maintaining academic standards and for developing college-wide academic policies and procedures, as well as advancing the college role and mission. The college instructional Deans report directly to the Provost & Vice President of Academic Affairs. The Provost & Vice President of Academic Affairs collaborates with other public institutions and the Idaho State Board of Education in the development and implementation of statewide higher-education academic policies.

## State Authorization

Lewis-Clark State College is authorized by the National Council for State Authorization Reciprocity Agreement (NC-SARA) and meets the requirements and minimum educational standards established for degree-granting.

The Council may be contacted at <http://nc-sara.org>

## Institutional Disclosure for Programs Leading to Professional Licensure

Per Title 34 - Education, the following programs may have pre-requisite requirements for licensure within the student's home state. Visit [academicaffairs@lcsc.edu](mailto:academicaffairs@lcsc.edu), Professional Licensure Disclosure, for the most current information.



# GENERAL INFORMATION

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## Expectations of Students

LC State faculty and administration expect that you are here to work together, learn and take responsibility for achieving college-level learning outcomes, with guidance and support from the college community. To achieve LC State's mission, we expect that you will be an active, engaged, and collaborative learner; one who fully participates in educational opportunities in the classroom and beyond, and takes advantage of the opportunities this college offers to learn with and from others.

All LC State degree-seeking students participate in the General Education Core (Core), which conforms to the Idaho State Board of Education's credit and course outcome requirements. The Core provides essential skills and knowledge that contribute to your success in your major program and in your career. These Core skills and knowledge include Integrative, Oral and Written Communication skills that are foundational to all learning; Ways of Knowing that provide diverse disciplinary frameworks for understanding ideas and solving problems; and Institutionally Designed Core courses that focus on Diversity and a culminating Values/ Ethics Interdisciplinary Capstone seminar. Through engaging fully in the General Education Core program, you will achieve and benefit from these over-arching program goals:

1. Expand knowledge and understanding of subjects and theories in the humanities, sciences, and social sciences through coursework, inquiry, and independent and collaborative research.
2. Evaluate evidence and perspectives through the application of information literacy and critical reasoning skills developed in General Education coursework.
3. Synthesize knowledge from multiple sources, perspectives, and disciplines as a way to understand real world issues, make informed decisions, and solve problems.
4. Apply ethical and critical reasoning skills to issues in student's major disciplines, to creatively and critically solve problems, and to approach new subjects and situations with an open mind.
5. Communicate effectively through listening, speaking, and writing; use those skills to share, receive, and shape knowledge; and demonstrate respect for and understanding of cultural and personal differences.

You should also become familiar with your specific major program outcomes and expectations which are outlined in the division pages of this catalog. Also, faculty will have course expectations that will guide you and encourage you to succeed in class, labs, and internships.

Certain habits and attitudes help successful students meet both General Education and major program outcomes. We encourage you to:

1. Approach college coursework with an inquiring mind, prepared to explore value systems and make personal changes that will accommodate a broad view of life and the human condition;
2. Apply the learning skills necessary to satisfactorily complete entry level course work; access college support services as needed to develop those skills;
3. Recognize that the quality and quantity of effort you devote to your education will directly affect your future personal and professional success;
4. Understand that college provides the opportunity to lay the foundation for the rest of your life; and
5. Use this catalog along with other resources when designing, planning and implementing appropriate degree programs.

## Assessment

Assessment is an integral part of the educational process at LC State and accurate feedback is an important tool in continuously improving the college's institutional programs. Students can expect to participate in assessment activities prior to entry into programs, within specific courses and following program completion for specific fields of study.

## Accreditation

LCSC is accredited by the Northwest Commission on Colleges and Universities:

8060 165th Avenue, Suite 100 Redmond, WA 98052-3981 425-558-4224

### Specialized Accreditations and Memberships

- Commission on Accreditation of Allied Health Education Programs (CAAHEP): Medical Assistant
- Commission on Collegiate Nursing Education (CCNE): BSN Program
- Council for the Accreditation of Educator Preparation (CAEP): Teacher Education programs
- International Accreditation Council for Business Education (IACBE): Baccalaureate programs in Business Administration and General Business
- Joint Review Committee on Education in Radiologic Technology (JRCERT): Radiographic Science

- National Automotive Technicians Education Foundation (NATEF): Collision Repair Technology and Automotive Mechanics Technology
- National Council on Social Work Education (NSWE): Social Work

## Force of Publication

Catalogs, bulletins, course, and fee schedules, etc. are not to be considered binding contracts between LC State and students. The college reserves the right at any time, without notice, to:

1. Withdraw or cancel classes and programs
2. Change fee schedules
3. Change the academic calendar
4. Change admission and registration requirements
5. Change the regulations and requirements governing instruction in, and graduation from, the college and its various programs
6. Change any other regulation affecting students

Changes shall go into force whenever the proper authorities so determine, and shall apply not only to prospective students, but also to those who are enrolled, degree-seeking students at the time changes are announced. In the event that an instructional program is withdrawn, the college will make a reasonable effort to ensure that students who are within two years of completing baccalaureate program requirements, or one year of completing associate degree requirements, and who are making normal progress toward the completion of those requirements, will have the opportunity to complete any program which is to be withdrawn. Effort has been taken to assure the accuracy of this catalog. Students are advised, however, that such information is subject to change without notice. Changes are updated in the official online catalog: <http://catalog.lcsc.edu>.

## Nondiscrimination

It is the policy of LC State to provide equal educational and employment opportunities, services and benefits to students and employees in accordance, where applicable, with provisions of Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, the Vocational Rehabilitation Act of 1973 and other state and federal laws and regulations concerning employment, admission to programs or the operation of educational programs and activities. Inquiries about the application of these regulations to the college may be directed to its Affirmative Action Office, or the Director, Office of Civil Rights, US Department of Health, Education and Human Services.

## Americans with Disabilities

### Statement on Compliance and Service

LC State welcomes people with disabilities in all phases of campus life. The institution adheres to section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act in making reasonable modifications of policies, practices and procedures to ensure that no one is excluded from, or denied the benefits of, educational opportunities solely on the basis of disability. For information, contact Student Disability Support Services, 792-2211.

## Student Right to Know and Campus Security Act

The Student Right to Know and Campus Security Act, public law 101-542, provides that institutions of higher education disclose information about campus safety policies and procedures to current and prospective students and employees. Pursuant to that requirement, LC State has developed campus safety information. Current copies of these reports are available through the Security Office and the college's web site <http://www.lcsc.edu/media/513130/cleryreport.pdf>

## Institutional Role and Mission

*(Approved by the State Board of Education in 2017)*

### Mission

Lewis-Clark State College prepares students to become successful leaders, engaged citizens, and lifelong learners.

## Catalog Publication

Volume: 2023-2024

Date of Publication: July 1, 2023

# GENERAL EDUCATION

## General Education Requirements

General Education (also known as Core) classes are an essential part of study in any area at Lewis-Clark State College. These courses provide universal skills and knowledge contributing to success in the major programs and in employment after graduation. They also provide means for discovery of new interests and perspectives.

### General Education Program Frameworks

- Disciplinary Ways of Knowing
- Ethics and Values
- Diversity and Cultural Sensitivity
- Critical Analysis and Problem Solving
- Information Literacy
- Effective Communication

Through its course offerings in Integrative Skills (Oral and Written Communication), Ways of Knowing (Mathematical, Scientific, Humanistic and Artistic, Social and Behavioral), Diversity, and Interdisciplinary Capstone, the General Education Core provides students with opportunities to develop, evaluate, apply, and communicate knowledge through the following skills and habits of mind -

### Skills and Habits of Mind

- EXPAND knowledge and understanding of subjects and theories in the humanities, sciences, and social sciences through coursework, inquiry, and independent and collaborative research.
- EVALUATE evidence and perspectives through the application of information literacy and critical reasoning skills developed in General Education coursework.
- SYNTHESIZE knowledge from multiple sources, perspectives, and disciplines as a way to understand real world issues, make informed decisions, and solve problems.
- APPLY ethical and critical reasoning skills to issues in students' major disciplines, to creatively and critically solve problems, and to approach new subjects and situations with an open mind.
- COMMUNICATE effectively through listening, speaking and writing; use those skills to share, receive, and shape knowledge; and demonstrate respect for and understanding of cultural and personal differences.

LCSC's General Education (Core) courses conform to the Idaho State Board of Education's credit and course requirements. There are eight competency areas. The first six are Idaho State Board of Education General Education Matriculation (GEM) requirements. The last two are specific to Lewis-Clark State College. The areas are:

- Written Communication
- Oral Communication
- Mathematical Ways of Knowing
- Scientific Ways of Knowing
- Humanistic and Artistic Ways of Knowing
- Social and Behavioral Ways of Knowing
- Diversity
- Integrative Seminar (Interdisciplinary Capstone)

For more detail about the Idaho State Board of Education competency areas, please see the Governing Policies and Procedures, Section III.N 'Statewide General Education (<https://boardofed.idaho.gov/board-policies-rules/board-policies/higher-education-affairs-section-iii/iii-n-general-education/>).'

## General Education Core Requirements 2023-2024

### Written Communication - GEM 1

Code	Title	Credits
English - 6 credits required		
ENGL-101	WRITING AND RHETORIC I	3.00

ENGL-102	WRITING AND RHETORIC II	3.00
ENGL-109	COLLEGE WRITING AND RESEARCH	6.00

**Oral Communication - GEM 2**

Code	Title	Credits
Communication - 3 credits required		
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	3.00
COMM-203	SMALL GROUP COMMUNICATION	3.00
COMM-204	PUBLIC SPEAKING	3.00

**Mathematical Ways of Knowing - GEM 3**

Code	Title	Credits
Math - 3-5 credits required		
MATH-123	MATH IN MODERN SOCIETY	3.00
MATH-130	FINITE MATHEMATICS	4.00
MATH-143	COLLEGE ALGEBRA	3.00
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	5.00
MATH-153	STATISTICAL REASONING	3.00
MATH-170	CALCULUS I	4.00
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	3.00
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	4.00
MTHPT-130	FINITE MATHEMATICS	3.00
MTHPT-137	MATH FOR TECHNOLOGY	4.00
MTHPT-153	STATISTICAL REASONING	3.00

**Humanistic & Artistic Ways of Knowing - GEM 5**

Code	Title	Credits
Select one course from two categories - 6-8 credits required		
English Literature		
ENGL-175	LITERATURE AND IDEAS	3.00
ENGL-257	WORLD CLASSICS	3.00
ENGL-258	INTERNATIONAL LITERATURE	3.00
ENGL-260	NATIVE AMERICAN LITERATURE	3.00
ENGL-261	MYTHOLOGIES	3.00
Arts		
ART-100	INTRODUCTION TO ART	3.00
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	3.00
HUM-150	INTRODUCTION TO THE ARTS	3.00
MUS-101	SURVEY OF MUSIC	3.00
MUS-102	MUSIC IN AMERICA	3.00
MUS-150	WORLD MUSIC	3.00
MUS-151	HISTORY OF MUSICAL THEATER	3.00
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES	3.00
THEA-101	SURVEY OF THE THEATER	3.00
Language		
NP-101	NEZ PERCE LANGUAGE AND CULTURE	4.00
NP-102	NEZ PERCE LANGUAGE AND HISTORY	4.00
SPAN-101	ELEMENTARY SPANISH I	4.00
SPAN-102	ELEMENTARY SPANISH II	4.00

**Scientific Ways of Knowing - GEM 4**

Code	Title	Credits
Select one course from two disciplines. One must be a lab. 7-8 credits required		
BIOF-100	INTRODUCTION TO BIOINFORMATICS	3.00

BIOL-100	CONCEPTS OF BIOLOGY	4.00
BIOL-120	PLANTS AND PEOPLE	4.00
BIOL-123	BIOLOGY IN FILM	3.00
BIOL-175	HUMAN BIOLOGY	4.00
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	4.00
CHEM-100	CONCEPTS OF CHEMISTRY	4.00
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	4.00
CHEM-111	PRINCIPLES OF CHEMISTRY I	4.00
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE	4.00
CS-108	INTRODUCTION TO COMPUTER SCIENCE	4.00
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE	4.00
GEOL-101	PHYSICAL GEOLOGY	4.00
GEOL-120	INTRODUCTION TO EARTH SYSTEMS	4.00
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS	4.00
ID-240	INTEGRATED SCIENCE II	4.00
NS-140	INTEGRATED SCIENCE I	4.00
NS-150	INTRODUCTION TO NATURAL SCIENCES	3.00
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR	4.00
PHYS-111	GENERAL PHYSICS I	4.00
or PHYS-112	GENERAL PHYSICS II	
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS	4.00
PHYS-205	DESCRIPTIVE ASTRONOMY	4.00
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I	5.00

### Social & Behavioral Ways of Knowing - GEM 6

Code	Title	Credits
Select one course from two disciplines. 6 credits required		
ANTH-102	CULTURAL ANTHROPOLOGY	3.00
ANTH-120	WORLD PREHISTORY	3.00
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	3.00
ECON-201	PRINCIPLES OF MACROECONOMICS	3.00
ECON-202	PRINCIPLES OF MICROECONOMICS	3.00
GEOG-102	INTRODUCTION TO GEOGRAPHY	3.00
HIST-101	WORLD HISTORY I	3.00
HIST-102	WORLD HISTORY II	3.00
HIST-111	UNITED STATES HISTORY I	3.00
HIST-112	UNITED STATES HISTORY II	3.00
HRPT-184	DIVERSITY IN ORGANIZATIONS	3.00
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	3.00
POLS-101	AMERICAN NATIONAL GOVERNMENT	3.00
POLS-237	INTERNATIONAL POLITICS	3.00
POLS-285	COMPARATIVE GOVERNMENT	3.00
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	3.00
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	3.00
SOC-101	INTRODUCTION TO SOCIOLOGY	3.00
SOC-102	SOCIAL PROBLEMS	3.00
SS-184	DIVERSITY IN ORGANIZATIONS	3.00
SS-185	HUMAN RELATIONS IN ORGANIZATIONS	3.00

### Diversity - GEM 7

Code	Title	Credits
Select one course. Some courses may be listed in other core areas, but may only count once. 3 credits required		
ANTH-102	CULTURAL ANTHROPOLOGY	3.00

ANTH-120	WORLD PREHISTORY	3.00
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	3.00
ANTH-360	RACE AND ETHNICITY	3.00
COMM-345	INTERCULTURAL COMMUNICATION	3.00
ENGL-258	INTERNATIONAL LITERATURE	3.00
ENGL-260	NATIVE AMERICAN LITERATURE	3.00
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE	3.00
GEOG-102	INTRODUCTION TO GEOGRAPHY	3.00
HIST-101	WORLD HISTORY I	3.00
HIST-102	WORLD HISTORY II	3.00
HIST-111	UNITED STATES HISTORY I	3.00
HIST-112	UNITED STATES HISTORY II	3.00
HRPT-184	DIVERSITY IN ORGANIZATIONS	3.00
ID-300C	ETHICS AND IDENTITY	3.00
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS	3.00
NP-101	NEZ PERCE LANGUAGE AND CULTURE	4.00
NP-102	NEZ PERCE LANGUAGE AND HISTORY	4.00
POLS-285	COMPARATIVE GOVERNMENT	3.00
SOC-101	INTRODUCTION TO SOCIOLOGY	3.00
SPAN-101	ELEMENTARY SPANISH I	4.00
SPAN-102	ELEMENTARY SPANISH II	4.00
SPAN-201	INTERMEDIATE SPANISH I	4.00
SPAN-202	INTERMEDIATE SPANISH II	4.00
SS-184	DIVERSITY IN ORGANIZATIONS	3.00

**Integrative Seminar: Ethics/Values - GEM 8**

Code	Title	Credits
Select one course. 3 credits required		
ID-300A	ANIMALS AND SOCIETY	3.00
ID-300B	ART AND CENSORSHIP	3.00
ID-300C	ETHICS AND IDENTITY	3.00
ID-300D	ETHICS AND ECOLOGY	3.00
ID-300E	ETHICS AND TECHNOLOGY	3.00
ID-300F	GENDER AND CULTURE	3.00
ID-300G	HEALTH INTEGRATIVE SEMINAR	3.00
ID-300H	LAW AND SOCIETY	3.00
ID-300J	TERRORISM CONTEMPORARY ERA	3.00
ID-300K	VALUES AND SPORTS	3.00
ID-300L	VIETNAM	3.00
ID-300M	VULNERABLE POPULATIONS	3.00
ID-300N	WILDERNESS	3.00
ID-300P	DISEASES AND SOCIETY	3.00
ID-300Q	ECONOMICS OF GOOD AND EVIL	3.00
ID-300R	LEADERSHIP AND ETHICS	3.00
ID-300S	NORTHWEST CULTURE/HISTORY/LITERATURE	3.00
ID-300T	PROPAGANDA	3.00
ID-300U	WOMEN IN THE 20TH CENTURY	3.00
ID-300V	GANDHIAN ETHICS AND VALUES	3.00
ID-300W	ETHICS OF FOOD AND AGRICULTURE	3.00
ID-300X	ETHICS: CIVIL RIGHTS MOVEMENTS	3.00
ID-301A	HELLS CANYON INSTITUTE	3.00

# LIBRARY

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## Contact Information

**Chair:** Johanna Bjork, MLS

**E-mail:** [jcbjork@lcsc.edu](mailto:jcbjork@lcsc.edu)

**Office:** LIB 119

**Phone:** 208-792-2395

**FAX:** 208-792-2831

**Web:** <http://www.lcsc.edu/library> (<http://www.lcsc.edu/library/>)

The Library provides research resources, services, technology, and spaces to support student and faculty research. Library hours are posted on the Library's webpage (<https://lcsc.libguides.com/hours/>) and at the building's entrance.

The Library maintains a collection of print and electronic resources (eResources). The Library offers over 64,755+ print resources which includes books, magazines, journals, and newspapers. The Library website (<https://www.lcsc.edu/library/>) provides access to over 33,186+ eBooks, 47,541+ streaming films, and 80,797+ eResources (journals, newspapers, and magazines). The Library has 35 desktop computers, 25+ laptop computers (for checkout), Wi-Fi hotspots (for checkout), Wi-Fi (in the building), wireless printing, color printer, two scanners, and 8 study rooms. (<https://lcsc.libcal.com/reserve/studyrooms/>)

## Library Collections and Information

The Library collections are comprised of print and eResources, books, curriculum materials (primarily K-12), media, government documents, microfilms and serials. Special collections include the Lewis-Clark Centennial Collection of Pacific Northwest materials; children and young adult literature; elementary and secondary curriculum, the College Archives (<https://www.lcsc.edu/library/about/archives/>), and the Allan H. Smith Collection. The Library also serves as a partial depository for federal electronic documents. The Library subscribes to essential academic databases for undergraduate research to meet curricular and program needs. Resources that are not available in the Library collections can often be obtained through interlibrary loan. Interlibrary loan (<https://www.lcsc.edu/library/about/interlibrary-loan/>) is a service offered to LC students, faculty, and staff.

Eresources which include 33,186+ eBooks, 47,541+ streaming films, and 80,797+ (journals, newspapers, and magazines) are accessible to current LC State students, faculty, and staff off-campus. Visit the Library's Off-Campus Access (<https://www.lcsc.edu/library/student-resources/off-campus-access/>) information page for further details and log in information.

The Library Advisory Committee (<https://www.lcsc.edu/library/about/library-advisory-committee/>) meets twice a semester. The Committee is comprised of two division faculty, a student, eLearning representative, Institution Research representative, and the Library Director.

The Library is a member of Libraries of the Inland Northwest (LINC), OCLC (Online Computer Library Center), and NIAL (Network of Idaho Academic Libraries) (<https://idahoacademiclibraries.org/>).

WarriorOne card (LC Student ID) (<https://www.lcsc.edu/sub-csl/campus-information-desk/warriorone-card/>) are required to check out materials.

## Research Assistance and Instruction

Librarians advise, instruct, and assist patrons on the effective use of resource materials in both print and electronic formats. Individualized instruction is available to support research needs including the development of research strategies, resource identification, and evaluation. Research Appointments (<https://lcsc.libcal.com/appointments/>) are available via Zoom or in person. To meet the student's research needs and provide self-paced in-depth instruction, the Library offers online tutorials and students can ask a questions (24/7) using Ask a Librarian! (<https://lcsc.libanswers.com/>)

The Library employs a variety of instructional methods to help students develop the full range of information literacy skills needed to succeed in their courses and meet the expectations of their future employers. Together with division faculty, the librarians develop assignment-related instruction (<https://lcsc.libguides.com/instructional-support/>) and subject guides. (<https://lcsc.libguides.com/>)

## Other LC State offices located in the Library and Library Building

- Accessibility Services (LIB 163) (<https://www.lcsc.edu/accessibility-services/>)
- Spanish Lab (LIB 172) (<https://www.lcsc.edu/humanities/spanish-lab/>)
- Student Success Center (LIB 173) (<https://www.lcsc.edu/student-success-center/>)
- Testing Center (LIB 161) (<https://www.lcsc.edu/testing-center/>)
- Warrior Pantry (LIB 129) (<https://www.lcsc.edu/sub-csl/campus-food-pantry/>)
- Writing Center (LIB 172) (<https://www.lcsc.edu/writing-center/>)

## Contact

For more information please visit the Circulation desk or our webpage at <https://www.lcsc.edu/library> (<https://www.lcsc.edu/library/>), call 208-792-2396, or email [library@lcsc.edu](mailto:library@lcsc.edu). (<http://catalog.lcsc.edu/professional-studies/library/library@lcsc.edu.html>)



# AFFILIATE PROGRAM

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## North Idaho Higher Education

North Idaho Higher Education (NIHE) represents a consortium of five Idaho higher education institutions which cooperate to deliver post-secondary education/training across Region 1. These five institutions are *Lewis-Clark State College*, *North Idaho College*, *University of Idaho*, *Idaho State University* and *Boise State University*. Collectively, these five schools offer nearly one hundred different degree programs in Coeur d'Alene, Idaho. In addition to offering a variety of degree programs (associate to doctorate), to nearly 5,000 students, NIHE ensures that student transfer processes are streamlined and student services are accessible to all consortium students. North Idaho Higher Education regionally markets and promotes Idaho higher education and training opportunities across the Inland Northwest. The consortium is directed by a Local Operation's Council (LOC) and supported by subcommittees, which consist of members from all partnering institutions.

**Contact:** [www.northidahohighereducation.org](http://www.northidahohighereducation.org) (<http://www.idahogoes.org>)

## Physical Therapist Assistant Consortium Program

**LC State Advisor:** Jacob Hornby

**E-mail:** [jmhornby@lcsc.edu](mailto:jmhornby@lcsc.edu)

**Office:** MLH 211

**Phone:** 208-792-2441 or 208-792-2225

**Website:** <http://www.lcsc.edu/career-technical-education/physical-therapist-assistant-program/>

The Idaho Physical Therapist Assistant Consortium Program at LC State prepares students for employment as physical therapist assistants (PTA). The PTA functions through the direction of a physical therapist (PT) to implement the PT's plan of care. The ultimate goal of physical therapy is to aid patients and clients in their return to maximal function. PTA students are instructed in thinking processes and skills such as therapeutic exercise, orthopedic and neurological interventions, therapeutic modalities, and the art of patient care. In addition to patient treatment courses, students study the basic sciences of anatomy, physiology, clinical pathology, and kinesiology. Clinical education experiences are integrated throughout the curriculum and offer students the opportunity to practice the techniques learned and practiced each semester. The program is designed to be completed in two years following the completion of necessary prerequisites.

## Dental Hygiene Program

**LC State Advisor:** Jacob Hornby

**E-mail:** [jmhornby@lcsc.edu](mailto:jmhornby@lcsc.edu)

**Office:** MLH 211

**Phone:** 208-792-2441 or 208-792-2225

**Website:** <http://www.lcsc.edu/career-technical-education/physical-therapist-assistant-program/>

In collaboration with Lewis-Clark State College, the North Idaho College Dental Hygiene Program prepares students for entry into the dental hygiene profession as licensed clinicians (Registered Dental Hygienist – RDH). Dental Hygienists provide preventive, therapeutic, restorative, and additional procedures to control oral disease and promote optimal oral health. The Dental Hygiene program includes instruction in dental anatomy, microbiology, and pathology; dental hygiene theory and techniques; dental materials; radiology; patient education and counseling; and office management and professional standards. Clinical education experiences are integrated throughout the curriculum and offer students the opportunity to gain competency through practice each semester.

The program is designed to be completed through North Idaho College in two years, following the completion of necessary prerequisites at LC State or another accredited college or university. Graduates will be eligible to take the National Dental Hygiene Board Examination (NBDHE), and the regional and or state clinical and local anesthesia examinations. Applicants are encouraged to contact North Idaho College or the State Board of Dentistry in the states in which they wish to practice, for individual licensing -requirements.

## Medical Laboratory Technology

**LC State Advisor:** Jacob Hornby

**E-mail:** [jmhornby@lcsc.edu](mailto:jmhornby@lcsc.edu)

**Office:** MLH 211

**Phone:** 208-792-2441 or 208-792-2225

**Website:** <http://www.lcsc.edu/career-technical-education/physical-therapist-assistant-program/>

In collaboration with Wenatchee Valley College, the Medical Lab Technology (MLT) program prepares students for employment as technicians in a medical laboratory, work in medical research, industrial or veterinary laboratories, or medical supply and equipment sales. Technicians work together with medical technologists and pathologists and typically have less direct contact with patients. MLTs perform a great variety of scientific laboratory procedures, utilizing automated computerized instrumentation, all of which aid in the detection, diagnosis, and treatment of disease.

The program is designed to be completed in two years following completion of necessary pre-requisites. Pre-requisites can be completed on the LC State campus. Students accepted to the MLT program will complete coursework through live, virtual delivery and clinical requirements in the LC Valley or surrounding communities.

# CAREER & TECHNICAL EDUCATION

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## Contact Information

**Dean for Career & Technical Education:** Jeffrey Ober, EdD

**E-mail:** [cte@lcsc.edu](mailto:cte@lcsc.edu)

**Office:** MTB 101

**Phone:** 208-792-2225

**FAX:** 208-792-2816

**Web:** <http://www.lcsc.edu/career-technical-education/>

Career & Technical Education offers professional and technical training through a formalized array of educational experiences that will prepare individuals for gainful employment as semi-skilled workers, skilled workers, or technicians in recognized and in new and emerging occupations. It also prepares individuals for enrollment in advanced technical education programs.

## Organization

**Career & Technical Education** programs are organized into units to carry out the role and mission. The Division of **Business Technology and Service** provides instruction, training, and degree programs in office, hospitality, graphics, early childhood and other paraprofessional (legal, medical) occupations. The Division of **Technical and Industrial** provides applied training and degrees in auto mechanics, CNC machining, collision repair, diesel, engineering technology, fire service technology, HVAC-R, industrial electronics, information technology, millwright, and welding. **Workforce Training** provides education and training opportunities in all areas of industry, allied health, professional/business technology, and government agencies. The **Adult Learning Center** provides quality instruction in reading, writing, math, and the English Language to help adults transition into college and/or prepare for the GED tests. The **Learning Resource Center** supports students by providing study skills & college success strategies, a computer lab, free tutoring, and workshops. **Advanced Opportunities** allows high school students to earn competency based technical college credits for their high school technical coursework. Career & Technical Education also offers two Affiliate Programs: Physical Therapist Assistant (<http://www.lcsc.edu/career-technical-education/physical-therapist-assistant-program/>) and Dental Hygiene (<https://www.lcsc.edu/career-technical-education/dental-hygiene/>) through North Idaho College.

## Business Technology and Service Division

### Contact Information

**Chair & Assistant Dean of Career & Technical Education:** Michelle L. Nelson, M.Ed.

**E-mail:** [bts@lcsc.edu](mailto:bts@lcsc.edu)

**Office:** Sam Glenn Complex 200

**Phone:** 208-792-2466

**Web:** <http://www.lcsc.edu/business-technology/>

**The Business Technology and Service (BTS) Division is a community of professionals whose mission is to empower students to learn what they want to do and how to do it well.**

**The BTS faculty and staff accomplish this by:**

- Creating a student-centered atmosphere
- Providing work-relevant learning environments
- Developing knowledge, skills, and professional attitudes
- Providing work-based training through internships, live shop, and clinical experiences
- Creating life-long learners
- Continually upgrading applied curriculum
- Utilizing active, career-specific advisory committees
- Providing in-depth advising and mentoring

#### Program Admission and Degree Requirements

The division's instructional programs emphasize education AND training. Our industry-trained faculty teach skills that are critical to functioning on the job. Instruction is based upon specific competencies that are derived from the faculty's collaboration with industry partners. As a result, students are given timely and relevant information to prepare them for the workplace.

In addition to fun, hands-on coursework, students are given practical on-the-job experience gained through a supervised internship, practicum, or clinical study. Advising of students is a high priority in the BTS Division. Faculty are readily available to meet with students to offer their assistance whenever needed.

Our Division programs have the following entrance requirements:

Program Name	Writing Placement Exam	ALEKS Math
Administrative Assistant	1	14
Administrative Medical Assistant	1	14
Applied Accounting	1	14
Business Management & Marketing	1	14
Early Childhood Development	1	14
Graphic Communications	1	14
Hospitality Management	1	14
Legal Support Programs	1	14
Medical Assistant	1	14
Web Design & Development	1	14

**Prior Learning Assessment:** Students who have a strong background of work experience or education are encouraged to discuss that information with their faculty advisors and could have the opportunity to challenge some academic courses.

**Class Attendance:** Because attendance is important in the workplace, it will be emphasized as a class requirement. Many classes have limited spaces or equipment available; therefore, if students do not attend class, they may lose their class space to another student who is on a waiting list.

**Student Clubs:** Students are encouraged to assist in the development of new clubs in coordination with their program advisors.

#### **ACCPT-101 BASIC ACCOUNTING I 3.00 Credits**

This course is an introduction to accounting procedures for individual proprietorship businesses. Emphasis is on the accounting cycle, double-entry accounting, payroll, and procedures for handling transactions associated with both service and merchandising businesses. Students will practice proper accounting procedures manually and/or on spreadsheet software. It is also helpful to those who want to upgrade business skills for improved employability. Cross-listed with GNBPT-101.

#### **ACCPT-102 BASIC ACCOUNTING II 3.00 Credits**

This course is a continuation of Basic Accounting I. Emphasis is on the accounting cycle, double-entry accounting, bad debts, merchandise inventory, fixed assets, depreciation, voucher system, departmental accounting, and manufacturing accounting in general associated with both service and merchandising businesses. Students will practice proper accounting procedures manually and/or on spreadsheet software. It is also helpful to those who want to upgrade business skills for improved employability. Pre-requisite: ACCPT-101 with a grade of 'C-' or higher.

#### **ACCPT-105 PAYROLL ACCOUNTING 3.00 Credits**

Payroll accounting systems, procedures, and time-keeping methods to comply with current laws and regulations. A comprehensive 'real-life' project will play a significant role in this course. Pre-requisite: ACCPT-101 or AC-231.

#### **ACCPT-190 DIRECTED STUDY IN ACCOUNTING 1.00-6.00 Credits**

#### **ACCPT-191 WORKSHOP IN ACCOUNTING 1.00-6.00 Credits**

#### **ACCPT-192 SPECIAL TOPICS IN ACCOUNTING 1.00-6.00 Credits**

#### **ACCPT-214 COMPUTERIZED ACCOUNTING I 3.00 Credits**

Introduction to computerized accounting using current accounting software. The course integrates the normal accounting cycle for a service and merchandise business into a computerized information system. Topics include accounts receivable, accounts payable, bank reconciliations, and end-of-period procedures. Pre-requisite: ACCPT-101 or equivalent.

#### **ACCPT-215 COMP ACCOUNTING II 3.00 Credits**

This course goes in depth teaching computer accounting with QuickBooks Online. This accounting information system will illustrate how to record accounting transactions for a service/merchandising company. The student will complete an in-depth practice set that will closely simulate the duties of a bookkeeper for a small business in the real world. Accounting topics covered are chart of accounts, accounts receivable, accounts payable, inventory, payroll, and financial statements. Pre-requisite: ACCPT-214 with a grade of 'C-' or higher.

#### **ACCPT-231 PRINCIPLES OF ACCOUNTING I 3.00 Credits**

Surveys accounting principles, practices, and decision making in organizations. Addresses topics of managerial, financial, not-for-profit, taxation, and international accounting. Develops and applies analytic accounting skills and techniques to management decision making. Continued in AC-232 Principles of Accounting II. Cross-listed with AC-231.

#### **ACCPT-232 PRINCIPLES OF ACCOUNTING II 3.00 Credits**

A continuation of AC-231. Pre-requisite: A grade of 'C-' or better in AC-231 or ACCPT-231. Crosslisted with AC-232.

**ACCPT-234 MANAGERIAL ACCOUNTING FOR THE HOSPITALITY INDUSTRY 3.00 Credits**

This course is an introduction to basic financial accounting concepts and practice applicable to resort and hospitality organizations using the industry's uniform system of accounting. Key accounting concepts and the selective application of its most effective strategies and tactics are mission critical factors for most hospitality operations. Students participate in real-world, hands-on managerial accounting in a hospitality setting.

**ACCPT-235 COST ACCOUNTING 3.00 Credits**

This course provides a study of budgeting and cost control systems including a detailed study of manufacturing cost accounts and reports, job order costing, and process costing. It includes an introduction to alternative costing methods such as activity based and just-in-time costing as well as historical cost systems, work in process inventories, material and labor control, multiple products, budgeting, applying overhead, standard costs, direct costs, evaluating profit performance, and distribution costs. These courses are offered at the 200 level with an option to take at the 300 level with a research project in addition to the 200 level course load. Prerequisite: ACCPT-231.

**ACCPT-236 MANAGEMENT ACCOUNTING IN HEALTHCARE ORGANIZATIONS 3.00 Credits**

This course focuses on the financial management of healthcare organizations and covers concepts in managerial accounting and finance that are critical to decision-making. These topics include evaluation of capital investment decisions, sources of financing, managerial accounting concepts (including cost behavior, profit analysis, and incremental analysis), reimbursement under various third-party payer environments, cost allocation and government program reporting. Pre-requisite: AC-231.

**ACCPT-260 ACCOUNTING INFORMATION SYSTEMS 3.00 Credits**

The objective of this course is to become familiar with how accounting information systems should function, regardless of the particular software used. This course emphasizes the practical application of accounting information systems concepts and will lead to understanding accounting information systems risks and controls so that you are capable of helping to solve issues related to the system or assist in implementing a new system. Quickbooks and Excel are an integral part of this course. During the course of the semester, students will engage in hands on problem solving through the use of technology as an analytical tool. These courses are offered at the 200 level with an option to take at the 300 level with a research project in addition to the 200 level course load. Prerequisite: ACCPT-231.

**ACCPT-280 BASIC AUDIT SUPPORT 3.00 Credits**

This course is designed to provide an introduction to basic auditing and audit support functions. The objectives include becoming familiar with principles and practices used by public accountants and internal auditors in examining financial statements and supporting data. Students will be studying the techniques available for gathering, summarizing, analyzing and interpreting the data presented in financial statements and procedures used in verifying the fairness of the information. Ethical and legal aspects and considerations are also emphasized. Pre-requisite: AC-232.

**ACCPT-285 BASIC INCOME TAX PREPARATION 3.00 Credits**

This course will provide students with the basic knowledge to prepare and file individual and business taxes, by using a step by step approach and real-world examples to reinforce their knowledge. The main focus of this class will be the individual income tax return and the sole proprietor business tax return including the schedule C. The tax return is broken down by tax entities and then by subject in order of the tax forms in easy to follow step-by-step instructions. Students will complete examples of returns using actual tax forms. Pre-requisite: ACCPT-101.

**ACCPT-290 DIRECTED STUDY IN ACCOUNTING 1.00-6.00 Credits****ACCPT-291 WORKSHOP IN ACCOUNTING 1.00-6.00 Credits****ACCPT-292 SPECIAL TOPICS IN ACCOUNTING 1.00-6.00 Credits****ACCPT-294 INTERNSHIP IN BOOKKEEPING 1.00-12.00 Credits**

Internship in Bookkeeping.

**ACCPT-294A INTERNSHIP IN BOOKKEEPING I 1.00-6.00 Credits**

Internship in Bookkeeping.

**ACCPT-294B INTERNSHIP IN BOOKKEEPING II 1.00-6.00 Credits**

Continuation of ACCPT-294A as a 200-level Internship in Bookkeeping.

**ACCPT-294C INTERNSHIP IN BOOKKEEPING III 1.00-6.00 Credits**

Continuation of ACCPT-294B as an intermediate 200-level Internship in Bookkeeping.

**ACCPT-294D INTERNSHIP IN BOOKKEEPING IV 1.00-6.00 Credits**

Continuation of ACCPT-294C as an intermediate to advanced 200-level Internship in Bookkeeping.

**ACCPT-299 BOOKKEEPING/ACCOUNTING CAPSTONE 3.00 Credits**

This course is a required course for the Bookkeeping/Accounting program. Students will review and practice all the financial accounting skills learned throughout the program. In-depth study of the key accounting functions required for companies with up to 100 employees; includes adjustments and error correction, payroll and depreciation, inventory accounting, internal controls, and fraud prevention. This course helps prepare students for the American Institute of Professional Bookkeepers (AIPB) Professional Bookkeeping Certification and the AIPB independently graded practice tests will serve as the required Technical Skills Assessment (TSA). This is the final course in the Bookkeeping/Accounting program and should be taken during the student's last term.

**AHLTH-105 INFECTION PREVENTION 2.00 Credits**

This course is an introduction to concepts regarding infection/prevention and control with major emphasis on the blood-borne pathogens HIV and Hepatitis B. Modes of transmission, prevention and OSHA standards for blood-borne pathogens, basic pathophysiology of HIV and Hepatitis B, and current treatments will be defined. Psychosocial, legal, and ethical issues about these diseases will also be discussed.

**AHLTH-110 OVER THE COUNTER/HERBAL MEDICATIONS 2.00 Credits**

This course provides an overview of the significance of over the-counter (OTC) and herbal drug therapy in our society. The role of the pharmacy technician in selling and providing information about OTC and herbal therapy will be reviewed. Therapeutic drug classifications, indications, dosage forms, major ingredients, common side effects, and significant drug interactions will be covered for OTC drugs. For herbal medications, students will learn to associate the names of herbal medications with common uses, recognize potential adverse effects, and be aware of potential drug interactions between herbs and conventional medication. Federal regulation of OTC and herbal medications will be reviewed.

**AHLTH-130 INTRODUCTION TO ALLIED HEALTH 2.00 Credits**

This course introduces students to careers in health care. Course content includes: characteristics of health care personnel, personal assessment as a health care worker, levels of education required for various occupations, certification, and licensing, health care systems, health care terms, philosophy and continuity of care, overview of medical law and ethics, employment rights and responsibilities, current issues and trends in health care, and legislative and economic influences in the delivery of health care services.

**AHLTH-139 NURSING ASSISTANT 3.00 Credits**

Classroom and clinical instruction involving the roles and responsibilities of providing basic nursing care to clients. Successful completion qualifies the student to take the Nursing Assistant skills and written examinations, which are required for placement on the Idaho Nursing Assistant Registry.

**AHLTH-144 PHLEBOTOMY 3.00 Credits**

Learn the skills of drawing blood for transfusion, diagnosis, or experiment. Covers the responsibility of communication, human relations, and safety.

**AHLTH-145 PHLEBOTOMY 5.00 Credits**

Learn the skills of drawing blood for transfusion, diagnosis, or experiment. Covers the responsibility of communication, human relations, and safety.

**AHLTH-182 OCCUPATIONAL THERAPY AIDE/LAB 3.00 Credits**

Instruction is the basic skills needed to function in this role. Covers responsibilities of the OT Aide, communication, human relations and safety.

**AHLTH-183 PHYSICAL THERAPY AIDE AND LAB 3.00 Credits**

Provides instruction in basic skills needed to function in this role. Covers responsibilities of the PT Aide, communication, human relations and safety.

**AHLTH-190 DIRECTED STUDY IN ALLIED HEALTH 1.00-6.00 Credits****AHLTH-191 WORKSHOP IN ALLIED HEALTH 1.00-6.00 Credits****AHLTH-192 SPECIAL TOPIC IN ALLIED HEALTH 1.00-6.00 Credits****AHLTH-220 EMERGENCY MEDICAL TECHNICIAN 6.00 Credits**

This course will prepare the student to meet the EMT-Basic level in order to work effectively as part of the healthcare team. The course provides didactic knowledge so that the student can efficiently and effectively provide emergency medical care at the basic life support level with an ambulance service or other specialized agency or department. Students will learn to recognize the nature and seriousness of a scene and emergency victims, assess the extent of injuries or illness, administer appropriate emergency medical care based on that assessment, move or position the patient to minimize further injury or discomfort and transport the patient to the appropriate medical facility. Additionally, students will learn the philosophies and systems of emergency medical services as well as effective strategies for communication with patients, bystanders, families of victims and other healthcare and rescue personnel.

**AHLTH-251 ALLIED HEALTH ORGANIZATIONAL LEADERSHIP I 1.00 Credit**

This course provides students the opportunity to develop skills in leadership, public speaking, health teaching and various service projects at the local, state and national levels. Active participation in the Health Occupations Students of America (HOSA) chapter is required. Students learn to apply Robert's Rules of Order and Parliamentary procedure. Students may earn one credit per year based on HOSA advisor's evaluation and may be repeated four times.

**AHLTH-252 ALLIED HEALTH ORGANIZATIONAL LEADERSHIP II 1.00 Credit**

Current enrollment in AHLTH-251 is required. Enrollment is subject to advisor approval and limited to officers in Health Occupations Students of America (HOSA). Students may earn one credit per year based on HOSA advisor's evaluation of performance and may be repeated four times.

**AHLTH-290 DIRECTED STUDY IN ALLIED HEALTH 1.00-6.00 Credits****AHLTH-291 WORKSHOP IN ALLIED HEALTH 1.00-6.00 Credits****AHLTH-292 SPECIAL TOPIC IN ALLIED HEALTH 1.00-6.00 Credits****AHLTH-390 DIRECTED STUDY IN ALLIED HEALTH 1.00-6.00 Credits****AHLTH-391 WORKSHOP IN ALLIED HEALTH 1.00-6.00 Credits****AHLTH-392 SPECIAL TOPIC IN ALLIED HEALTH 1.00-6.00 Credits****AHLTH-490 DIRECTED STUDY IN ALLIED HEALTH 1.00-6.00 Credits****AHLTH-491 WORKSHOP IN ALLIED HEALTH 1.00-6.00 Credits****AHLTH-492 SPECIAL TOPIC IN ALLIED HEALTH 1.00-6.00 Credits****CITPT-101 INTRODUCTION TO WEB DESIGN & DEVELOPMENT 3.00 Credits**

A contemporary and comprehensive introduction to web design/development technologies and subjects.

**CITPT-108 INTRODUCTION TO COMPUTER SCIENCE 4.00 Credits**

This course is an introduction to the basic concepts of Computer Science. You will learn how to program a computer using the Java language, the basic capabilities of a computer system, how to form and validate a hypothesis in computer science, and how computer science relates to other scientific endeavors and society at large. Programming concepts include objects, functions, conditionals, and recursion. This course is suitable both for the non-major and as an entry point into the Computer Science major. Cross-listed with CS-108.

**CITPT-111 WEB DEVELOPMENT BASICS 3.00 Credits**

Provides a foundation in web development and design through a comprehensive study and hands-on application of contemporary Hyper Text Markup Language (HTML) and Cascading Style Sheets (CSS).

**CITPT-112 FUNDAMENTALS OF COMPUTER PROGRAMMING 3.00 Credits**

This course is an introduction to computer programming using contemporary programming logic methods and design practices. The focus of the course is to provide students with a strong foundation in programming principles. Fundamental topics include logic, expressions, operators, I/O, control and conditional structures, data types, containers, functions, programming errors, and events. Students will engage in hands-on programming development using JavaScript and command line interfaces in preparation for dependent courses in this degree program. Prerequisite: CITPT-111 or CITPT-311.

**CITPT-117 WEB DESIGN FUNDAMENTALS 3.00 Credits**

An introduction to design theory in websites and the use of industry development tools. Students will learn and apply standards related to site specifications, layout, navigation, organization, color, typography, and content development. Students will focus on the importance of a user-centered design that meets the expectations of a client or customer.

**CITPT-144 MULTIMEDIA WEB APPLICATIONS 3.00 Credits**

Explores contemporary instances of web application software designed to enhance websites with more dynamic content. This class has a hands-on approach and students will be expected to work through activities step-by-step and then take the basic competencies to create more advanced, original web application content. Cross-listed with CITPT-344.

**CITPT-150 APPLICATIONS IN ELECTRONIC COMMERCE 3.00 Credits**

This course is a thorough study and application of best practices of Electronic Commerce in a real-world setting, including the development and planning of an online store and an advertising campaign that utilizes social media platforms for promotion. Students demonstrate the installation and setup of an online store by developing a website proposal document, creating a business plan, controlling inventory systems, setting up payment information, and presenting their work. Students also create a social media plan for advertising the store by creating a strategy document, a calendar of media and web events, and a business presentation.

**CITPT-175 INTERACTIVE WEB SCRIPTING 3.00 Credits**

Course provides a comprehensive overview of client-side scripting technologies and methods. Pre-requisites: CITPT-111 and CITPT-112.

**CITPT-180 PORTFOLIO DESIGN 3.00 Credits**

This course provides students with an opportunity to prepare themselves for the workplace. Students will prepare a portfolio comprised of completed web design and development projects. Lesson topics include portfolio research, logo creation, site specifications, project timelines, peer review and feedback, and call-to-action interactions. Successful students will finish a portfolio and will be capable of scaling it for future development and projects. Prerequisite: CITPT-111 or CITPT-311.

**CITPT-189 DIRECTED WEB AUTHORIZING PROJECT 1.00-3.00 Credits**

Requires field experience on a team-based, organizational website project.

**CITPT-190 DIRECTED STUDY IN COMPUTER INFORMATION TECHNOLOGY 1.00-6.00 Credits****CITPT-191 WORKSHOPS IN COMPUTER INFORMATION TECHNOLOGY 1.00-6.00 Credits****CITPT-192 SPECIAL TOPICS IN COMPUTER INFORMATION TECHNOLOGY 1.00-6.00 Credits****CITPT-194 INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY 1.00-12.00 Credits****CITPT-194A INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY I 1.00-6.00 Credits**

Internship in Computer Information Technology.

**CITPT-194B INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY II 1.00-6.00 Credits**

Internship in Computer Information Technology.

**CITPT-194C INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY III 1.00-6.00 Credits**

Internship in Computer Information Technology.

**CITPT-194D INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY IV 1.00-6.00 Credits**

Internship in Computer Information Technology.

**CITPT-206 INTERACTIVE MEDIA PROGRAMMING 3.00 Credits**

This course offers an in-depth approach to creating and debugging applications and techniques of implementation for web and game applications. Topics include classes and objects, inheritance, polymorphism, namespaces, assemblies, exception handling, debugging, data collections, and event-driven programming. Emphasis is on software design and development of real-world applications. Students in the Web Design & Development program are encouraged to take CITPT-112 prior to enrolling in this course.



**CITPT-213 WEB DATABASE TECHNOLOGIES 3.00 Credits**

Expands basic database skills into the web environment and enterprise level applications. This course covers database design theory and advanced database application topics in contemporary, multi-user environments. Pre-requisite: CITPT-112.

**CITPT-217 ADVANCED WEB DESIGN 3.00 Credits**

A comprehensive study of various web design concepts and skills. Students will learn and apply concepts in a project-based manner. Special emphasis will be placed on learning and applying advanced web design techniques on real-world projects. Pre-requisite: CITPT-117 or CITPT-317.

**CITPT-225 WEB FRAMEWORKS 3.00 Credits**

A skill-based study of popular server-side web application frameworks. Students will learn how to build interactive and dynamic web site components. Pre-requisite: CITPT-112.

**CITPT-226 SQL: STRUCTURED QUERY LANGUAGE 3.00 Credits**

Introduces the basic concepts of relational database systems and the role of the Structured Query Language (SQL) in database development. It also covers SQL and its applications to the creation and maintenance of data in a Database Management System (DBMS). Emphasis is placed on using SQL for database querying. Cross-listed with CS-226. Pre-requisite: Completion of MATH-023 or MATH-025 or higher, excluding MTHPT-103P, MATH-153P and MATH-157P, or have satisfactory math placement scores.

**CITPT-227 WEB APPLICATION DEVELOPMENT 3.00 Credits**

A hands-on study of web development for dynamic, data-driven web applications using contemporary technologies and development software. Pre-requisite: CITPT-112.

**CITPT-265 IMAGE EDITING AND ILLUSTRATION 3.00 Credits**

Comprehensive experience in image editing, drawing, painting, and typography.

**CITPT-275 WEB AUTHORING SYSTEMS 3.00 Credits**

A comprehensive study in web content management systems and when/how to use them properly. Topics include CMS installation and maintenance, website management, theme design, and extension development. Pre-requisites: CITPT-111 or CITPT-311.

**CITPT-280 WEB DEVELOPMENT CAPSTONE 3.00 Credits**

The web development capstone course provides web design and development students with the opportunity to integrate knowledge gained across the curriculum. Students will develop personal portfolios, data-driven web or mobile applications, and work in teams to apply knowledge to real-world situations. Students will work to identify client needs, develop a project proposal and specification, and implement the proposed specification. Lecture topics include web hosting setup, website optimization, accessibility, and user experience. Pre-requisite: CITPT-117 or CITPT-317 and CITPT-175 or CITPT-375.

**CITPT-290 DIRECTED STUDY IN COMPUTER INFORMATION TECHNOLOGY 1.00-6.00 Credits****CITPT-291 WORKSHOP IN COMPUTER INFORMATION TECHNOLOGY 1.00-6.00 Credits****CITPT-292 SPECIAL TOPICS IN COMPUTER INFORMATION TECHNOLOGY 1.00-6.00 Credits****CITPT-294 INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY 1.00-12.00 Credits****CITPT-294A INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY I 1.00-6.00 Credits**

Internship in Computer Information Technology.

**CITPT-294B INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY II 1.00-6.00 Credits**

Internship in Computer Information Technology.

**CITPT-294C INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY III 1.00-6.00 Credits**

Internship in Computer Information Technology.

**CITPT-294D INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY IV 1.00-6.00 Credits**

Internship in Computer Information Technology.

**CITPT-311 WEB DEVELOPMENT BASICS 3.00 Credits**

Provides a foundation in web development and design through a comprehensive study and hands-on application of contemporary Hyper Text Markup Language (HTML) and Cascading Style Sheets (CSS).

**CITPT-312 FUNDAMENTALS OF COMPUTER PROGRAMMING 3.00 Credits**

This course is an introduction to computer programming using contemporary programming logic methods and design practices. The focus of the course is to provide students with a strong foundation in programming principles. Fundamental topics include logic, expressions, operators, I/O, control and conditional structures, data types, containers, functions, programming errors, and events. Students will engage in hands-on programming development using JavaScript and command line interfaces in preparation for dependent courses in this degree program. Students in CITPT-312 will have an additional research project required of them. Prerequisite: CITP-111 or CITPT-311.

**CITPT-317 WEB DESIGN FUNDAMENTALS 3.00 Credits**

An introduction to design theory in websites and the use of industry development tools. Students will learn and apply standards related to site specifications, layout, navigation, organization, color, typography, and content development. Students will focus on the importance of a user-centered design that meets the expectations of a client or customer.



**CITPT-344 MULTIMEDIA WEB APPLICATIONS 3.00 Credits**

Explores contemporary instances of web application software designed to enhance websites with more dynamic content. This class has a hands-on approach and students will be expected to work through activities step-by-step and then take the basic competencies to create more advanced original web application content. Cross-listed with CITPT-144.

**CITPT-350 APPLICATIONS IN ELECTRONIC COMMERCE 3.00 Credits**

This course is a thorough study and application of best practices of Electronic Commerce in a real-world setting, including the development and planning of an online store and an advertising campaign that utilizes social media platforms for promotion. Students demonstrate the installation and setup of an online store by developing a website proposal document, creating a business plan, controlling inventory systems, setting up payment information, and presenting their work. Students also create a social media plan for advertising the store by creating a strategy document, a calendar of media and web events, and a business presentation. Students in CITPT-350 must submit an additional research project.

**CITPT-375 INTERACTIVE WEB SCRIPTING 3.00 Credits**

Provides a comprehensive overview of client-side scripting technologies and methods. Pre-requisites: CITPT-111 and CITPT-112.

**CITPT-380 PORTFOLIO DESIGN 3.00 Credits**

This course provides students with an opportunity to prepare themselves for the workplace. Students will prepare a portfolio comprised of completed web design and development projects. Lesson topics include portfolio research, logo creation, site specifications, project timelines, peer review and feedback, and call-to-action interactions. Successful students will finish a portfolio and will be capable of scaling it for future development and projects. Students in CITPT-380 will have an additional research project required of them. Prerequisite: CITPT-111 or CITPT-311.

**CITPT-390 DIRECTED STUDY IN COMPUTER INFORMATION TECHNOLOGY 1.00-6.00 Credits****CITPT-391 WORKSHOP IN COMPUTER INFORMATION TECHNOLOGY 1.00-6.00 Credits****CITPT-392 SPECIAL TOPICS IN COMPUTER INFORMATION TECHNOLOGY 1.00-6.00 Credits****CITPT-394 INTERNSHIP IN WEB DEVELOPMENT 1.00-12.00 Credits****CITPT-394A INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY I 1.00-6.00 Credits**

Internship in Computer Information Technology.

**CITPT-394B INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY II 1.00-6.00 Credits**

Internship in Computer Information Technology.

**CITPT-394C INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY III 1.00-6.00 Credits**

Internship in Computer Information Technology.

**CITPT-394D INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY IV 1.00-6.00 Credits**

Internship in Computer Information Technology.

**CITPT-413 WEB DATABASE TECHNOLOGIES 3.00 Credits**

Expands basic database skills into the web environment and enterprise level applications. This course covers database design theory and advanced database application topics in contemporary, multi-user environments. Pre-requisite: CITPT-112.

**CITPT-417 ADVANCED WEB DESIGN 3.00 Credits**

A comprehensive study of various web design concepts and skills. Students will learn and apply concepts in a project-based manner. Special emphasis will be placed on learning and applying advanced web design techniques on real-world projects. Students enrolled in CITPT-417 will have an additional research project to complete for this course. Prerequisite: CITPT-117 or CITPT-317.

**CITPT-465 IMAGE EDITING AND ILLUSTRATION 3.00 Credits**

Comprehensive experience in image editing, drawing, painting, and typography.

**CITPT-475 WEB AUTHORING SYSTEMS 3.00 Credits**

A comprehensive study in web content management systems and when/how to use them properly. Topics include CMS installation and maintenance, website management, theme design, and extension development. Pre-requisites: CITPT-111 or CITPT-311.

**CITPT-480 WEB DEVELOPMENT CAPSTONE 3.00 Credits**

The web development capstone course provides web design and development students with the opportunity to integrate knowledge gained across the curriculum. Students will develop personal portfolios, data-driven web or mobile applications, and work in teams to apply knowledge to real-world situations. Students will work to identify client needs, develop a project proposal and specification, and implement the proposed specification. Lecture topics include web hosting setup, website optimization, accessibility, and user experience. Pre-requisite: CITPT-117 or CITPT-317 and CITPT-175 or CITPT-375.

**CITPT-490 DIRECTED STUDY IN COMPUTER INFORMATION TECHNOLOGY 1.00-6.00 Credits****CITPT-491 WORKSHOP IN COMPUTER INFORMATION TECHNOLOGY 1.00-6.00 Credits****CITPT-492 SPECIAL TOPICS IN COMPUTER INFORMATION TECHNOLOGY 1.00-6.00 Credits****CITPT-494 INTERNSHIP IN COMPUTER INFORMATION SYSTEMS 1.00-12.00 Credits****CITPT-494A INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY I 1.00-6.00 Credits**

Internship in Computer Information Technology.

**CITPT-494B INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY II 1.00-6.00 Credits**

Internship in Computer Information Technology.

**CITPT-494C INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY III 1.00-6.00 Credits**

Internship in Computer Information Technology.

**CITPT-494D INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY IV 1.00-6.00 Credits**

Internship in Computer Information Technology.

**ECDPT-100 HEALTH, SAFETY AND NUTRITION 3.00 Credits**

This course will provide students with a comprehensive understanding of the nutrition, health and safety needs of young children from birth into school age. This course is intended to provide students with a strong understanding of wellness concepts, equipping them to implement healthful practices and teach young children ways to contribute to their own wellness.

**ECDPT-101 THE EXCEPTIONAL CHILD I 1.00 Credit**

Provides awareness of children with special needs and how to meet those needs.

**ECDPT-102 LEARNING ENVIRONMENT 2.00 Credits**

Involves organizing indoor and outdoor areas that encourage play and exploration, selecting and arranging materials and equipment that foster growth and learning, and planning and implementing a schedule.

**ECDPT-103 PHYSICAL DEVELOPMENT 2.00 Credits**

Provides a variety of equipment, activities, and opportunities to promote the physical development of children.

**ECDPT-104 INTRODUCTION TO EARLY CHILDHOOD EDUCATION 3.00 Credits**

This course is an introduction to Early Childhood Education and includes an overview of key areas of professional knowledge in the field of early childhood education: developmentally appropriate practices, the role of the teacher, professionalism, observation and assessment, curriculum development, diversity and inclusive practices, partnerships with families, and child growth and development.

**ECDPT-105 FAMILIES 2.00 Credits**

Provides knowledge and skills to exchange important information between home and childcare centers.

**ECDPT-106 CURRICULUM DEVELOPMENT AND PROGRAM MANAGEMENT 2.00 Credits**

Provides the early childhood educator or caregiver with skills to analyze how they structure their goals, policies, and procedures as well as maintain positive communication throughout the entire program.

**ECDPT-107 PROFESSIONALISM IN CHILDCARE 3.00 Credits**

Provides for the heightened awareness of the many areas of professionalism, including growth, conduct, communications, and ethics.

**ECDPT-108 CHILD DEVELOPMENT 3.00 Credits**

This course will provide students with an overview of child development theories and the principles of development for children ages pre-birth through adolescence. The interrelated nature of each of the areas of development for young children (physical, perceptual, cognitive, social and emotional, and language) will be covered, as well as, the role of adults in supporting and facilitating children's healthy growth and development in each of these domains.

**ECDPT-109 THE EXCEPTIONAL CHILD II 1.00 Credit**

Provides awareness of children with special needs and how to meet those needs.

**ECDPT-112 INFANT TODDLER DEVELOPMENT 2.00 Credits**

This course examines the unique developmental needs of infants and toddlers. Students will study the role of the caregiver, relationships with families, developmentally appropriate practices, nurturing environments for infants and toddlers, and culturally relevant care.

**ECDPT-150 OBSERVATION AND ASSESSMENT 3.00 Credits**

Students gain skills in using various methods of recording observations and reviewing child development leading toward developmentally appropriate and intentional teaching practices. Students collect and use information at their field placement site in order to strengthen their skills in developing curriculum and methods for teaching young children. Students must obtain a minimum grade of 2.0 in this course in order to pass. Pre-requisite: ECDPT-104.

**ECDPT-155 CHILD FAMILIES AND COMMUNITIES 2.00 Credits**

Course focuses on the impact of family, school and community on the diverse needs of children. Interactions and relationships will be examined between diverse cultures, lifestyles, abilities, language and communication with the role of the early childhood environment and other community institutions. Students will gain understanding of their professional role in supporting practices that strengthen respectful, collaborative family/child partnerships through effective use of community and family resources.

**ECDPT-190 DIRECTED STUDY IN EARLY CHILDHOOD DEVELOPMENT 1.00-6.00 Credits**

**ECDPT-191 WORKSHOPS IN EARLY CHILDHOOD DEVELOPMENT 1.00-6.00 Credits**

**ECDPT-192 SPECIAL TOPICS IN EARLY CHILDHOOD DEVELOPMENT 1.00-6.00 Credits**

**ECDPT-194 INTERNSHIP IN EARLY CHILDHOOD DEVELOPMENT 1.00-12.00 Credits**

**ECDPT-194A INTERNSHIP IN EARLY CHILDHOOD DEVELOPMENT I 1.00-6.00 Credits**

Internship in Early Childhood Development.

**ECDPT-194B INTERNSHIP IN EARLY CHILDHOOD DEVELOPMENT II 1.00-6.00 Credits**

Continuation of ECDPT 194A as a 100-level internship in Early Childhood Development.

**ECDPT-194C INTERNSHIP IN EARLY CHILDHOOD DEVELOPMENT III 1.00-6.00 Credits**

Continuation of ECDPT 194B as an intermediate 100-level internship in Early Childhood Development.

**ECDPT-194D INTERNSHIP IN EARLY CHILDHOOD DEVELOPMENT IV 1.00-6.00 Credits**

Continuation of ECDPT 194C as an intermediate to advanced 100-level internship in Early Childhood Development.

**ECDPT-200 COGNITIVE DEVELOPMENT 2.00 Credits**

This course will introduce students to the methods of providing young children learning experiences in the areas of math and science. Emphasis is on the planning, implementation, and evaluation of developmentally appropriate math and science curriculum and activities. Utilizing the Idaho Early Learning Standards eGuidelines, students will develop math and science learning objectives and activities that are developmentally appropriate for preschool children. In addition, students will apply Bloom's Taxonomy as they learn about how to ask high-level questions which further support young children's thinking and cognitive development.

**ECDPT-201 COMMUNICATION 2.00 Credits**

Provides the student with the skills to enhance communication in young children.

**ECDPT-203 SELF-CONCEPT DEVELOPMENT 2.00 Credits**

Provides the skills to understand development as it relates to self-esteem and provides an environment which develops and supports self-image.

**ECDPT-204 SOCIAL SKILLS DEVELOPMENT 2.00 Credits**

Provides the skills to understand developmental levels of social growth and strategies to support/enhance social interaction.

**ECDPT-205 GUIDING YOUNG CHILDREN 2.00 Credits**

This course provides students with skills and knowledge in knowing how to appropriately guide young children based on current theory and research. Emphasis on developing human potential by focusing on individual development and temperament, as well as family and cultural contexts when planning environments and activities for young children. Students will learn effective child guidance techniques, how to promote effective interactions, provide positive individual guidance, and enhance group experiences.

**ECDPT-206 CREATIVE DEVELOPMENT 2.00 Credits**

Provides the student with the tools necessary to examine their own creativity and strategies to enhance creativity in children.

**ECDPT-208 CURRICULUM DEVELOPMENT 3.00 Credits**

This course focuses on a comprehensive approach to conceptualizing, planning, implementing and evaluating curriculum for children ages 3 to 8 years old. Developmental domains, the research basis for a developmentally appropriate curricular approach and practical applications of teaching strategies within these domains are studied in order to explore the relationships between developmental theory, philosophy, practice, and development of curriculum based upon the needs and interests of children who are culturally, linguistically and ability diverse. Students must obtain a minimum final grade of 2.0 in order to pass. Pre-requisite: ECDPT-150 with a grade of 'C' or better or permission from the instructor.

**ECDPT-209 PROFESSIONALISM 3.00 Credits**

Students gain knowledge in professional preparation for career development by learning how to create a professional portfolio for early childhood career development applications, develop a deeper knowledge and understanding of the NAEYC Code of Ethical Conduct for working with children, families, other professionals, and the community. Students will explore career options in the field of Early Childhood. Students will also learn more about professionalism, what it means, implications for early childhood education, and explore advocacy opportunities. Students will present their completed Professional Portfolio at the end of the semester and before graduation from the program. Students must pass this course with a 2.0.

**ECDPT-210 LANGUAGE AND LITERACY 3.00 Credits**

Course explores the connection between language acquisition and emergent literacy skills and how this supports later literacy skills. Students will learn effective assessment and instructional approaches for fostering language learning and emergent literacy skills in typically developing children as well as those at risk for language delays.

**ECDPT-211 EXCEPTIONAL CHILD 3.00 Credits**

This course is intended to provide the Early Childhood Development educator or caregiver with an overview and introduction for working with children with delays or disabilities and their families in a variety of settings. This course will cover information about services to infants, toddlers, preschoolers, and early primary children. Students will gain insight into the early intervention/early childhood special education field. Topics addressed include assessment, planning, curriculum, and service delivery. Information will also focus on designing, adapting, and organizing the learning environment and implementing instructional programs for young children with delays or disabilities. Students must have a completed and accepted Early Childhood Program application in order to register for this course. Pre-requisites: ECDPT-104 and ECDPT-150, or permission from the instructor.

**ECDPT-250 PROGRAM ADMINISTRATION 3.00 Credits**

This course focuses on effective and intentional management of early childhood development programs. Through the use of the National Association for the Education of Young Children's Early Childhood Program Administrator Competencies for NAEYC accreditation standards, students will learn personal and professional self awareness, legal and fiscal management of ECE programs, staff management and human relations, educational programming, program operations and facilities management, family support, marketing and public relations, leadership and advocacy, and oral and written communication. Pre-requisite: ECDPT-104, ECDPT-150, and a completed and approved Early Childhood Program Application packet, or by permission.

**ECDPT-255 CURRICULUM DEVELOPMENT II 3.00 Credits**

Curriculum Development II is a continuation of Curriculum Development I where students continue to strengthen their skills and knowledge related to the intentional teaching cycle for preschool age children, increase their understanding of the importance of emergent curriculum, and use project-based learning that is both individualized and developmentally appropriate. Students will learn how to observe and assess children's skills in all domains of development using early learning state standards, take into account children's specific skills, needs, and interests, and plan the learning environment and curriculum activities accordingly. This course must be passed with a grade of C- or higher to be applied towards an Early Childhood Education degree. Pre-requisite: ECDPT-208 with a minimum grade of C-.

**ECDPT-270 CARING FOR SCHOOL-AGE CHILDREN 3.00 Credits**

This course is designed to support students' knowledge of developmentally appropriate practices in group care settings for school-age children. Students will discover the characteristics and influence that those involved in school-age care have on the growth and development of children ages five to thirteen. Students will also examine developmental stages and how children grow and develop during this age in the learning domains of: physical, cognitive, and social/emotional learning. Program planning, environmental design, curriculum development, community resources and regulations are additional topics addressed in this course.

**ECDPT-275 TRAUMA INFORMED CARE IN THE EARLY CHILDHOOD CLASSROOM 3.00 Credits**

This course serves to increase students' ability to recognize, understand, and respond to the effects of trauma, and increase their understanding of the impact of trauma on the developing child. Students will learn how to create a framework of wellness through supportive relationships and positive environments that help to produce improved outcomes for children. Additionally, students will increase their understanding of the importance of how to create safe and trusting relationships in order for children to develop social intelligence and bond with others.

**ECDPT-290 DIRECTED STUDY IN EARLY CHILDHOOD DEVELOPMENT 1.00-6.00 Credits****ECDPT-291 WORKSHOP IN EARLY CHILDHOOD DEVELOPMENT 1.00-6.00 Credits****ECDPT-292 SPECIAL TOPICS IN EARLY CHILDHOOD DEVELOPMENT 1.00-6.00 Credits****ECDPT-294 INTERNSHIP IN EARLY CHILDHOOD DEVELOPMENT 1.00-12.00 Credits****ECDPT-294A INTERNSHIP IN EARLY CHILDHOOD DEVELOPMENT I 1.00-6.00 Credits**

Internship in Early Childhood Development.

**ECDPT-294B INTERNSHIP IN EARLY CHILDHOOD DEVELOPMENT II 1.00-6.00 Credits**

Continuation of ECDPT 294A as a 200-level internship in Early Childhood Development.

**ECDPT-294C INTERNSHIP IN EARLY CHILDHOOD DEVELOPMENT III 1.00-6.00 Credits**

Continuation of ECDPT 294B as an intermediate 200-level internship in Early Childhood Development.

**ECDPT-294D INTERNSHIP IN EARLY CHILDHOOD DEVELOPMENT IV 1.00-6.00 Credits**

Continuation of ECDPT 294C as an intermediate to advanced 200-level internship in Early Childhood Development.

**ECDPT-390 DIRECTED STUDY IN EARLY CHILDHOOD DEVELOPMENT 1.00-6.00 Credits****ECDPT-392 SPECIAL TOPICS IN EARLY CHILDHOOD DEVELOPMENT 1.00-6.00 Credits****ECDPT-394 INTERNSHIP IN EARLY CHILDHOOD DEVELOPMENT 1.00-12.00 Credits****ECDPT-394A INTERNSHIP IN EARLY CHILDHOOD DEVELOPMENT I 1.00-6.00 Credits**

Internship in Early Childhood Development.

**ECDPT-394B INTERNSHIP IN EARLY CHILDHOOD DEVELOPMENT II 1.00-6.00 Credits**

Continuation of ECDPT 394A as a 300-level internship in Early Childhood Development.

**ECDPT-394C INTERNSHIP IN EARLY CHILDHOOD DEVELOPMENT III 1.00-6.00 Credits**

Continuation of ECDPT 394B as an intermediate 300-level internship in Early Childhood Development.

**ECDPT-394D INTERNSHIP IN EARLY CHILDHOOD DEVELOPMENT IV 1.00-6.00 Credits**

Continuation of ECDPT 394C as an intermediate to advanced 300-level internship in Early Childhood Development.

**ECDPT-490 DIRECTED STUDY IN EARLY CHILDHOOD DEVELOPMENT 1.00-6.00 Credits****ECDPT-491 WORKSHOP IN EARLY CHILDHOOD DEVELOPMENT 1.00-6.00 Credits****ECDPT-492 SPECIAL TOPICS IN EARLY CHILDHOOD DEVELOPMENT 1.00-6.00 Credits****ECDPT-494 INTERNSHIP IN EARLY CHILDHOOD DEVELOPMENT 1.00-12.00 Credits****ECDPT-494A INTERNSHIP IN EARLY CHILDHOOD DEVELOPMENT I 1.00-6.00 Credits**

Internship in Early Childhood Development.

**ECDPT-494B INTERNSHIP IN EARLY CHILDHOOD DEVELOPMENT II 1.00-6.00 Credits**

Continuation of ECDPT 494A as a 400-level internship in Early Childhood Development.

**ECDPT-494C INTERNSHIP IN EARLY CHILDHOOD DEVELOPMENT III 1.00-6.00 Credits**

Continuation of ECDPT 494B as an intermediate 400-level internship in Early Childhood Development.

**ECDPT-494D INTERNSHIP IN EARLY CHILDHOOD DEVELOPMENT IV 1.00-6.00 Credits**

Continuation of ECDPT 494C as an intermediate to advanced 400-level internship in Early Childhood Development.

**FRSRV-100 FIRE TRAINING TECHNOLOGY 44.00 Credits**

This course is designed to transcript the non-credit Idaho State Fire Fighters certification courses to 44 credits so that they can be utilized as the technical skills courses for the Fire Service Technology A.A.S degree. These courses are delivered through statewide fire departments. Graded P/F only.

**FRSRV-101 FIREFIGHTER I 5.00 Credits**

This course is designed to provide training to both volunteer and career firefighters. The course places an emphasis on the initial basic firefighter skills and provide the necessary information to develop and recruit firefighters. This will also allow those who complete this course to become a valuable and usable member of an organization, either as a volunteer or in a career. NFPA Standard 1001 was utilized to develop the course package. Upon completion of this course, the student will be eligible to take the state certification course.

**FRSRV-102 HAZ-MAT AWARENESS 2.00 Credits**

This class is designed to recognize a hazardous materials release and the risks involved. The student will learn how to identify the released material; how to use available resources, including the Emergency Response Guidebook; and how to notify the proper authorities in the event of a hazardous material incident. Upon completion of this course the student is eligible to take the state certification course.

**FRSRV-103 HAZ-MAT OPERATIONS 2.00 Credits**

The Hazardous Materials Operations (HAZMAT Ops) course is a five-day course that provides responders with the knowledge, skills, and abilities necessary to analyze, plan, and implement performance-defensive response actions for hazardous materials (HAZMAT) incidents. During this course, students receive instruction and hands-on experience in the knowledge, activities and responsibilities required of operations-level HAZMAT responders. Upon completion of this course the student is eligible to take the state certification course, however not required.

**FRSRV-104 IFSTA BUILDING CONSTRUCTION 3.00 Credits**

This course is a study of fundamentals of building construction and materials related to fire protection. Includes building plan layouts, conventional representations, symbols and abbreviations for building materials, methods of showing floor plans, elevations, section, and dimensions.

**FRSRV-105 APPARATUS DRIVER OPERATION 3.00 Credits**

This course is designed to acquaint firefighters, pump operators, and engineers with the following: characteristics of water flow, friction loss, engine pressure, multiple lines, unequal layouts, pump and pumpers, and field equations.

**FRSRV-190 DIRECTED STUDY IN FIRE SERVICE TECHNOLOGY 1.00-6.00 Credits****FRSRV-191 WORKSHOP IN FIRE SERVICE TECHNOLOGY 1.00-6.00 Credits****FRSRV-192 SPECIAL TOPIC IN FIRE SERVICE TECHNOLOGY 1.00-6.00 Credits****FRSRV-201 FIREFIGHTER II 3.00 Credits**

This course is designed to train the student to Level II as outlined in the Standard for Fire Fighters Professional Qualifications NFPA 1001. Subjects include details relating to fire behavior, portable extinguishers, water supplies, ropes, self-contained breathing apparatus, ladders, ventilation, forcible entry, hose, nozzles, appliances, fire streams, rescue, sprinkler systems, inspections first aid, salvage, overhaul and others. Upon completion of this course the student is eligible to take the state certification course.

**FRSRV-202 NIMS 100, 200, 700, 800 2.00 Credits**

This course is designed to be taken as an online class with some practical skills during a class session. ICS-100 is an introduction to the Incident Command System, ICS-200 is ICS for Single Resources and Initial Attack Incidents, ICS-700 is the National Incident Management System Introduction, and ICS-800 is the National Response Framework Introduction.

**FRSRV-203 IFSTA FIRE INVESTIGATION 3.00 Credits**

This course is designed to introduce students to methods of determining point of origin, path of fire travel, and fire causes. Topics include motives and methods of fire setting, recognizing and preserving evidence, arson laws, types of arson fires, court testimony, reports and records.

**FRSRV-204 FIREFIGHTING STRATEGIES & TACTICS 3.00 Credits**

This course will prepare firefighters in the development of strategies and tactics that are used to function at emergency calls. The student will recognize the need for strategies and tactics to take control of an emergency incident. Students will also be required to participate in tabletop exercises designed to demonstrate taking control of various emergency scenarios.

**FRSRV-205 INSPECTION & PREVENTION 3.00 Credits**

This course is designed to introduce students to various inspection practices which include surveying and mapping procedures associated with the organization and functions of fire prevention. Also includes areas of legal responsibilities and fire hazard characteristics. Opportunity is provided to make at least one complete inspection and report on as an assignment at the end of the course.

**FRSRV-206 RIT/FIREFIGHTER SURVIVAL 2.00 Credits**

This lesson introduces the Rapid Intervention Teams course. The course is designed as an "operations-level" Rapid Intervention Teams training program. It combines both awareness- and operations-level training for participants who have minimal experience in RIT work.

**FRSRV-220 WILDLAND FIREFIGHTER II S-130 1.00 Credit**

This course is designed to provide entry-level firefighters skills. Field time is encouraged, and many of the units are set up so they can be taught in either the classroom or the field. The field exercise for Unit 12 is required. A version of L-180, Human Factors on the Fireline, has been included as part of this course.



**FRSRV-221 WILDLAND FIREFIGHTER II S-190 1.00 Credit**

This course provides instruction in the primary factors affecting the start and spread of wildfire and recognition of potentially hazardous situations. S-190 is typically taught in conjunction with or prior to Basic Firefighter Training, S-130. It is designed to meet the fire behavior training needs of a Firefighter Type 2 (FFT2) on an incident as outlined in the NIMS: Wildland Fire Qualification System Guide, PMS 310-1, and the position taskbook developed for the position.

**FRSRV-222 WILDLAND URBAN INTERFACE S-215 2.00 Credits**

Instructional units include firefighter safety in the interface, managing human factors in the interface, pre-incident planning, size-up and initial strategy, structure triage, structure protection overview, tactics in the interface, tactical operations and resource use in the interface, action assessment, plan update, and after action review.

**FRSRV-225 IFSTA FIRE INSTRUCTOR I 3.00 Credits**

A study of the knowledge and skills necessary to be a fire service instructor. Instructional techniques will be discussed and developed. At the conclusion of this course, students will be able to take the state certification exam for Fire Service Instructor I.

**FRSRV-226 RESCUE TECHNIQUES 3.00 Credits**

A course designed to provide technical knowledge and practical skills necessary to perform emergency rescue procedures. Content will include: auto extrication, water and ice rescue, rope rescue, cave rescue, trenching incidents, search and rescue, electrical emergencies, and proper use and care of equipment. This course is an overview of all the listed material. Students are encouraged to search out additional training in each area at the operational level on an individual basis for proficiency in each area.

**FRSRV-227 BS FIRE ALARM & PROTECTION SYSTEMS 3.00 Credits**

A study of modern fire protection including water supply and distribution systems, housing of equipment and personnel, private fire protection methods, chemical extinguishers, building construction and a study of the various types of fixed and portable fire detection and alarm systems.

**FRSRV-290 DIRECTED STUDY IN FIRE SERVICE TECHNOLOGY 1.00-6.00 Credits****FRSRV-291 WORKSHOP IN FIRE SERVICE TECHNOLOGY 1.00-6.00 Credits****FRSRV-292 SPECIAL TOPIC IN FIRE SERVICE TECHNOLOGY 1.00-6.00 Credits****FRSRV-294 INTERNSHIP IN FIRE SERVICE TECHNOLOGY 3.00 Credits**

Internship in fire service technology.

**FRSRV-390 DIRECTED STUDY IN FIRE SERVICE TECHNOLOGY 1.00-6.00 Credits****FRSRV-391 WORKSHOP IN FIRE SERVICE TECHNOLOGY 1.00-6.00 Credits****FRSRV-392 SPECIAL TOPIC IN FIRE SERVICE TECHNOLOGY 1.00-6.00 Credits****FRSRV-490 DIRECTED STUDY IN FIRE SERVICE TECHNOLOGY 1.00-6.00 Credits****FRSRV-491 WORKSHOP IN FIRE SERVICE TECHNOLOGY 1.00-6.00 Credits****FRSRV-492 SPECIAL TOPIC IN FIRE SERVICE TECHNOLOGY 1.00-6.00 Credits****FRSRV-494 SPECIAL TOPIC IN FIRE SERVICE TECHNOLOGY 1.00-12.00 Credits****GAME-100 INTRODUCTION TO GAME DEVELOPMENT 3.00 Credits**

Course provides a hands-on comprehensive overview of roles within the video game development studio. Students will learn about the Scrum software development framework and how different roles interact with each other within an indie and AAA gaming studio. No prior programming experience is required.

**GAME-110 GAME HISTORY AND ANALYSIS 3.00 Credits**

This course explores the history of games and its effect on culture through a hands-on approach. Students will be exposed to a broad range of game styles played throughout history while creating their own version of a game from the same period.

**GAME-130 2D GAME DEVELOPMENT 3.00 Credits**

This course provides a primer for students to get started in creating 2D games. Topics include assets, coordinates, 2D Physics, prefabs, scripting, user interfaces, and simple AI. Prerequisites: CITPT-206.

**GAME-230 3D GAME DEVELOPMENT 3.00 Credits**

This course is for experienced programmers who wish to learn about 3D game development. Students will explore various advanced programming concepts through multiple projects. Topics will include prototyping, programming camera-relative movements, 3D physics, animator controllers, animation states, skyboxes, audio controllers, coroutines, and connecting your game to the internet. Prerequisites: GAME-130.

**GAME-250 INTRODUCTION TO GAME AI 3.00 Credits**

In this course students will explore strategies commonly used in the gaming industry to solve game AI problems. Topics will include state machines, behavior trees, sensory systems, pathfinding, trigger systems, rule-based systems, agent awareness, and adaptation. Prerequisites: GAME-130.

**GAME-280 GAME DEVELOPMENT PROJECT I 4.00 Credits**

This project is divided into two courses (GAME-280 and GAME-281) where students will work in groups to create a simple game or simulation. Topics will include iterative development techniques, source control, testing, debugging, team communication, and game documentation. Prerequisites: GAME-230.

**GAME-281 GAME DEVELOPMENT PROJECT II 4.00 Credits**

This project is divided into two courses (GAME-280 and GAME-281) where students will work in groups to create a simple game or simulation. Students will work towards completing their game by focusing on adding final elements to their game. Additional topics introduced may include team dynamics, task prioritization, and other development practices. Prerequisites: GAME-280.

**GAME-282 GAME DEVELOPMENT PROJECT III 4.00 Credits**

This project is dedicated to adding to a game previously worked on by the student or a team of students, for the purpose of improving current features and/or implementing new features to the game. Prerequisite: GAME-230.

**GAME-294 INTERNSHIP IN GAME DEVELOPMENT 12.00 Credits**

Internship in Game Development.

**GNBPT-096 BASIC READING 3.00 Credits**

A one-semester, pre-program level course designed to enhance the reading skills of learners, and promote reading as the essential building block for future learning.

**GNBPT-097 BASIC ENGLISH 3.00 Credits**

Prepares students for success in other Business Technology & Service English classes. Test scores and/or recommendation of faculty will determine course placement. The primary focus will be on sentence structure.

**GNBPT-100 KEYBOARDING 1.00 Credit**

Build basic keyboarding and ten-key speed and accuracy using the proper techniques.

**GNBPT-101 BASIC ACCOUNTING 3.00 Credits**

This course is an introduction to accounting procedures for individual proprietorship businesses. Emphasis is on the accounting cycle, double-entry accounting, payroll, and procedures for handling transactions associated with both service and merchandising businesses. Students will practice proper accounting procedures manually and/or on spreadsheet software. It is also helpful to those who want to upgrade business skills for improved employability. Cross-listed with ACCPT-101.

**GNBPT-110 BUSINESS COMPUTER SKILLS 3.00 Credits**

Comprehensive computer course incorporating Windows, Word, Excel, Access, and PowerPoint using practical business and personal applications. Pre-requisite: Student must be able to type 28 wpm or take WRPPT-100.

**GNBPT-112 EXCEL 3.00 Credits**

This course is designed use advanced features of Excel and how they are used in business. Students will develop skills in advanced features, functions, and capabilities of Microsoft Excel as it is used in business. Pre-require: GNBPT-110.

**GNBPT-122 BUSINESS ENGLISH 3.00 Credits**

In this course, students will develop effective language usage with emphasis on correct grammar, punctuation, sentence structure, and the mechanics of writing business communication through the use of online office tools. Pre-requisite: Satisfactory placement score.

**GNBPT-185 BUSINESS COMMUNICATION 3.00 Credits**

Helps students become better writers of letters, memos, and other business documents. Includes principles of the English language, including correct grammar, spelling, punctuation, and word usage. Pre-requisite: ENGL-101 with a grade of C or better.

**GNBPT-190 DIRECTED STUDY IN GENERAL BUSINESS 1.00-6.00 Credits****GNBPT-191 WORKSHOP IN GENERAL BUSINESS 1.00-6.00 Credits****GNBPT-192 SPECIAL TOPICS IN GENERAL BUSINESS 1.00-6.00 Credits****GNBPT-194 INTERNSHIP IN GENERAL BUSINESS 1.00-12.00 Credits****GNBPT-194A INTERNSHIP IN GENERAL BUSINESS I 1.00-6.00 Credits**

Internship in General Business.

**GNBPT-194B INTERNSHIP IN GENERAL BUSINESS II 1.00-6.00 Credits**

Continuation of GNBPT 194A as a 100-level internship in General Business.

**GNBPT-194C INTERNSHIP IN GENERAL BUSINESS III 1.00-6.00 Credits**

Continuation of GNBPT 194B as an intermediate 100-level internship in General Business.

**GNBPT-194D INTERNSHIP IN GENERAL BUSINESS IV 1.00-6.00 Credits**

Continuation of GNBPT 194C as an intermediate to advanced 100-level internship in General Business.

**GNBPT-200 BUSINESS DOCUMENT PROCESSING 3.00 Credits**

In this course, students will develop proficiency using word processing software to create and format documents according to current business standards. Pre-requisite: Student must be able to type 28 wpm or take GNBPT-100.

**GNBPT-202 FINANCIAL BUSINESS APPLICATIONS 3.00 Credits**

Fundamental arithmetic processes applied to business activities including banking, equations, discounts, payroll, interest, notes, annuities, installment buying, depreciation, inventory, taxes, insurance, stocks, bonds, and business statistics. Pre-requisite: MATH-023, MATH-025, or MTHPT-103, with a grade of 'C' or better, or have satisfactory Math placement scores.

**GNBPT-210 BUSINESS PROFESSIONALS OF AMERICA 1.00-2.00 Credits**

Enhance professional development of students interested in careers in business. This student organization will focus on leadership skills, parliamentary procedure, interpersonal communication, and occupational skills. Students may participate in business-oriented community and campus projects along with state and national leadership conferences and competition. This course may be repeated for a maximum of 4 credits.

**GNBPT-214 DESKTOP PUBLISHING 3.00 Credits**

Teaches skills in page layout software to produce professional, high-quality documents containing text, graphics, and scanned images, using various publishing systems. Pre-requisite: GNBPT-110.

**GNBPT-222 BUSINESS EDITING 3.00 Credits**

Provides training in proofreading as well as realistic practice to apply skill. Increases abilities to spell, punctuate, and use words and numbers correctly. Pre-requisite: GNBPT-185.

**GNBPT-223 PROOFREADING FOR GRAPHIC DESIGN 3.00 Credits**

Provides training in proofreading in the graphic design and advertising field as well as realistic practice to apply skill. Increases abilities to spell, punctuate, and use words and numbers correctly.

**GNBPT-233 OFFICE PROCEDURES 3.00 Credits**

Teaches technical office skills (filing, telephone techniques, mailing procedures, etc.). Prepares students to project a professional image.

**GNBPT-235 ADMINISTRATIVE OFFICE MANAGEMENT 3.00 Credits**

This course is designed to give students the basic principles of office management including the areas of supervising and promoting office personnel, problem solving, decision making, communication, leadership, working in groups and teams.

**GNBPT-245 BUSINESS WRITING 3.00 Credits**

Development of skills in written communications, emphasis on writing business letters and reports. Pre-requisites: GNBPT-110, GNBPT-122, and two credits of GNBPT-200.

**GNBPT-290 DIRECTED STUDY IN GENERAL BUSINESS 1.00-6.00 Credits**

**GNBPT-291 WORKSHOP IN GENERAL BUSINESS 1.00-6.00 Credits**

**GNBPT-292 SPECIAL TOPICS IN GENERAL BUSINESS 1.00-6.00 Credits**

**GNBPT-294 INTERNSHIP IN GENERAL BUSINESS 1.00-12.00 Credits**

**GNBPT-294A INTERNSHIP IN GENERAL BUSINESS I 1.00-6.00 Credits**

Internship in General Business.

**GNBPT-294B INTERNSHIP IN GENERAL BUSINESS II 1.00-6.00 Credits**

Continuation of GNBPT 294A as a 200-level internship in General Business.

**GNBPT-294C INTERNSHIP IN GENERAL BUSINESS III 1.00-6.00 Credits**

Continuation of GNBPT 294B as an intermediate 200-level internship in General Business.

**GNBPT-294D INTERNSHIP IN GENERAL BUSINESS IV 1.00-6.00 Credits**

Continuation of GNBPT 294C as an intermediate to advanced 200-level internship in General Business.

**GNBPT-390 DIRECTED STUDY IN GENERAL BUSINESS 1.00-6.00 Credits**

**GNBPT-391 WORKSHOP IN GENERAL BUSINESS 1.00-6.00 Credits**

**GNBPT-392 SPECIAL TOPICS IN GENERAL BUSINESS 1.00-6.00 Credits**

**GNBPT-394 INTERNSHIP IN GENERAL BUSINESS 1.00-12.00 Credits**

**GNBPT-394A INTERNSHIP IN GENERAL BUSINESS I 1.00-6.00 Credits**

Internship in General Business.

**GNBPT-394B INTERNSHIP IN GENERAL BUSINESS II 1.00-6.00 Credits**

Continuation of GNBPT 394A as a 300-level internship in General Business.

**GNBPT-394C INTERNSHIP IN GENERAL BUSINESS III 1.00-6.00 Credits**

Continuation of GNBPT 394B as an intermediate 300-level internship in General Business.

**GNBPT-394D INTERNSHIP IN GENERAL BUSINESS IV 1.00-6.00 Credits**

Continuation of GNBPT 394C as an intermediate to advanced 300-level internship in General Business.

**GNBPT-490 DIRECTED STUDY IN GENERAL BUSINESS 1.00-6.00 Credits**

**GNBPT-491 WORKSHOP IN GENERAL BUSINESS 1.00-6.00 Credits**

**GNBPT-492 SPECIAL TOPICS IN GENERAL BUSINESS 1.00-6.00 Credits**

**GNBPT-494 INTERNSHIP IN GENERAL BUSINESS 1.00-12.00 Credits**

**GNBPT-494A INTERNSHIP IN GENERAL BUSINESS I 1.00-6.00 Credits**

Internship in General Business.



**GNBPT-494B INTERNSHIP IN GENERAL BUSINESS II 1.00-6.00 Credits**

Continuation of GNBPT 494A as a 400-level internship in General Business.

**GNBPT-494C INTERNSHIP IN GENERAL BUSINESS III 1.00-6.00 Credits**

Continuation of GNBPT 494B as an intermediate 400-level internship in General Business.

**GNBPT-494D INTERNSHIP IN GENERAL BUSINESS IV 1.00-6.00 Credits**

Continuation of GNBPT 494C as an intermediate to advanced 400-level internship in General Business.

**HRPT-184 DIVERSITY IN ORGANIZATIONS 3.00 Credits**

This course is designed to increase awareness and appreciation for the diversity that exists in contemporary American organizations. Students will explore historical and contemporary experiences from perspectives of both women and men of diverse races, ethnicities, social class, religions, sexual orientation, ages and abilities focusing on how those perspectives effect human relations in the workplace. Students will be encouraged to develop a critical consciousness and explore ways to eliminate negative stereotyping and discrimination that often leads to unequal treatment in organizations. Cross-listed with SS-184.

**HRPT-185 HUMAN RELATIONS IN ORGANIZATIONS 3.00 Credits**

Introduces students to the complexities of human interaction within contemporary organizations, offering strategies for coping and succeeding by utilizing perspective-taking while examining reality-based situations existing in today's workplace. Four major units within this course deal with: team-building, leading, conflict management (including how to deal with hostile work environment issues such as sexual harassment), and change management (both organizationally and individually) and how these issues impact organizational culture and individual behavior. Cross-listed with SS-185.

**HRPT-190 DIRECTED STUDY IN HUMAN RELATIONS 1.00-6.00 Credits****HRPT-191 WORKSHOP IN HUMAN RELATIONS 1.00-6.00 Credits****HRPT-192 SPECIAL TOPIC IN HUMAN RELATIONS 1.00-6.00 Credits****HRPT-270 HUMAN RELATIONS: CONFLICT MANAGEMENT 3.00 Credits**

This course will first identify the difference between disagreement and conflict, and put into context those differences: disagreement can be resolved while conflict can only be managed. The primary focus of this course will be on understanding the nature of conflict (and how it differs from disagreement), learning how to manage it, and if possible, to de-escalate it in both personal and professional situations.

**HRPT-275 THE DARK SIDE OF HUMAN RELATIONS 3.00 Credits**

This course is designed to investigate how individuals cope with difficult, problematic, distressing, and disruptive social interaction. The topics in this course are the hidden and forbidden aspects of interpersonal communication often examined within only one specific discipline. With the prime focus on the communicative dynamics of these social interactions this course will take an interdisciplinary perspective that spans communication, psychology, sociology, and other cognate disciplines; and will shine the light on the complexities, both moral and functional, involved in close relationship processes.

**HRPT-290 DIRECTED STUDY IN HUMAN RELATIONS 1.00-6.00 Credits****HRPT-291 WORKSHOP IN HUMAN RELATIONS 1.00-6.00 Credits****HRPT-292 SPECIAL TOPIC IN HUMAN RELATIONS 1.00-6.00 Credits****HRPT-390 DIRECTED STUDY IN HUMAN RELATIONS 1.00-6.00 Credits****HRPT-391 WORKSHOP IN HUMAN RELATIONS 1.00-6.00 Credits****HRPT-392 SPECIAL TOPIC IN HUMAN RELATIONS 1.00-6.00 Credits****HRPT-470 HUMAN RELATIONS: CONFLICT MANAGEMENT 3.00 Credits**

The primary focus of this course will be to understand the nature of conflict (and how it differs from disagreement), learning how to manage it, and if possible, to de-escalate it in both personal and professional situations. Cross-listed with COMM-470.

**HRPT-475 THE DARK SIDE OF HUMAN RELATIONS 3.00 Credits**

Will investigate how individuals cope with difficult, problematic, distressing, and disruptive social interaction. The topics in this course are the hidden and forbidden aspects of interpersonal communication often examined within only one specific discipline. With the prime focus on the communicative dynamics of these social interactions this course will take an interdisciplinary perspective that spans communication, psychology, sociology, and other cognitive disciplines; and will shine a light on the complexities, both moral and functional, involved in close relationship processes. Cross-listed with COMM-475.

**HRPT-490 DIRECTED STUDY IN HUMAN RELATIONS 1.00-6.00 Credits****HRPT-491 WORKSHOP IN HUMAN RELATIONS 1.00-6.00 Credits****HRPT-492 SPECIAL TOPIC IN HUMAN RELATIONS 1.00-6.00 Credits****HSMPT-101 INTRODUCTION TO HOSPITALITY WITH SERVSAFE CERTIFICATION 3.00 Credits**

This course is an introduction and overview of the primary facets of the Hospitality Travel & Tourism industry. It is to provide students with an understanding of the world of hospitality, travel and tourism and particularly to business as it applies to the industry. The business practices have been transformed by the intensity of competition, health safety, and redesign in all segments of the industry. Those charged with working in, owning, creating and managing hospitality businesses must understand the market dynamics and be adept at understanding, analyzing, actions on said analysis, and staying ahead of the trends. These are exciting times to enter the hospitality industry and this course will outline the opportunities available and begin to prepare you for the industry with tools and foundation required to function proficiently in your chosen profession. This course will also expose you to the important regulations, safety standards, and sanitation practices that are implemented within this industry. Using industry standards you will understand, demonstrate and apply principles of food safety and sanitation and, activities and all applications pertaining to food preparation and storage. By the end of the course students will understand national, state and local agencies responsible for both safety and sanitation. Students will also learn how these practices apply to other hospitality industries such as hotel, events, catering and more. A passing score of 70% or higher on the National Restaurant Association of America's-ServSafe Manger Certification exam is required to pass this course and receive the ServSafe Manager Certification.

**HSMPT-190 DIRECTED STUDY IN HOSPITALITY MANAGEMENT 1.00-6.00 Credits****HSMPT-191 WORKSHOP IN HOSPITALITY MANAGEMENT 1.00-6.00 Credits****HSMPT-192 SPECIAL TOPICS IN HOSPITALITY MANAGEMENT 1.00-6.00 Credits****HSMPT-194 INTERNSHIP IN HOSPITALITY MANAGEMENT 1.00-12.00 Credits****HSMPT-194A INTERNSHIP IN HOSPITALITY MANAGEMENT I 1.00-6.00 Credits**

Internship in Hospitality Management.

**HSMPT-194B INTERNSHIP IN HOSPITALITY MANAGEMENT II 1.00-6.00 Credits**

Continuation of HSMPT 194A as a 100-level internship in Hospitality Management.

**HSMPT-194C INTERNSHIP IN HOSPITALITY MANAGEMENT III 1.00-6.00 Credits**

Continuation of HSMPT 194B as an intermediate 100-level internship in Hospitality Management.

**HSMPT-194D INTERNSHIP IN HOSPITALITY MANAGEMENT IV 1.00-6.00 Credits**

Continuation of HSMPT 194C as an intermediate to advanced 100-level internship in Hospitality Management.

**HSMPT-210 FOOD AND BEVERAGE MANAGEMENT 3.00 Credits**

Teaches to successfully manage food and beverage operations found in lodging properties including coffee shops, gourmet dining rooms, room service, banquets, lounges, and entertainment/show rooms.

**HSMPT-220 HOSPITALITY SUPERVISION 3.00 Credits**

Emphasizes the supervisor position through the communication process, motivation techniques, business ethics, total quality management, procedures for conflict resolutions, and leadership development in the hospitality industry.

**HSMPT-221 FRONT OFFICE MANAGEMENT WITH EXECUTIVE HOUSE KEEPING 3.00 Credits**

Front Office management will help you to understand, organize, perform, and evaluate the Front Office functions that are critical to a hotel's success. This course details information about aspects of Front Office operations and management. It examines complex relationships between hotel departments, technological advancements, and unique Front Office strategies. Executive Housekeeping and Front Office Management are synonymous when it comes to sending a message of professionalism and quality. The Executive Housekeeping knowledge of this course is designed to provide important technical information for students to understand the day to day complexities of the housekeeping profession-from planning and organizing, to budgeting, to supervising and performing the work itself. The intended purpose of including Executive Housekeeping is to promote the importance of how these two segments of the hotel industry must coexist in order to function properly.

**HSMPT-243 HOSPITALITY MARKETING 3.00 Credits**

Provides students with a basic understanding of marketing in the hospitality industry.

**HSMPT-251 HOTEL/MOTEL OPERATIONS 3.00 Credits**

Provides students with an understanding of the functions of Security and Housekeeping Departments in hotels and motels. Demonstrates how these two departments influence each other and impact management.

**HSMPT-256 HOSPITALITY LAB/SKILLS DEVELOPMENT 3.00 Credits**

This 3-credit lab provides a food appreciation experience where students will examine the different preparation and service methods of commercial food operations. Students will gain an understanding of the standards, preparation, and the techniques and skills associated with commercial establishments. It will address the language of a professional kitchen to students who seek to become managers. Topics covered include tool skills, industry trends, management applications, property applications, shopping/inventories, creating menus, and mathematical applications. Students will participate in two-part modules that comprise theory (learning) and application (hands-on training); they will complete the modules with a "live" guest review of the food and course concepts. This course follows the passing of CULPT 101-01 Culinary Skills I in the "Semester of Exploration".

**HSMPT-257 HOSPITALITY LAB/SKILLS DEVELOPMENT 3.00 Credits**

This 3-credit lab is the continuation of a food appreciation experience where students will examine the different preparation and service methods of commercial food operations. Students will continue to gain an understanding of the standards, preparation, and the techniques and skills associated with commercial establishments. It will build on the skills acquired in previous Lab/Skills courses to enhance the professional students who seek to Understand the foods industry. Topics covered include tool skills, industry trends, management applications, property applications, shopping/inventories, creating menus, and mathematical applications. Students will participate in two-part modules that comprise theory (learning) and application (hands-on training); they will complete the modules with a "live" guest review of the food and course concepts. This will be the final Lab class for in all designated pathways minus the Culinary Arts pathway. Pre-requisites: CULPT-101 and HSMPT-256.

**HSMPT-267 INTERNSHIP IN HOSPITALITY MANAGEMENT 1.00-6.00 Credits**

Students will be placed in a variety of food and beverage operations and lodging properties. Gainful employment in the industry is encouraged early in the program.

**HSMPT-273 EVENTS MANAGEMENT 3.00 Credits**

This course will examine the anatomy of an event to establish the different layers of an event experience and the general process of professional event coordination.

**HSMPT-280 TECHNOLOGY IN HOSPITALITY, TRAVEL & TOURISM 3.00 Credits**

Technology in Hospitality, Travel & Tourism introduces students to the basic concept of technologies and automation seen in the industry. The industry continues to see significant changes in all facets of business due to changing customer expectations, transitions in delivery systems, new and cheaper technology, need of creativity and organization, and a challenging labor market. The result of these forces has lead the Hospitality, Travel & Tourism industry to increasingly turn to automation of basic job tasks to stay competitive and meet the needs of customers, clients and management. This course examines the new technologies shaping the hospitality industry and how industry leaders are taking advantage of these new technologies to improve efficiency and service.

**HSMPT-290 DIRECTED STUDY IN HOSPITALITY MANAGEMENT 1.00-6.00 Credits****HSMPT-292 SPECIAL TOPICS IN HOSPITALITY MANAGEMENT 1.00-6.00 Credits****HSMPT-294 INTERNSHIP IN HOSPITALITY MANAGEMENT 1.00-12.00 Credits****HSMPT-294A INTERNSHIP IN HOSPITALITY MANAGEMENT I 1.00-6.00 Credits**

Internship in Hospitality Management.

**HSMPT-294B INTERNSHIP IN HOSPITALITY MANAGEMENT II 1.00-6.00 Credits**

Continuation of HSMPT 294A as a 200-level internship in Hospitality Management.

**HSMPT-294C INTERNSHIP IN HOSPITALITY MANAGEMENT III 1.00-6.00 Credits**

Continuation of HSMPT 294B as an intermediate 200-level internship in Hospitality Management.

**HSMPT-294D INTERNSHIP IN HOSPITALITY MANAGEMENT IV 1.00-6.00 Credits**

Continuation of HSMPT 294C as an intermediate to advanced 200-level internship in Hospitality Management.

**HSMPT-356 HOSPITALITY LAB/SKILLS DEVELOPMENT II 3.00 Credits**

This 3-credit lab expands upon the skills and learning that students acquired in HSMPT-256. It provides a food appreciation experience where students will further examine the different preparation and service methods of commercial food operations. They will prepare and evaluate traditional and other restaurant menus for quality standards. Students will participate in two-part modules that comprise theory (learning) and application (hands-on training); they will complete the modules with a "live" guest review of the food and course concepts. Prerequisite: HSMPT-256.

**LAWPT-190 DIRECTED STUDY IN LAW 1.00-6.00 Credits****LAWPT-191 WORKSHOP IN LAW 1.00-6.00 Credits****LAWPT-192 SPECIAL TOPIC IN LAW 1.00-6.00 Credits****LAWPT-194 INTERNSHIP IN LAW 1.00-12.00 Credits****LAWPT-194A INTERNSHIP IN LAW I 1.00-6.00 Credits**

Internship in Law.

**LAWPT-194B INTERNSHIP IN LAW II 1.00-6.00 Credits**

Continuation of LAWPT 194A as a 100-level internship in Law.

**LAWPT-194C INTERNSHIP IN LAW III 1.00-6.00 Credits**

Continuation of LAWPT 194B as an intermediate 100-level internship in Law.

**LAWPT-194D INTERNSHIP IN LAW IV 1.00-6.00 Credits**

Continuation of LAWPT 194C as an intermediate to advanced 100-level internship in Law.

**LAWPT-219 LEGAL TERMINOLOGY 3.00 Credits**

Looks at multiple areas of law and the legal terminology relevant to each area.

**LAWPT-221 LEGAL TRANSCRIPTION 1.00-3.00 Credits**

Instruction and intensive practice in transcription procedures. Students will produce mailable legal documents and correspondence from voice transcribers. May be repeated up to 3 credits.

**LAWPT-223 LEGAL SUPPORT FUNDAMENTALS AND ETHICS 3.00 Credits**

A survey of the history, description, and role of legal assistants and paralegals and the professional rules of conduct that govern their work with lawyers.

**LAWPT-224 INTRODUCTION TO LAW 3.00 Credits**

An introduction to the American legal system and the role the law plays in society. Course will focus on the following areas: Foundation of American Law, Dimensions of Public Law, and Dimensions of Private Law.

**LAWPT-230 LEGAL RESEARCH AND WRITING I 3.00 Credits**

Students will learn to identify, locate, and properly cite primary and secondary authority. The course will examine both on-line sources and sources available in a law library. Recommended pre-requisite: ENGL 101 or GNBPT 122 or permission of instructor.

**LAWPT-233 BANKRUPTCY LAW AND PROCEDURES 3.00 Credits**

Study of Bankruptcy Act relating to filing and completion of bankruptcy and wage earner proceedings.

**LAWPT-253 LEGAL OFFICE EXPERIENCE 1.00-6.00 Credits**

Field experience in a local law-related office providing supervised training in legal tasks.

**LAWPT-265 BUSINESS LAW I 3.00 Credits**

Course includes an introduction to the American legal system and contract, consumer, personal, criminal, real and personal property law, torts, the court system, and contemporary legal problems in the business environment.

**LAWPT-274 LEGAL PROCEDURES 3.00 Credits**

Develop technical skills required for working in the legal profession. Instruction includes legal terminology, document format and preparation in various areas of law, and procedures that are specific to a legal office or practice. Pre-requisite: GNBPT-233.

**LAWPT-290 DIRECTED STUDY IN LAW 1.00-6.00 Credits**

**LAWPT-291 WORKSHOP IN LAW 1.00-6.00 Credits**

**LAWPT-292 SPECIAL TOPICS IN LAW 1.00-6.00 Credits**

**LAWPT-294 INTERNSHIP IN LAW 1.00-12.00 Credits**

**LAWPT-294A INTERNSHIP IN LAW I 1.00-6.00 Credits**

Internship in Law.

**LAWPT-294B INTERNSHIP IN LAW II 1.00-6.00 Credits**

Continuation of LAWPT 294A as a 200-level internship in Law.

**LAWPT-294C INTERNSHIP IN LAW III 1.00-6.00 Credits**

Continuation of LAWPT 294B as an intermediate 200-level internship in Law.

**LAWPT-294D INTERNSHIP IN LAW IV 1.00-6.00 Credits**

Continuation of LAWPT 294C as an intermediate to advanced 200-level internship in Law.

**LAWPT-321 REAL ESTATE LAW AND PROCEDURES 3.00 Credits**

The principles and theories of the law of real estate will be studied. In addition, the students will have a "hands-on" opportunity to study the procedures and documents necessary to apply such theory to assist a lawyer practicing in the field of Real Estate.

**LAWPT-322 PARALEGAL PROCEDURES FOR CRIMINAL LAW 3.00 Credits**

Students will study the principles of criminal law, criminal procedures, the criminal justice system, and the US Constitution and how they relate to one another. Also, students will gain an understanding of the importance in representing and/or prosecuting the criminal client.

**LAWPT-323 CIVIL LITIGATION 3.00 Credits**

In-depth study of the first phases of the civil litigation process from the legal system through filing a civil lawsuit and conducting investigations. Overviews of trial and post-trial procedures are also provided. Throughout the course the students will build proficiency in the specific competencies required of them as a member of the legal team. Pre-requisite: LAWPT-274.

**LAWPT-324 ADVANCED CIVIL LITIGATION 3.00 Credits**

The course continues the students' in-depth education in the civil litigation process from motions practice through post-trial procedure. Throughout the course the students will build proficiency in the specific competencies required of them as a member of the legal team. Pre-requisite: LAWPT-323.

**LAWPT-331 LEGAL RESEARCH AND WRITING II 3.00 Credits**

Continuation of LAWPT-230 with an emphasis in legal writing. Pre-requisite: LAWPT-230 or permission of instructor.

**LAWPT-332 WILLS, TRUSTS, AND ESTATES 3.00 Credits**

Designed to give students an overview of the theory and principles in this area of the law. The course will look at the requirements and formalities of drafting and executing wills and trusts and will provide students with an understanding of the probate process.

**LAWPT-341 BUSINESS ORGANIZATIONS 2.00 Credits**

Study of the substantive and procedural law surrounding the five major business structures: sole proprietorships, general partnerships, limited partnerships, limited liability companies, and corporations. Emphasis is placed on organizational structure and the manner in which business organizations are formed, operated, maintained, and dissolved. Pre-requisite: LAWPT 265 or LAWPT 365 or BUS 365 or permission of instructor.

**LAWPT-342 FAMILY LAW 3.00 Credits**

This course examines the area of family law, including divorce, separation, custody, adoption, guardianship, and court procedures. In addition, students will prepare a variety of legal documents necessary in working with a family law attorney.

**LAWPT-345 TORT LAW 3.00 Credits**

Introduces students to the law of torts. This area of the law is concerned with an individual's rights with regard to civil wrongs. Pre-requisite: LAWPT-224 or LAWPT-230, or permission of instructor.

**LAWPT-365 BUSINESS LAW II 3.00 Credits**

Course includes an introduction to the American legal system and contract, consumer, personal, criminal, real and personal property law, torts, the court system, and contemporary legal problems in the business environment. Students enrolled in this course will be required to complete more complex topic exercises in addition to a final research project.

**LAWPT-367 INTERNSHIP IN LAW 1.00-6.00 Credits**

Field experience working as a paralegal in local law offices or other law-related environment. Pre-requisite: permission of instructor.

**LAWPT-390 DIRECTED STUDY IN LAW 1.00-6.00 Credits****LAWPT-391 WORKSHOP IN LAW 1.00-6.00 Credits****LAWPT-392 SPECIAL TOPICS IN LAW 1.00-6.00 Credits****LAWPT-394 INTERNSHIP IN LAW 1.00-12.00 Credits****LAWPT-394A INTERNSHIP IN LAW I 1.00-6.00 Credits**

Internship in Law.

**LAWPT-394B INTERNSHIP IN LAW II 1.00-6.00 Credits**

Continuation of LAWPT 394A as a 300-level internship in Law.

**LAWPT-394C INTERNSHIP IN LAW III 1.00-6.00 Credits**

Continuation of LAWPT 394B as an intermediate 300-level internship in Law.

**LAWPT-394D INTERNSHIP IN LAW IV 1.00-6.00 Credits**

Continuation of LAWPT 394C as an intermediate to advanced 300-level internship in Law.

**LAWPT-490 DIRECTED STUDY IN LAW 1.00-6.00 Credits****LAWPT-491 WORKSHOP IN LAW 1.00-6.00 Credits****LAWPT-492 SPECIAL TOPICS IN LAW 1.00-6.00 Credits****LAWPT-494 INTERNSHIP IN LAW 1.00-12.00 Credits****LAWPT-494A INTERNSHIP IN LAW I 1.00-6.00 Credits**

Internship in Law.

**LAWPT-494B INTERNSHIP IN LAW II 1.00-6.00 Credits**

Continuation of LAWPT 494A as a 400-level internship in Law.

**LAWPT-494C INTERNSHIP IN LAW III 1.00-6.00 Credits**

Continuation of LAWPT 494B as an intermediate 400-level internship in Law.

**LAWPT-494D INTERNSHIP IN LAW IV 1.00-6.00 Credits**

Continuation of LAWPT 494C as an intermediate to advanced 400-level internship in Law.

**MEDPT-170 MEDICAL INSURANCE 3.00 Credits**

The goal of this class is to provide students with the appropriate skills and knowledge needed to understand the many aspects of medical insurance in a medical setting and to increase efficiency and streamline administrative procedures for one of the most complex tasks of the physician's business, which is insurance coding and billing.

**MEDPT-173 MEDICAL TERMINOLOGY 3.00 Credits**

This course provides students with a working knowledge of the language of medicine. This includes combining of roots, prefixes, and suffixes to form medical terms; linking medical terms, anatomy, and physiology in order to effectively communicate in a medical facility.

**MEDPT-175 ADMINISTRATIVE MEDICAL ASSISTING I 3.00 Credits**

Medical office personnel responsibilities in administration, financial management, and medical record keeping; plus ethical and legal obligations of the staff in a medical facility. Recommended co-requisite: MEDPT-173.

**MEDPT-185 MED ASST PROFESSION & FOUNDATIONS 3.00 Credits**

This course provides students with both an introduction to and survey of the Medical Assistant profession, as well as skills that serve as the foundation to the profession. Course will cover theoretical concepts including (but not limited to) scope of practice, communication, ethics-law, and professionalism, along with introductory foundational skills such as vital signs and medial asepsis. Pre-Requisite: MEDPT-173, with a grade of C or better.

**MEDPT-190 DIRECTED STUDY IN MEDICAL 1.00-6.00 Credits**

**MEDPT-191 WORKSHOP IN MEDICAL 1.00-6.00 Credits**

**MEDPT-192 SPECIAL TOPICS IN MEDICAL 1.00-6.00 Credits**

**MEDPT-194 INTERNSHIP IN MEDICAL 1.00-12.00 Credits**

**MEDPT-194A INTERNSHIP IN MEDICAL I 1.00-6.00 Credits**

Internship in Medical.

**MEDPT-194B INTERNSHIP IN MEDICAL II 1.00-6.00 Credits**

Continuation of MEDPT 194A as a 100-level internship in Medical.

**MEDPT-194C INTERNSHIP IN MEDICAL III 1.00-6.00 Credits**

Continuation of MEDPT 194B as an intermediate 100-level internship in Medical.

**MEDPT-194D INTERNSHIP IN MEDICAL IV 1.00-6.00 Credits**

Continuation of MEDPT 194C as an intermediate to advanced 100-level internship in Medical.

**MEDPT-240 PHARMACOLOGY FOR HEALTH PROFESSIONS 3.00 Credits**

Gain the principles of pharmacology for people who are preparing to work in an ambulatory medical care setting. Will include general aspects of pharmacology, mathematics for pharmacology and dosage calculations, medication administration, pharmacology for multisystem application and medications related to body systems. Pre-requisite: MEDPT-173, MTHPT-130, BIOL-175 or BIOL-227 & 228, ENGL 101 all with grade of C or better.

**MEDPT-245 PHLEBOTOMY FOR HEALTH PROFESSIONS 2.00 Credits**

Provides knowledge and skills needed to perform phlebotomy procedures commonly used in health care setting and facilities. The fundamentals of blood drawing and testing will be taught utilizing aseptic technique and universal precautions as standard for all procedures. Students will be performing venous and capillary blood withdrawal techniques and will be trained in blood testing that is commonly used in health care facilities. Phlebotomy and laboratory quality control measures will be emphasized throughout this course. Pre-requisite: MEDPT-255 with a grade of 'C' or better.

**MEDPT-251 MEDICAL TRANSCRIPTION I 3.00 Credits**

Techniques and transcription procedures for all forms of medical dictation. Recommended Pre-requisites: MEDPT 172, WRPPT 200, GNBPT 222.

**MEDPT-252 CLINICAL EXPERIENCE 1.00-6.00 Credits**

Field experience in local doctor's office or medical facility. This is a variable credit course and will require an advising component prior to enrollment, however, course credits equaling 180 hours will be required in the field. In addition students will be required to meet on campus for lecture, skills review, discussion, paperwork submission, documentation and reporting, as well as CMA Exam preparation. Pre-requisite: Must obtain and/or provide proof of CURRENT BLS Healthcare Provider CPR certification PRIOR to field placement, and have permission of instructor.

**MEDPT-255 MEDICAL ASSISTING I 5.00 Credits**

Provides basic knowledge and skills needed to perform the job duties of a medical assistant. Provides theory and practice in clinical procedures for the medical assistant student who will work as a member of the health care team in ambulatory settings such as medical offices and clinics. Students must complete and pass all pre-requisite courses with a C or higher to be considered for placement into the Medical Assistant program. Pre-requisites: MEDPT-173, MTHPT-130, BIOL-175 or BIOL-227 & 228, ENGL 101 all with grade of C or better.

**MEDPT-259 PATIENT RECORD SYSTEMS 3.00 Credits**

Provides instruction in formatting and maintaining patient financial records in a medical facility. Utilizes a computer software program.

**MEDPT-260 MEDICAL ASSISTING II 5.00 Credits**

Provides theory and practice in clinical assisting including specialty exams and procedures, e.g. minor office surgery, diagnostic imaging and electrocardiography, urinalysis, specimen collection and preparation, venipuncture, and medication administration. Students are required to obtain and/or provide proof of CURRENT BLS Healthcare Provider CPR certification PRIOR to the MEDPT-252 Clinical Experience course. Students who have not already obtained said certification must complete requirement concurrently with this course. Pre-requisite: MEDPT-255 with grade of C or better.

**MEDPT-261 MEDICAL TRANSCRIPTION II 3.00 Credits**

Continuation of transcription techniques and procedures required for all forms of medical dictation. Recommended pre-requisite: MEDPT 251.

**MEDPT-275 MEDICAL CODING 3.00 Credits**

Prepares students for insurance billing in a medical facility. Completion of insurance claim forms and the governing regulations will be covered in-depth. Students will also learn how to code chart notes, radiology, laboratory, and surgical procedures through the use of ICD-10, CPT and HCPCS resources as prepared by the American Medical Association, latest edition. Pre-requisites: MEDPT-173.

**MEDPT-285 MEDICAL CODING II 3.00 Credits**

This course is designed to help students master the complexity of medical coding. Using the Current Procedural Terminology (CPT), the Healthcare Common Procedure Coding System (HCPCS), the International Classification of Diseases, Clinical Modification (ICD-10-CM) coding books, students will convert written descriptions of diseases, injuries, and procedures into numeric designations. This course will go into further detail of all coding. Exercises will cover all of the medical specialties, and will deal with the common coding problems encountered in the real medical world environment. Skill emphasis is placed on knowledge of coding theories and practical coding applications. Pre-requisites: MEDPT-173 and MEDPT-275.



**MEDPT-290 DIRECTED STUDY IN MEDICAL 1.00-6.00 Credits**

**MEDPT-291 WORKSHOP FOR MEDICAL 1.00-6.00 Credits**

**MEDPT-292 SPECIAL TOPICS IN MEDICAL 1.00-6.00 Credits**

**MEDPT-294 INTERNSHIP IN MEDICAL 1.00-12.00 Credits**

**MEDPT-294A INTERNSHIP IN MEDICAL I 1.00-6.00 Credits**

Internship in Medical.

**MEDPT-294B INTERNSHIP IN MEDICAL II 1.00-6.00 Credits**

Continuation of MEDPT 294A as a 200-level internship in Medical.

**MEDPT-294C INTERNSHIP IN MEDICAL III 1.00-6.00 Credits**

Continuation of MEDPT 294B as an intermediate 200-level internship in Medical.

**MEDPT-294D INTERNSHIP IN MEDICAL IV 1.00-6.00 Credits**

Continuation of MEDPT 294C as an intermediate to advanced 200-level internship in Medical.

**MEDPT-390 DIRECTED STUDY IN MEDICAL 1.00-6.00 Credits**

**MEDPT-391 WORKSHOP IN MEDICAL 1.00-6.00 Credits**

**MEDPT-392 SPECIAL TOPICS IN MEDICAL 1.00-6.00 Credits**

**MEDPT-394 INTERNSHIP IN MEDICAL 1.00-12.00 Credits**

**MEDPT-394A INTERNSHIP IN MEDICAL I 1.00-6.00 Credits**

Internship in Medical.

**MEDPT-394B INTERNSHIP IN MEDICAL II 1.00-6.00 Credits**

Continuation of MEDPT 394A as a 300-level internship in Medical.

**MEDPT-394C INTERNSHIP IN MEDICAL III 1.00-6.00 Credits**

Continuation of MEDPT 394B as an intermediate 300-level internship in Medical.

**MEDPT-394D INTERNSHIP IN MEDICAL IV 1.00-6.00 Credits**

Continuation of MEDPT 394C as an intermediate to advanced 300-level internship in Medical.

**MEDPT-490 DIRECTED STUDY IN MEDICAL 1.00-6.00 Credits**

**MEDPT-491 WORKSHOP IN MEDICAL 1.00-6.00 Credits**

**MEDPT-492 SPECIAL TOPICS IN MEDICAL 1.00-6.00 Credits**

**MEDPT-494 INTERNSHIP IN MEDICAL 1.00-12.00 Credits**

**MEDPT-494A INTERNSHIP IN MEDICAL I 1.00-6.00 Credits**

Internship in Medical.

**MEDPT-494B INTERNSHIP IN MEDICAL II 1.00-6.00 Credits**

Continuation of MEDPT 494A as a 400-level internship in Medical.

**MEDPT-494C INTERNSHIP IN MEDICAL III 1.00-6.00 Credits**

Continuation of MEDPT 494B as an intermediate 400-level internship in Medical.

**MEDPT-494D INTERNSHIP IN MEDICAL IV 1.00-6.00 Credits**

Continuation of MEDPT 494C as an intermediate to advanced 400-level internship in Medical.

**MGTP-101 INTRODUCTION TO BUSINESS 3.00 Credits**

Increases student awareness of business functions and the business environment. Crosslisted with BUS-101.

**MGTP-190 DIRECTED STUDY IN MANAGEMENT 1.00-6.00 Credits**

**MGTP-191 WORKSHOP IN MANAGEMENT 1.00-6.00 Credits**

**MGTP-192 SPECIAL TOPICS IN MANAGEMENT 1.00-6.00 Credits**

**MGTP-194 INTERNSHIP IN MANAGEMENT 1.00-12.00 Credits**

**MGTP-194A INTERNSHIP IN MANAGEMENT I 1.00-6.00 Credits**

Internship in Management.

**MGTP-194B INTERNSHIP IN MANAGEMENT II 1.00-6.00 Credits**

Continuation of MGTP 194A as a 100-level internship in Management.

**MGTP-194C INTERNSHIP IN MANAGEMENT III 1.00-6.00 Credits**

Continuation of MGTP 194B as an intermediate 100-level internship in Management.

**MGTP-194D INTERNSHIP IN MANAGEMENT IV 1.00-6.00 Credits**

Continuation of MGTP 194C as an intermediate to advanced 100-level internship in Management.

**MGTPT-205 SMALL BUSINESS MANAGEMENT 3.00 Credits**

Studies basic factors involved in initiating and managing a business enterprise. Emphasis on business objectives, failure and success factors, problems of a new business, locations, facilities, staffing, planning, and financing. Students will relate these factors to local business operations and will develop a business plan.

**MGTPT-220 SUPERVISION 3.00 Credits**

Prepares students for a role as a front line supervisor. It is intended to be a capstone course for any business-type program. Concept applications include employee motivation, hiring, firing, development, mentoring, organization, and other contemporary issues.

**MGTPT-270 BUSINESS ETHICS 3.00 Credits**

This course introduces basic business ethical concepts, principles, and examples. Topics focus on solving moral dilemmas and introduce the stakeholder and issues management methods as a strategic and practical way for applying ethical reasoning in the workplace. Emphasis is placed on establishing solid decision criteria, moral creativity, and responsibility in ethical reasoning. This course also fosters an awareness of corporate responsibility in advertising, product safety and liability, and the environment. Timely ethical issues such as globalization, discrimination, sexual harassment, and whistle-blowing will be discussed as they relate to the workplace.

**MGTPT-275 INTRO HUMAN RESOURCE MANAGEMENT 3.00 Credits**

The course is an introductory course in the principles of planning, directing and controlling people functions in an organization. Emphasis is on the effective implementation of a comprehensive human resources program, including the recruitment, development, evaluation, and motivation of employees. The curriculum is designed to provide a basic understanding as well as appreciation of the importance of human resource management in today's competitive business environment, as well as the HR information students will need to be effective managers in either a large or small company setting. The course will also examine the impact of human resource management practices and decisions on both organizational and individual performance.

**MGTPT-290 DIRECTED STUDY IN MANAGEMENT 1.00-6.00 Credits****MGTPT-291 WORKSHOP IN MANAGEMENT 1.00-6.00 Credits****MGTPT-292 SPECIAL TOPICS IN MANAGEMENT 1.00-6.00 Credits****MGTPT-294 INTERNSHIP IN MANAGEMENT 1.00-12.00 Credits****MGTPT-294A INTERNSHIP IN MANAGEMENT I 1.00-6.00 Credits**

Internship in Management.

**MGTPT-294B INTERNSHIP IN MANAGEMENT II 1.00-6.00 Credits**

Continuation of MGTPPT 294A as a 200-level internship in Management.

**MGTPT-294C INTERNSHIP IN MANAGEMENT III 1.00-6.00 Credits**

Continuation of MGTPPT 294B as an intermediate 200-level internship in Management.

**MGTPT-294D INTERNSHIP IN MANAGEMENT IV 1.00-6.00 Credits**

Continuation of MGTPPT 294C as an intermediate to advanced 200-level internship in Management.

**MGTPT-390 DIRECTED STUDY IN MANAGEMENT 1.00-6.00 Credits****MGTPT-391 WORKSHOP IN MANAGEMENT 1.00-6.00 Credits****MGTPT-392 SPECIAL TOPICS IN MANAGEMENT 1.00-6.00 Credits****MGTPT-394 INTERNSHIP IN MANAGEMENT 1.00-12.00 Credits****MGTPT-394A INTERNSHIP IN MANAGEMENT I 1.00-6.00 Credits**

Internship in Management.

**MGTPT-394B INTERNSHIP IN MANAGEMENT II 1.00-6.00 Credits**

Continuation of MGTPPT 394A as a 300-level internship in Management.

**MGTPT-394C INTERNSHIP IN MANAGEMENT III 1.00-6.00 Credits**

Continuation of MGTPPT 394B as an intermediate 300-level internship in Management.

**MGTPT-394D INTERNSHIP IN MANAGEMENT IV 1.00-6.00 Credits**

Continuation of MGTPPT 394C as an intermediate to advanced 300-level internship in Management.

**MGTPT-490 DIRECTED STUDY IN MANAGEMENT 1.00-6.00 Credits****MGTPT-491 WORKSHOP IN MANAGEMENT 1.00-6.00 Credits****MGTPT-492 SPECIAL TOPICS IN MANAGEMENT 1.00-6.00 Credits****MGTPT-494 INTERNSHIP IN MANAGEMENT 1.00-12.00 Credits****MGTPT-494A INTERNSHIP IN MANAGEMENT I 1.00-6.00 Credits**

Internship in Management.

**MGTPT-494B INTERNSHIP IN MANAGEMENT II 1.00-6.00 Credits**

Continuation of MGTPPT 494A as a 400-level internship in Management.



**MGTPT-494C INTERNSHIP IN MANAGEMENT III 1.00-6.00 Credits**

Continuation of MGTPPT 494B as an intermediate 400-level internship in Management.

**MGTPT-494D INTERNSHIP IN MANAGEMENT IV 1.00-6.00 Credits**

Continuation of MGTPPT 494C as an intermediate to advanced 400-level internship in Management.

**MKTPT-130 INTRODUCTION TO MARKETING 3.00 Credits**

This course covers various topics related to marketing and its applications in business and society. The course focuses on key concepts including assessing, understanding, and targeting the market place. The creation of value, pricing, channel selection and integrated marketing communications will also be explored.

**MKTPT-190 DIRECTED STUDY IN MARKETING 1.00-6.00 Credits****MKTPT-191 WORKSHOP IN MARKETING 1.00-6.00 Credits****MKTPT-192 SPECIAL TOPICS IN MARKETING 1.00-6.00 Credits****MKTPT-194 INTERNSHIP IN MARKETING 1.00-12.00 Credits****MKTPT-207 RETAILING 3.00 Credits**

This class is designed to provide students with the necessary skills to make efficient and productive decisions in the retailing and service industries. Topics include m-commerce, e-commerce, human resources, operations, merchandising, supply-chain management, and of course, customer service.

**MKTPT-235 CAREER SKILLS 3.00 Credits**

This course presents practical strategies that prepare students to confirm an appropriate career, to conduct a successful job search and to lay the foundation for successful career development. Emphasis is on Career Action assignments to assess skills and interests, to research prospective employers, to learn about current application requirements, to prepare resumes and cover letters, to practice meeting with business people in a targeted career field and to practice interviewing. These assignments polish job search and career management skills so students can apply them directly to achieving immediate and future career goals. This is a capstone course, intended mostly for graduating students.

**MKTPT-255 ORGANIZATIONAL LEADERSHIP 3.00 Credits**

This course is designed to offer students many opportunities of interaction to achieve the goals of an organization. Instruction will focus first on each student's personal knowledge, skills, and attitudes of organizational leadership and leadership examples. The purpose in learning about organizational leaders and leadership is to enable each student to become a better leader and follower. The objective is to provide a forum for the development of analysis, strategies, skills and techniques that promote successful leadership within organizations. As students develop the effective leadership skills, the course will focus on how that individual can effectively work within an organization's mission, structure and culture, members roles, rules, dynamics, and meeting management. Most of the focus will be on membership organizations.

**MKTPT-270 APPLIED MARKETING 3.00 Credits**

This course is designed to provide an avenue in which students will apply their broader business skills and training to a narrower, more detailed area of expertise. The content includes critical thinking, planning and strategy implementation, presentation skills and management decision-making. Course curriculum integrates curriculum and criteria of Delta Epsilon Chi competitive events including, Sports and Entertainment Marketing, Design, Sales Representatives, Advertising Campaign, and Web Site Development. Students may choose to enter their final project in DEC's annual conferences and competitions.

**MKTPT-290 DIRECTED STUDY IN MARKETING 1.00-6.00 Credits****MKTPT-291 WORKSHOP IN BUSINESS 1.00-6.00 Credits****MKTPT-292 SPECIAL TOPICS IN MARKETING 1.00-6.00 Credits****MKTPT-294 INTERNSHIP IN MARKETING 1.00-12.00 Credits****MKTPT-390 DIRECTED STUDY IN MARKETING 1.00-6.00 Credits****MKTPT-391 WORKSHOP IN MARKETING 1.00-6.00 Credits****MKTPT-392 SPECIAL TOPICS IN MARKETING 1.00-6.00 Credits****MKTPT-394 INTERNSHIP IN MARKETING 1.00-12.00 Credits****MKTPT-490 DIRECTED STUDY IN MARKETING 1.00-6.00 Credits****MKTPT-491 WORKSHOP IN MARKETING 1.00-6.00 Credits****MKTPT-492 SPECIAL TOPICS IN MARKETING 1.00-6.00 Credits****MKTPT-494 INTERNSHIP IN MARKETING 1.00-12.00 Credits****MTHPT-010 ARITHMETIC /PRE-ALGEBRA 3.00 Credits**

This course is designed to provide students with a solid foundation in those areas of arithmetic and pre-algebra that will be encountered in MTHPT-103: Applied Algebra. While this course is specifically designed to meet the needs of students enrolled in the Technical & Industrial and the Business Technology & Service programs, students in other programs are welcome, space permitting. The course utilizes algebraic concepts to review the basic operations with the learning process adapted to the adult learner. Major topics include a review of arithmetic, fractions; decimals; percents; signed numbers; scientific notation, introduction to unit conversions, and an introduction to algebra. The emphasis will be on working problems that have practical applications in the real workplace.

**MTHPT-103 APPLIED ALGEBRA 3.00 Credits**

Provides students with a review of pre-algebra, and includes problem-solving techniques, estimating, measurement, data handling, and the use of algebraic formulas to solve problems in the workplace. Additional mathematical topics include quadratic equations, systems of linear equations, geometry and geometric solids, as well as right and oblique triangle trigonometry. Pre-requisite: A grade of 'C' or better in MTHPT-010, MTHPT-012, or MATH-015 or satisfactory math placement. Course fee.

**MTHPT-103P SUPPLEMENTAL INSTRUCTION FOR MTHPT 103 1.00 Credit**

This course is designed to support students in those areas of pre-algebra and algebra that will be encountered in MTHPT-103: Applied Algebra. Possible topics are a review of arithmetic, fractions, decimals, percents, signed numbers, scientific notation, unit conversions, and an introduction to algebra. Pre-requisite: This course must be taken concurrently with MTHPT-103.

**MTHPT-130 FINITE MATHEMATICS 3.00 Credits**

Systems of linear equations and inequalities, elementary matrix algebra, introduction to linear programming, elementary discrete probability and statistics. Emphasis on applications to business, economics and social sciences. Pre-requisite: MATH-025, or MTHPT-103, with a grade of 'C' or better, or have satisfactory Math placement score.

**MTHPT-137 MATH FOR TECHNOLOGY 4.00 Credits**

This course fulfills the skills component of the General Education core and provides students with a solid foundation in those areas of algebra, geometry, and trigonometry which are currently pervasive in technical and industrial technologies. Mathematical topics include Cartesian coordinate system, representations of lines, and functions of one or more independent variables, polynomial, radical, exponential, and logarithmic equations, matrix algebra, and systems of equations, radian and degree measure, right-angle trigonometry, law of sines and cosines, and vectors in applied settings, probability theory, and statistics. This course will emphasize technical applications. Pre-requisite: A grade of 'C' or better in MATH-025, MTHPT-103 or satisfactory math placement.

**MTHPT-153 STATISTICAL REASONING 3.00 Credits**

This course introduces students to problem solving and decision making using single and multivariable statistical models. The course focuses on conceptual understanding of randomness, variability, statistical models, and inference through exploration of data. The use of technology for analysis of data is integrated throughout. Topics include descriptive statistics, probability, hypothesis testing, confidence intervals, likelihood ratios, correlation, and regression. Pre-requisite: A grade of 'C' or better in MATH-023, MATH-025, or MTHPT-103 or satisfactory math placement.

**MTHPT-190 DIRECTED STUDY IN MATHEMATICS 1.00-6.00 Credits****MTHPT-191 WORKSHOP IN MATHEMATICS 1.00-6.00 Credits****MTHPT-192 SPECIAL TOPIC IN MATHEMATICS 1.00-6.00 Credits****MTHPT-290 DIRECTED STUDY IN MATHEMATICS 1.00-6.00 Credits****MTHPT-291 WORKSHOP IN MATHEMATICS 1.00-6.00 Credits****MTHPT-292 SPECIAL TOPIC IN MATHEMATICS 1.00-6.00 Credits****MTHPT-390 DIRECTED STUDY IN MATHEMATICS 1.00-6.00 Credits****MTHPT-391 WORKSHOP IN MATHEMATICS 1.00-6.00 Credits****MTHPT-392 SPECIAL TOPIC IN MATHEMATICS 1.00-6.00 Credits****MTHPT-490 DIRECTED STUDY IN MATHEMATICS 1.00-6.00 Credits****MTHPT-491 WORKSHOP IN MATHEMATICS 1.00-6.00 Credits****MTHPT-492 SPECIAL TOPIC IN MATHEMATICS 1.00-6.00 Credits****PITPT-101 INTRODUCTION TO PRINTING TECHNOLOGY 3.00 Credits**

Introduces students to Graphic Arts/Printing Technology. Includes a short history of communication followed by a general overview of prepress and preparation basics, printing processes, digital imaging, finishing and binding, workflow, publishing, new media, typography, and design. Students will also look at the future of communications, new issues in the field, and current industry trends.

**PITPT-102 INTRO/GRAPHIC COMMUNICATIONS 3.00 Credits**

Graphic Communications is the process of communicating visually using typography and images to present information. Graphic design practice embraces a range of cognitive skills, aesthetics, and crafts, including typography, visual arts, and page layout. Like other forms of design, graphic communications often refers to both the process (designing) by which the communication is created and the products (designs) which are generated. We will learn various techniques and processes on how to disseminate such information.

**PITPT-111 INTRODUCTION TO PACKAGING 3.00 Credits**

This course will introduce students to the packaging industry with an emphasis on corrugated packaging. Content will explore various substrates used in packaging, common industry practices, and the production process from raw materials to structural design and printing. Students will get the opportunity to view production processes first-hand with field trips to regional packaging facilities. Content will be delivered via a combination of lecture, demonstration, and industry-provided web-based resources.

**PITPT-115 DIGITAL IMAGE PREPARATION 3.00 Credits**

This course presents the concept of high end printing utilizing Adobe PageMaker. Printed materials need to be laid out for press production and finishing procedures-students will "work backwards" with the total printing production in mind. Students will understand crop marks, document size, press sheet size, among other basic needs in the print world. Pre-requisites: PITPT-101 and GNBPT-110 or permission of instructor.

**PITPT-119 ADOBE INDESIGN 3.00 Credits**

Students will explore and use Adobe InDesign in a print production workflow with special attention to prepress activities. Whether switching from other page layout programs, or learning layout for the first time, this course will cover all the basics used in the real-world process of creating documents, working with text and objects, applying formatting and styles, placing images, managing color, and outputting files.

**PITPT-129 ADOBE ILLUSTRATOR 3.00 Credits**

Adobe Illustrator is a sophisticated graphics program capable of creating complex and attractive illustrations with type effects, including logos, advertisements and other illustrations. Students will learn basic drawing, coloring, and editing. The student will then advance to transparency, type, advanced path tools, special effects and more.

**PITPT-131 OFFSET PRESS I 7.00 Credits**

Introductory offset presswork and pressroom procedures, including feeding and delivery systems, press adjustments, chemistry, papers, and ink.

**PITPT-133 FINISHING AND BINDING 3.00 Credits**

Theory and practice in basic bindery and finishing operations including cutting, folding, drilling, stitching, binding, scoring and perforating.

**PITPT-134 GRAPHIC COMMUNICATIONS I 3.00 Credits**

This course will provide a hands on approach to the fundamentals of designing for print and digital production, from the early stage of conception and planning, to the technical stages of file and color management, with a focus on critical thinking and realistic application of projects. Structured around the graphic communications print and digital production flow, essential material will be taught for all aspects of the process, including coverage of computers, color management, layouts, file format optimization, designing for digital and print production, designing with accessibility in mind, ethical and legal issues, and much more. Pre-requisite: PITPT-129.

**PITPT-135 GRAPHIC COMMUNICATIONS II 3.00 Credits**

This course will be a continuation of Graphic Communications I, and build more extensively upon prepress post-press and finishing/binding processes. The course will include theory and practice in basic bindery and finishing operations, including cutting, folding, drilling, stitching, binding, scoring, and perforating. Students will learn and gain knowledge of paper types related to their grain directions, cutting, folding and binding characteristics. This course will also build upon skills learned in other Graphic Communications courses, and students will be able to turn their designs into actual production from concept to delivery, using a hands on approach. Pre-Requisite: PITPT-134.

**PITPT-139 ADOBE PHOTOSHOP 3.00 Credits**

Students will explore and use Adobe Photoshop for photo editing. Instruction includes an overview of the software, including simple functions such as managing documents and palettes, then moving on to cover more specific topics such as image adjustment and manipulation, tonal and color correction, brush settings, cloning, healing, and other advanced tools, layers, masks, type, blending modes, filters, layer effects, and much more.

**PITPT-154 PRINT PRODUCTION TECHNIQUES 3.00 Credits**

This course will sharpen students' print production skills with definitive resources created specifically for design professionals who need to create files using the Adobe Creative Suite applications, including InDesign, Photoshop, Illustrator and Acrobat. Instruction will be an overview for hands-on techniques to prepare files, edit photos and graphics and prevent common problems without missing a deadline. Course instruction will also consist of a more in-depth study of the physical requirements of the printing process.

**PITPT-190 DIRECTED STUDY IN PRINTING 1.00-6.00 Credits****PITPT-191 WORKSHOP IN PRINTING TECHNOLOGY 1.00-6.00 Credits****PITPT-192 SPECIAL TOPICS IN PRINTING TECHNOLOGY 1.00-6.00 Credits****PITPT-194 INTERNSHIP IN PRINTING TECHNOLOGY 1.00-12.00 Credits****PITPT-194A INTERNSHIP IN PRINTING TECHNOLOGY I 1.00-6.00 Credits**

Internship in Printing Technology.

**PITPT-194B INTERNSHIP IN PRINTING TECHNOLOGY II 1.00-6.00 Credits**

Continuation of PITPT 194A as a 100-level internship in Printing Technology.

**PITPT-194C INTERNSHIP IN PRINTING TECHNOLOGY III 1.00-6.00 Credits**

Continuation of PITPT 194B as an intermediate 100-level internship in Printing Technology.

**PITPT-194D INTERNSHIP IN PRINTING TECHNOLOGY IV 1.00-6.00 Credits**

Continuation of PITPT 194C as an intermediate to advanced 100-level internship in Printing Technology.

**PITPT-201 ADVANCED DIGITAL IMAGE PREPARATION 4.00 Credits**

Advanced digital preparation methods, emphasizing system and file management, file compression and conversion, and network operating systems. This course teaches the function and usage of digital imagesetters and to identify and compare digital proofing systems. Students will demonstrate the ability to preflight and apply file repair procedures. Pre-requisite: PITPT-115 or permission of instructor.

**PITPT-202 ADOBE PHOTOSHOP 3.00 Credits**

This class is designed for students who need to learn the fundamentals of Adobe Photoshop. The class will begin with an overview of the software, including simple functions such as managing documents and palettes. More specific topics will then be covered, such as image adjustment and manipulation, tonal and color correction, brush settings, cloning, healing and other advanced tools along with layers, masks, type, blending modes, filters, and layer effects.

**PITPT-209 TYPOGRAPHY 3.00 Credits**

Typography is the cornerstone of graphic design, but many beginning (and even experienced) graphic designers still have difficulties selecting the right type for the job. Students will learn how to choose, size, color and integrate type into their designs. Student will need the following to successfully complete the course: computer with broadband Internet connection; Adobe Illustrator (or equivalent vector-based drawing program) or Adobe InDesign (or equivalent layout program); and digital camera (cell-phone is okay). Pre-requisite: PITPT 119 and PITPT 129 or be concurrently enrolled in PITPT 129 with instructor's permission.

**PITPT-211 GRAPHIC COMMUNICATIONS III 6.00 Credits**

This course will build upon skills learned in previous Graphic Communications courses to provide a hands on learning approach in a real world environment. Students will apply knowledge and skills learned in previous GC courses to produce printed projects and build a portfolio to present for future employment opportunities. The student will spend a specified amount of time in each of the following areas: 1) Digital Image Preparation, which includes concept development, design and layout, 2) Digital Image Assembly and Prepress, 3) Press Operations, and 4) Finishing and binding. Pre-requisite: PITPT-135.

**PITPT-219 PRINCIPLES OF ADVERTISING 3.00 Credits**

Introduces the student to an overview of the global advertising industry, providing the fundamentals for developing, creating and implementing advertising campaigns based on strategic marketing principles and planning. The ongoing development and evolution of brand advertising and integrated marketing communications strategies with tactical executions will be examined, including: public relations, word of mouth, guerilla, experiential, online, viral and blog marketing.

**PITPT-220 ADOBE PREMIER 3.00 Credits**

Get started with Adobe Premiere Pro. This beginning-level course takes you through the basic ins and outs of Premiere Pro CC. Using a project-based approach, you will learn editing by blending technical and aesthetic instruction. Tour the interface, and then go through the entire post-production process-including ingest, organization, editing, refining, audio editing, basic effects, color correction, titling, output, and more.

**PITPT-221 PRINTING MANAGEMENT 3.00 Credits**

Application of knowledge and skills learned in previous courses to manage all printshop functions; computer estimating program based on cost centers is assembled and tested.

**PITPT-228 TECHNICAL LAYOUT AND IMPOSITION 3.00 Credits**

The importance of imposition and trapping will be emphasized in this course that is intended to be used as a bridge between the digital techniques used for imposition today and the traditional photomechanical approach used for most of the 20th century. The course material will lead students through the vocabulary, tools, and processes of image assembly, presenting the details of this vanishing profession while illuminating the ways in which these historic techniques connect to the computer-based workflow of today. Students will learn imposition and trapping standards, both conventional and digital, and know that they are dictated by press and bindery. Included will be an introduction to current digital imposition and digital trapping software.

**PITPT-229 PRINCIPLES OF DESIGN I 3.00 Credits**

This course will introduce students to the basic principles of design. The focus will be on hierarchy and the organization of text and images. Students will create solutions to various design problems by completing a series of projects throughout the semester. There will be a combination of lectures and hands-on activities.

**PITPT-245 BUSINESS SIDE OF CREATIVITY 3.00 Credits**

Every year the market for creative services expands, but the competition is increasing even faster. Today, success hinges not on talent alone, but on a thorough understanding of the business side of creativity. This course will give students a comprehensive look at what it takes to run a small graphic design or communications business. There will be a particular focus on practical applications such as contracts, pricing, and tax issues.

**PITPT-254 PHOTOSHOP PHOTOGRAPHY 3.00 Credits**

Students will explore and use Adobe Photoshop to enhance digital photography. This class follows a photographer's digital workflow, starting with essential color management decisions and organizing images with Adobe Bridge. Students will then move on to processing Camera RAW files, enhancing tone and color as well as correcting imperfections. Students will learn how to prepare the images for output and client reviews. Required Materials: CAMERA-use of a 5 megapixel or higher resolution digital SLR capable of shooting Camera RAW is required. Camera must be capable of fully manual exposure and focus. No point-and-shoots or cell phone cameras. Camera use is not provided by class/instructor. SOFTWARE: Use of Photoshop CS4 or higher is required. Pre-requisite: PITPT 139 or permission of instructor.

**PITPT-281 PACKAGING STRUCTURAL DESIGN 3.00 Credits**

A key position in the Packaging field is the Structural Designer. These are the people responsible for creating the packaging structure to appropriately fit, protect, and ship certain products, as well as recommending the appropriate materials. Students will learn to use CAD software specific to the Packaging industry (Arden Impact) to create many common packaging styles, as well as 3D virtual mock-ups. Custom containers will also be created to meet the specific needs of a given product. Students will create working prototypes of their designs out of corrugated board, folding carton, or paperboard using the Kongsberg sample table. Pre-requisites: PITPT-129.

**PITPT-285 POINT OF PURCHASE DISPLAYS 3.00 Credits**

This course explores the structures commonly used in creating POP and promotional displays. Students will create original display designs using packaging CAD software and create the artwork to be printed on those displays using Adobe Illustrator. Students will produce these displays using a flatbed or wide format printer in combination with a Kongsberg sample table for cutting and creating the structure prior to final assembly. Pre-requisites: PITPT 129 Exploring Adobe Illustrator, MTHPT 130 Finite Mathematics OR MTHPT 137 Math for Technology, PITPT 281/381 Packaging Structural Design, PITPT289/389 Packaging Graphics.

**PITPT-288 PACKAGING OPTIMIZATION 3.00 Credits**

Students will learn to use palletizing software to prepare a shipping plan for packages, and conversely, packages to meet the needs of a particular shipping plan. Students will learn to optimize use of pallet space and utilize package strength to ensure stacking stability and to most efficiently and safely ship packaged products. Packaging safety, shipping rules and regulations, and materials testing will also be covered. Pre-requisites: MTHPT 130 Finite Mathematics OR MTHPT 137 Math for Technology, PITPT 281/381 Packaging Structural Design.

**PITPT-289 PACKAGING GRAPHICS 3.00 Credits**

This course covers the other side of packaging design. Once the physical packaging style/structure and material are decided upon, graphics need to be created to inform about or help sell the contents inside. Students will create artwork to be printed on or applied to standard and custom containers, including corrugated and paperboard boxes and glass bottles. Students will learn to consider multiple factors in creating effective package design, such as target audiences, potential printing limitations, and retail space display. Pre-requisites: PITPT-129.

**PITPT-290 DIRECTED STUDY IN PRINTING 1.00-6.00 Credits****PITPT-291 WORKSHOP IN PRINTING TECHNOLOGY 1.00-6.00 Credits****PITPT-292 SPECIAL TOPICS IN PRINTING 1.00-6.00 Credits****PITPT-294 INTERNSHIP IN PRINTING TECHNOLOGY 1.00-12.00 Credits****PITPT-294A INTERNSHIP IN PRINTING TECHNOLOGY I 1.00-6.00 Credits**

Internship in Printing Technology.

**PITPT-294B INTERNSHIP IN PRINTING TECHNOLOGY II 1.00-6.00 Credits**

Continuation of PITPT 294A as a 200-level internship in Printing Technology.

**PITPT-294C INTERNSHIP IN PRINTING TECHNOLOGY III 1.00-6.00 Credits**

Continuation of PITPT 294B as an intermediate 200-level internship in Printing Technology.

**PITPT-294D INTERNSHIP IN PRINTING TECHNOLOGY IV 1.00-6.00 Credits**

Continuation of PITPT 294C as an intermediate to advanced 200-level internship in Printing Technology.

**PITPT-329 PRINCIPLES OF DESIGN II 3.00 Credits**

Students will continue exploring the principles of design. The knowledge and confidence gained in Principles of Design I will allow students to take on more sophisticated projects. Pre-requisite: PITPT-229.

**PITPT-381 INTRODUCTION TO ARTIOSCAD 3.00 Credits**

The packaging career field involves the use of materials, methods, design concepts and machinery to develop and produce the packages that protect and preserve a product, help market the product and instruct the consumer in its proper use. Virtually every product, whether grown or manufactured, must be packaged so that it reaches the consumer in an acceptable condition. With the quantity and variety of products produced in the world, it is easy to understand that packaging is a dynamic, multibillion dollar industry in need of well-educated men and women. This class will serve as an introduction to corrugated packaging. We will conceptualize, design, and produce various pieces using ArtiosCAD, Adobe Illustrator, and the Esko XL-24 cutting table. Pre-requisite: PITPT-129.

**PITPT-389 DIGITAL PACKAGE DESIGN 3.00 Credits**

The packaging career field involves the use of materials, methods, design concepts and machinery to develop and produce the packages that protect and preserve a product, help market the product and instruct the consumer in its proper use. Virtually every product, whether grown or manufactured, must be packaged so that it reaches the consumer in an acceptable condition. With the quantity and variety of products produced in the world, it is easy to understand that packaging is a dynamic, multibillion dollar industry in need of well-educated men and women. This packaging course will focus on using Adobe Illustrator and Esko's Studio 10 to create realistic digital packaging prototypes. Pre-requisite: PITPT-129.

**PITPT-390 DIRECTED STUDY IN PRINTING 1.00-6.00 Credits****PITPT-391 WORKSHOP IN PRINTING TECHNOLOGY 1.00-6.00 Credits****PITPT-392 SPECIAL TOPICS IN PRINTING 1.00-6.00 Credits****PITPT-394 INTERNSHIP IN PRINTING TECHNOLOGY 1.00-12.00 Credits****PITPT-394A INTERNSHIP IN PRINTING TECHNOLOGY I 1.00-6.00 Credits**

Internship in Printing Technology.

**PITPT-394B INTERNSHIP IN PRINTING TECHNOLOGY II 1.00-6.00 Credits**

Continuation of PITPT 394A as a 300-level internship in Printing Technology.

**PITPT-394C INTERNSHIP IN PRINTING TECHNOLOGY III 1.00-6.00 Credits**

Continuation of PITPT 394B as an intermediate 300-level internship in Printing Technology.

**PITPT-394D INTERNSHIP IN PRINTING TECHNOLOGY IV 1.00-6.00 Credits**

Continuation of PITPT 394C as an intermediate to advanced 300-level internship in Printing Technology.

**PITPT-454 PHOTOSHOP PHOTOGRAPHY 3.00 Credits**

Students will explore and use Adobe Photoshop to enhance digital photography. This class follows a photographer's digital workflow, starting with essential color management decisions and organizing images with Adobe Bridge. Students will then move on to processing Camera RAW files, enhancing tone and color as well as correcting imperfections. Students will learn how to prepare the images for output and client reviews. Required Materials: Camera-Use of a 5 megapixels or higher resolution digital SLR capable of shooting Camera RAW is required. Camera must be capable of fully manual exposure and focus. No point-and-shoots or cell phone cameras. Camera use is not provided by class/instructor. Software: Use of Photoshop CS4 or higher is required. Pre-requisite: PITPT-139 or permission of instructor.

**PITPT-490 DIRECTED STUDY IN PRINTING 1.00-6.00 Credits****PITPT-491 WORKSHOP IN PRINTING TECHNOLOGY 1.00-6.00 Credits****PITPT-492 SPECIAL TOPICS IN PRINTING 1.00-6.00 Credits****PITPT-494 INTERNSHIP IN PRINTING TECHNOLOGY 1.00-12.00 Credits****PITPT-494A INTERNSHIP IN PRINTING TECHNOLOGY I 1.00-6.00 Credits**

Internship in Printing Technology.

**PITPT-494B INTERNSHIP IN PRINTING TECHNOLOGY II 1.00-6.00 Credits**

Continuation of PITPT 494A as a 400-level internship in Printing Technology.

**PITPT-494C INTERNSHIP IN PRINTING TECHNOLOGY III 1.00-6.00 Credits**

Continuation of PITPT 494B as an intermediate 400-level internship in Printing Technology.

**PITPT-494D INTERNSHIP IN PRINTING TECHNOLOGY IV 1.00-6.00 Credits**

Continuation of PITPT 494C as an intermediate to advanced 400-level internship in Printing Technology.

## Administrative Medical Assistant AAS

Trained medical office personnel in doctors' offices, clinics, and hospitals are vital!

The Administrative Medical Assistant program provides advanced-level training to meet the demand.

Students receive significant instruction through medical field experience with cooperating local medical facilities.

Upon completion of this degree, students will:

- Prove basic knowledge of medical billing software and electronic medical record navigation
- Show employability skills and habits
- Complete various medical documents and forms
- Schedule appointments and activities
- Work with a variety of medical professionals and agencies
- Have the most current ICD and CPT coding skills
- Understand HIPAA regulations and medical ethics
- Have skills in human relations with a positive and caring personality
- Have an ability to multitask and a desire to help people

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
<b>Oral Communication</b>		
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	3.00
<b>Mathematical Ways of Knowing</b>		
MTHPT-130	FINITE MATHEMATICS	3.00
<b>Social &amp; Behavioral Ways of Knowing</b>		
Select one of the following:		3.00
HRPT/SS-185	HUMAN RELATIONS IN ORGANIZATIONS	
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	

### Additional General Education Courses



Select one of the following:	3.00-4.00
ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ANTH-360	RACE AND ETHNICITY
ART-100	INTRODUCTION TO ART
BIOF-100	INTRODUCTION TO BIOINFORMATICS
BIOL-100	CONCEPTS OF BIOLOGY
BIOL-120	PLANTS AND PEOPLE
BIOL-123	BIOLOGY IN FILM
BIOL-175	HUMAN BIOLOGY
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I
CHEM-100	CONCEPTS OF CHEMISTRY
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY
CHEM-111	PRINCIPLES OF CHEMISTRY I
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE
COMM-345	INTERCULTURAL COMMUNICATION
CS-108	INTRODUCTION TO COMPUTER SCIENCE
ECON-201	PRINCIPLES OF MACROECONOMICS
ECON-202	PRINCIPLES OF MICROECONOMICS
ENGL-102	WRITING AND RHETORIC II
ENGL-109	COLLEGE WRITING AND RESEARCH
ENGL-175	LITERATURE AND IDEAS
ENGL-257	WORLD CLASSICS
ENGL-258	INTERNATIONAL LITERATURE
ENGL-260	NATIVE AMERICAN LITERATURE
ENGL-261	MYTHOLOGIES
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOL-101	PHYSICAL GEOLOGY
GEOG-102	INTRODUCTION TO GEOGRAPHY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE
HUM-150	INTRODUCTION TO THE ARTS
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT/SS-184	DIVERSITY IN ORGANIZATIONS
ID-240	INTEGRATED SCIENCE II
ID-300A - 300Z	(see course descriptions for options)
ID-301A	HELLS CANYON INSTITUTE
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
MUS-101	SURVEY OF MUSIC
MUS-102	MUSIC IN AMERICA
MUS-150	WORLD MUSIC
MUS-151	HISTORY OF MUSICAL THEATER
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
NS-140	INTEGRATED SCIENCE I
NS-150	INTRODUCTION TO NATURAL SCIENCES

NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR
PHYS-111	GENERAL PHYSICS I
or PHYS-112	GENERAL PHYSICS II
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS
PHYS-205	DESCRIPTIVE ASTRONOMY
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
THEA-101	SURVEY OF THE THEATER

**Total Credits****15.00-16.00**

## Program Requirements

Code	Title	Credits
ACCPT-101	BASIC ACCOUNTING	3.00
AHLTH-130	INTRODUCTION TO ALLIED HEALTH	2.00
GNBPT-110	BUSINESS COMPUTER SKILLS	3.00
GNBPT-112	EXCEL	3.00
GNBPT-185	BUSINESS COMMUNICATION	3.00
GNBPT-200	BUSINESS DOCUMENT PROCESSING	3.00
GNBPT-202	FINANCIAL BUSINESS APPLICATIONS	3.00
MEDPT-170	MEDICAL INSURANCE	3.00
MEDPT-173	MEDICAL TERMINOLOGY	3.00
MEDPT-175	ADMINISTRATIVE MEDICAL ASSISTING I	3.00
MEDPT-251	MEDICAL TRANSCRIPTION I	3.00
MEDPT-252	CLINICAL EXPERIENCE	3.00
MEDPT-259	PATIENT RECORD SYSTEMS	3.00
MEDPT-275	MEDICAL CODING	3.00
MEDPT-285	MEDICAL CODING II	3.00

Completion of a Technical Skills Assessment is required

**Total Credits****44.00**

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
AHLTH-130	INTRODUCTION TO ALLIED HEALTH	2.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
GNBPT-110	BUSINESS COMPUTER SKILLS	3.00
MEDPT-173	MEDICAL TERMINOLOGY	3.00
<b>Credits</b>		<b>14.00</b>
<b>Spring</b>		
GNBPT-112	EXCEL	3.00
GNBPT-185	BUSINESS COMMUNICATION	3.00



GNBPT-200	BUSINESS DOCUMENT PROCESSING	3.00
HRPT/SS-185 or PSYC-101	HUMAN RELATIONS IN ORGANIZATIONS or INTRODUCTION TO GENERAL PSYCHOLOGY	3.00
MTHPT-130	FINITE MATHEMATICS	4.00
<b>Credits</b>		<b>16.00</b>
<b>Second Year</b>		
<b>Fall</b>		
ACCPT-101	BASIC ACCOUNTING I	3.00
GNBPT-202	FINANCIAL BUSINESS APPLICATIONS	3.00
MEDPT-170	MEDICAL INSURANCE	3.00
MEDPT-175	ADMINISTRATIVE MEDICAL ASSISTING I	3.00
MEDPT-285	MEDICAL CODING II	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
CORE	Additional General Education Course	3.00
MEDPT-251	MEDICAL TRANSCRIPTION I	3.00
MEDPT-252	CLINICAL EXPERIENCE	3.00
MEDPT-259	PATIENT RECORD SYSTEMS	3.00
MEDPT-275	MEDICAL CODING	3.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>60.00</b>

Graduates from Administrative Medical Assistant programs go on to obtain careers in a variety of fields including:

- Medical Office Manager, Medical Office Assistant
- Medical Administrative Assistant
- Medical Billing Specialist
- Medical Coder

Check out the U.S. Bureau of Labor Statistics website (<https://www.bls.gov/ooh/home.htm>) for more information about the potential careers above.

## Administrative Medical Assistant ATC

**Trained medical office personnel in doctors' offices, clinics, and hospitals are vital!**

The Administrative Medical Assistant program provides advanced-level training to meet the demand. Students receive significant instruction through medical field experience with cooperating local medical facilities.

**Upon completion of this degree, students will:**

- Prove basic knowledge of medical billing software and electronic medical record navigation
- Show employability skills and habits
- Complete various medical documents and forms
- Schedule appointments and activities
- Work with a variety of medical professionals and agencies
- Have the most current ICD and CPT coding skills
- Understand HIPAA regulations and medical ethics
- Have skills in human relations with a positive and caring personality
- Have an ability to multitask and a desire to help people

## General Education Core

Code	Title	Credits
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	3.00
HRPT-185 or PSYC-101	HUMAN RELATIONS IN ORGANIZATIONS INTRODUCTION TO GENERAL PSYCHOLOGY	3.00
MTHPT-130	FINITE MATHEMATICS	4.00

or MTHPT-137

MATH FOR TECHNOLOGY

**Total Credits****10.00**

## Program Requirements

Code	Title	Credits
ACCPT-101	BASIC ACCOUNTING	3.00
GNBPT-110	BUSINESS COMPUTER SKILLS	3.00
GNBPT-112	EXCEL	3.00
GNBPT-185	BUSINESS COMMUNICATION	3.00
GNBPT-200	BUSINESS DOCUMENT PROCESSING	3.00
GNBPT-202	FINANCIAL BUSINESS APPLICATIONS	3.00
MEDPT-170	MEDICAL INSURANCE	3.00
MEDPT-173	MEDICAL TERMINOLOGY	3.00
MEDPT-175	ADMINISTRATIVE MEDICAL ASSISTING I	3.00
MEDPT-251	MEDICAL TRANSCRIPTION I	3.00
MEDPT-252	CLINICAL EXPERIENCE	3.00
MEDPT-259	PATIENT RECORD SYSTEMS	3.00
MEDPT-275	MEDICAL CODING	3.00
MEDPT-285	MEDICAL CODING II	3.00

Completion of a Technical Skills Assessment is required

**Total Credits****42.00**

## Medical Biller/Coder ITC

Medical Biller/Coders are vital to the operation of any medical office!

In the Medical Biller/Coder program you will learn:

- Basic coding techniques
- Insurance preparation (with particular focus on Medicare) Workers' Compensation, and Blue Cross
- Medical terminology
- Data entry skills
- Understand basic medical terminology
- Understand HIPAA regulations and the importance of medical ethics and medical record responsibilities
- Basic knowledge of medical billing software for data entry and preparing remittances
- And end-of-day reporting procedures

You will be prepared for the Certified Professional Coder exam through AAPC.

Upon completion of this certificate, you will:

- Apply ICD-10 codes to diagnoses following proper American Hospital Association guidelines
- Apply CPT codes to procedures following proper American Hospital Association guidelines

## General Education Core

Code	Title	Credits
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	3.00
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	3.00
or PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	

**Total Credits****6.00**

## Program Requirements

Code	Title	Credits
GNBPT-110	BUSINESS COMPUTER SKILLS	3.00
GNBPT-185	BUSINESS COMMUNICATION	3.00

GNBPT-202 or MTHPT-130	FINANCIAL BUSINESS APPLICATIONS FINITE MATHEMATICS	3.00
MEDPT-173	MEDICAL TERMINOLOGY	3.00
MEDPT-175	ADMINISTRATIVE MEDICAL ASSISTING I	3.00
MEDPT-259	PATIENT RECORD SYSTEMS	3.00
MEDPT-275	MEDICAL CODING	3.00
MEDPT-285	MEDICAL CODING II	3.00
Completion of a Technical Skills Assessment is required		
<b>Total Credits</b>		<b>24.00</b>

## Medical Receptionist ITC

Medical Receptionists with positive and caring personalities are important to a medical office.

Medical Receptionist Intermediate Technical Certificate prepares you for an entry-level position in medical-related fields.

The courses cover:

- Telephone and human relations communication
- Appointment scheduling
- Preparing insurance documents for various payers: Medicaid, Medicare, Workers' Compensation, and Blue Cross
- Medical office records and organization
- Physician chart note transcription
- Medical terminology

Upon completion of this certificate, you will:

- Apply English and word processing skills to transcribe physician dictation
- Have basic knowledge of medical billing software
- Have basic knowledge of electronic patient scheduling and initial data entry
- Have an ability to multitask and a desire to help people
- Understand HIPAA regulations and the importance of medical ethics and medical record responsibilities

## General Education Core

Code	Title	Credits
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	3.00
HRPT-185 or PSYC-101	HUMAN RELATIONS IN ORGANIZATIONS INTRODUCTION TO GENERAL PSYCHOLOGY	3.00
<b>Total Credits</b>		<b>6.00</b>

## Program Requirements

Code	Title	Credits
GNBPT-110	BUSINESS COMPUTER SKILLS	3.00
GNBPT-185	BUSINESS COMMUNICATION	3.00
GNBPT-200	BUSINESS DOCUMENT PROCESSING	3.00
MEDPT-173	MEDICAL TERMINOLOGY	3.00
MEDPT-175	ADMINISTRATIVE MEDICAL ASSISTING I	3.00
MEDPT-251	MEDICAL TRANSCRIPTION I	3.00
MEDPT-259	PATIENT RECORD SYSTEMS	3.00
Select one of the following:		3.00-4.00
GNBPT-202	FINANCIAL BUSINESS APPLICATIONS	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	

Completion of a Technical Skills Assessment is required

**Total Credits**

**24.00-25.00**

## Medical Transcription ITC

**Medical Transcriptionists** with positive and caring personalities are important to a medical office.

The Medical Transcription Intermediate Technical Certificate prepares students for entry-level positions in medical-related fields. Students will become proficient in outpatient and hospital transcription. Students will need strong English, grammar, punctuation, spelling skills, and accurate word processing abilities.

**The courses cover:**

- Medical terminology
- Medical office records and organization
- Physician chart note transcription
- Medical office personnel responsibilities
- Human relations communication

**Upon completion of this certificate, students will:**

- Demonstrate employability skills and habits
- Select and complete medical documents, including office correspondence and chart transcription, using appropriate format
- Demonstrate competency in word processing
- Apply knowledge of medical terms used in medically related careers
- Demonstrate advanced medical transcription skills using correct grammar, mechanics, and proofreading skills
- Understand HIPAA regulations and the importance of medical ethics and medical record responsibilities

## General Education Core

Code	Title	Credits
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	3.00
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	3.00
or PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	
<b>Total Credits</b>		<b>6.00</b>

## Program Requirements

Code	Title	Credits
GNBPT-185	BUSINESS COMMUNICATION	3.00
GNBPT-202	FINANCIAL BUSINESS APPLICATIONS	3.00
GNBPT-222	BUSINESS EDITING	3.00
MEDPT-173	MEDICAL TERMINOLOGY	3.00
MEDPT-175	ADMINISTRATIVE MEDICAL ASSISTING I	3.00
MEDPT-251	MEDICAL TRANSCRIPTION I	3.00
MEDPT-252	CLINICAL EXPERIENCE	3.00
MEDPT-261	MEDICAL TRANSCRIPTION II	3.00
Completion of a Technical Skills Assessment is required		
<b>Total Credits</b>		<b>24.00</b>

## Early Childhood Development AAS

The Early Childhood Development associate of applied science degree is a 60-credit option that prepares students with necessary skills to be qualified for a variety of early childhood positions. The program emphasizes observation, assessment and planning of curriculum activities to support cognitive development, fine/gross motor physical development, social and emotional development, language and literacy development, and self-help skills of children birth through age eight. Credits earned while completing the educational requirements for the AAS articulate directly into the LC State General Studies: Education BA/BS degree option offered through the Teacher Education Division.

The AAS degree offers basic early childhood education which prepares students for careers in the following areas:

- Early childhood assistant teacher
- Lead teacher position in private childcare facilities
- State quality systems consultant
- Parent educator
- Home-based education service provider
- Resource and referral specialist
- Special education teaching aide

Entry into the AAS degree option requires students to work with children at approved internship settings. Students enrolling in this program must complete an application packet including:

- ECD Program Application
- Criminal Background Check and Fingerprinting
- Current Certification in Pediatric CPR/First Aid
- TB Clearance
- Proof of a Physical Exam

Students will not be allowed to register for Early Childhood Development Program coursework beyond the first semester without a completed and submitted application packet. Instructions for completing the application packet will be provided by the program advisor.

Upon completion of this degree, students will be able to:

- Establish and maintain a safe, healthy learning environment
- Advance physical, intellectual, and linguistic competence
- Support social and emotional development and provide positive guidance for young children
- Foster positive and productive relationships with families and the community
- Ensure well-run, purposeful programs responsive to participant needs
- Maintain professionalism and ethical conduct

Completion of a Technical Skills Assessment is required

## General Education Requirement

Code	Title	Credits
<b>Written Communication</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY (or MATH-147A & MATH-147B)	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	

### Social & Behavioral Ways of Knowing

Select one of the following: 3.00

HRPT/SS-184	DIVERSITY IN ORGANIZATIONS
HRPT/SS-185	HUMAN RELATIONS IN ORGANIZATIONS
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY

#### Additional General Education Courses

Select one of the following: 3.00-4.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ANTH-360	RACE AND ETHNICITY
ART-100	INTRODUCTION TO ART
BIOF-100	INTRODUCTION TO BIOINFORMATICS
BIOL-100	CONCEPTS OF BIOLOGY
BIOL-120	PLANTS AND PEOPLE
BIOL-123	BIOLOGY IN FILM
BIOL-175	HUMAN BIOLOGY
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I
CHEM-100	CONCEPTS OF CHEMISTRY
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY
CHEM-111	PRINCIPLES OF CHEMISTRY I
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE
COMM-345	INTERCULTURAL COMMUNICATION
CS-108	INTRODUCTION TO COMPUTER SCIENCE
ECON-201	PRINCIPLES OF MACROECONOMICS
ECON-202	PRINCIPLES OF MICROECONOMICS
ENGL-102	WRITING AND RHETORIC II
ENGL-109	COLLEGE WRITING AND RESEARCH
ENGL-175	LITERATURE AND IDEAS
ENGL-257	WORLD CLASSICS
ENGL-258	INTERNATIONAL LITERATURE
ENGL-260	NATIVE AMERICAN LITERATURE
ENGL-261	MYTHOLOGIES
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOG-102	INTRODUCTION TO GEOGRAPHY
GEOL-101	PHYSICAL GEOLOGY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE
HUM-150	INTRODUCTION TO THE ARTS
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
ID-240	INTEGRATED SCIENCE II
ID-300A - 300Z	(see course descriptions for options)
ID-301A	HELLS CANYON INSTITUTE
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
MUS-101	SURVEY OF MUSIC
MUS-102	MUSIC IN AMERICA
MUS-150	WORLD MUSIC
MUS-151	HISTORY OF MUSICAL THEATER

NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
NS-140	INTEGRATED SCIENCE I
NS-150	INTRODUCTION TO NATURAL SCIENCES
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR
PHYS-111	GENERAL PHYSICS I
or PHYS-112	GENERAL PHYSICS II
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS
PHYS-205	DESCRIPTIVE ASTRONOMY
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
THEA-101	SURVEY OF THE THEATER

**Total Credits****15.00-18.00**

## Program Requirements

Code	Title	Credits
ECDPT-100	HEALTH, SAFETY AND NUTRITION	3.00
ECDPT-104	INTRODUCTION TO EARLY CHILDHOOD EDUCATION	3.00
ECDPT-108	CHILD DEVELOPMENT	3.00
ECDPT-112	INFANT TODDLER DEVELOPMENT	2.00
ECDPT-150	OBSERVATION AND ASSESSMENT	3.00
ECDPT-155	CHILD FAMILIES AND COMMUNITIES	2.00
ECDPT-205	GUIDING YOUNG CHILDREN	2.00
ECDPT-208	CURRICULUM DEVELOPMENT	3.00
ECDPT-209	PROFESSIONALISM	3.00
ECDPT-211	EXCEPTIONAL CHILD	3.00
ECDPT-255	CURRICULUM DEVELOPMENT II	3.00
ECDPT-194B	INTERNSHIP IN EARLY CHILDHOOD DEVELOPMENT II	2.00
ECDPT-294A	INTERNSHIP IN EARLY CHILDHOOD DEVELOPMENT I	3.00
ECDPT-294B	INTERNSHIP IN EARLY CHILDHOOD DEVELOPMENT II	3.00
ECDPT-250	PROGRAM ADMINISTRATION	3.00
RE-301	PSYCHOLINGUISTICS, LITERACY, AND LANGUAGE ACQUISITION	3.00

Completion of a Technical Skills Assessment is required

**Total Credits****44.00**

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ECDPT-100	HEALTH, SAFETY AND NUTRITION	3.00
ECDPT-104	INTRODUCTION TO EARLY CHILDHOOD EDUCATION	3.00
ECDPT-108	CHILD DEVELOPMENT	3.00
ECDPT-205	GUIDING YOUNG CHILDREN	2.00

ENGL-101	WRITING AND RHETORIC I	3.00
<b>Credits</b>		<b>14.00</b>
<b>Spring</b>		
CORE	Mathematical Ways of Knowing	4.00
CORE	Oral Communication	3.00
ECDPT-112	INFANT TODDLER DEVELOPMENT	2.00
ECDPT-150	OBSERVATION AND ASSESSMENT	3.00
ECDPT-155	CHILD FAMILIES AND COMMUNITIES	2.00
ECDPT-194B	INTERNSHIP IN EARLY CHILDHOOD DEVELOPMENT II	2.00
<b>Credits</b>		<b>16.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Select PSYC-101, HRPT-184 or HRPT-185	3.00
ECDPT-208	CURRICULUM DEVELOPMENT	3.00
ECDPT-211	EXCEPTIONAL CHILD	3.00
ECDPT-294A	INTERNSHIP IN EARLY CHILDHOOD DEVELOPMENT I	3.00
RE-301	PSYCHOLINGUISTICS, LITERACY, AND LANGUAGE ACQUISITION	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
CORE	Additional General Education Course	3.00
ECDPT-209	PROFESSIONALISM	3.00
ECDPT-250	PROGRAM ADMINISTRATION	3.00
ECDPT-255	CURRICULUM DEVELOPMENT II	3.00
ECDPT-294B	INTERNSHIP IN EARLY CHILDHOOD DEVELOPMENT II	3.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>60.00</b>

Graduates from Early Childhood Development ([https://www.careeronestop.org/toolkit/careers/occupations/occupation-profile.aspx?keyword=Preschool Teachers, Except Special Education&onetcode=25201100&location=UNITED STATES](https://www.careeronestop.org/toolkit/careers/occupations/occupation-profile.aspx?keyword=Preschool%20Teachers,%20Except%20Special%20Education&onetcode=25201100&location=UNITED%20STATES)) programs go on to obtain careers in a variety of fields:

- Early childhood assistant teacher
- Lead teacher position in private childcare facilities
- State quality systems consultant
- Parent educator
- Home-based education service provider
- Resource and referral specialist
- Special education teaching aide

Check out the U.S. Bureau of Labor Statistics website (<https://www.bls.gov/ooh/home.htm>) for more information about the potential careers above.

## Early Childhood Development ATC

The Early Childhood Development Advanced Technical Certificate (ATC) is a 52-credit option that offers early childhood education to prepare students for careers including private childcare provider, teacher's assistant, or classroom aide. The program emphasizes observing, assessing and planning curriculum for the areas of cognitive development, fine/gross motor physical development, social and emotional development, language and literacy development, and self-help skills of children birth through age eight. Credits earned while completing the educational requirements for the ATC articulate directly into the LC State Early Childhood Associate of Applied Science Degree.

Entry into the ATC degree option requires students to work with children in approved internship settings. Students enrolling in this program must complete an application packet including:

- ECD Program Application
- Criminal Background Check and Fingerprinting
- Current Certification in Pediatric CPR/First Aid



- TB Clearance
- Proof of a Physical Exam

Students will not be allowed to register for Early Childhood Development Program courses beyond the first semester without a completed application packet. Instructions for completing the application packet will be provided by the program advisor.

Upon completion of this certificate students will be able to:

- Establish and maintain a safe, healthy learning environment
- Assess children's growth and development, and plan curriculum activities to advance physical, intellectual, and linguistic competence
- Support social and emotional development and provide positive guidance for young children
- Foster positive and productive relations with families and the community
- Ensure well-run, purposeful programs responsive to participant needs
- Maintain professionalism and ethical conduct

Completion of a Technical Skill Assessment is required

## General Education Core

Code	Title	Credits
ENGL-101	WRITING AND RHETORIC I	3.00
MTHPT-153	STATISTICAL REASONING	3.00
MTHPT-154	STATISTICAL REASONING LAB	1.00
HRPT-184	DIVERSITY IN ORGANIZATIONS	3.00
or HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	3.00
Select one of the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-202	INTERPERSONAL COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Total Credits</b>		<b>16.00</b>

## Program Requirements

Code	Title	Credits
ECDPT-100	HEALTH, SAFETY AND NUTRITION	3.00
ECDPT-104	INTRODUCTION TO EARLY CHILDHOOD EDUCATION	3.00
ECDPT-108	CHILD DEVELOPMENT	3.00
ECDPT-112	INFANT TODDLER DEVELOPMENT	2.00
ECDPT-150	OBSERVATION AND ASSESSMENT	3.00
ECDPT-155	CHILD FAMILIES AND COMMUNITIES	2.00
ECDPT-194	INTERNSHIP IN EARLY CHILDHOOD DEVELOPMENT	3.00
ECDPT-205	GUIDING YOUNG CHILDREN	2.00
ECDPT-208	CURRICULUM DEVELOPMENT	3.00
ECDPT-211	EXCEPTIONAL CHILD	3.00
ECDPT-250	PROGRAM ADMINISTRATION	3.00
ECDPT-294	INTERNSHIP IN EARLY CHILDHOOD DEVELOPMENT	3.00
RE-301	PSYCHOLINGUISTICS, LITERACY, AND LANGUAGE ACQUISITION	3.00
Completion of a Technical Skills Assessment is required		
<b>Total Credits</b>		<b>36.00</b>

## Early Childhood Development ITC

The Early Childhood Development Intermediate Technical Certificate (ITC) is a 30-credit option that prepares students with the skills needed to work in an entry-level position in an early childhood care and education program. Examples may include a private childcare provider, teacher's assistant or an early childhood classroom aide. The program emphasizes the understanding and assessment of the learning domains of cognitive development, fine/gross motor physical development, social and emotional development, language and literacy development, and self-help skills of children birth through

age eight. Credits earned while completing the educational requirements for the ITC articulate directly into the LC State Early Childhood Advanced Technical Certificate, and Associate of Applied Science Degree.

Entry into the ITC degree option requires that students work with children in practicum settings. Students enrolling in this degree option must complete an application packet including:

- ECD Program Application
- Criminal Background Check and Fingerprinting
- Current Certification in Pediatric CPR/First Aid
- TB Clearance
- Proof of a Physical Exam

Students will not be allowed to register for courses in the program beyond the first semester without a completed application packet. Instructions for completing the application packet will be provided by the program advisor.

Upon completion of this certificate, students will:

- Establish and maintain a safe, healthy learning environment
- Assess children's growth and development, and support physical, intellectual, and linguistic competence
- Support social and emotional development and provide positive guidance for young children
- Foster positive and productive relations with families and the community
- Ensure well-run, purposeful programs responsive to participant needs
- Maintain professionalism and ethical conduct

Completion of a Technical Skill Assessment is required

## General Education Core

Code	Title	Credits
COMM-101 or COMM-204	FUNDAMENTALS OF ORAL COMMUNICATION PUBLIC SPEAKING	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
MTHPT-153	STATISTICAL REASONING	3.00
MTHPT-154	STATISTICAL REASONING LAB	1.00
<b>Total Credits</b>		<b>10.00</b>

## Program Requirements

Code	Title	Credits
ECDPT-100	HEALTH, SAFETY AND NUTRITION	3.00
ECDPT-104	INTRODUCTION TO EARLY CHILDHOOD EDUCATION	3.00
ECDPT-108	CHILD DEVELOPMENT	3.00
ECDPT-112	INFANT TODDLER DEVELOPMENT	2.00
ECDPT-150	OBSERVATION AND ASSESSMENT	3.00
ECDPT-155	CHILD FAMILIES AND COMMUNITIES	2.00
ECDPT-194	INTERNSHIP IN EARLY CHILDHOOD DEVELOPMENT	2.00
ECDPT-205	GUIDING YOUNG CHILDREN	2.00

Completion of a Technical Skills Assessment is required

**Total Credits** **20.00**

## Early Childhood Development BTC

The Early Childhood Development Basic Technical Certificate (BTC) is a 10-credit option intended to support those seeking entry level positions in the field of early childhood care and education.

The Basic Technical Certificate meets the educational components of the Child Development Associate (CDA) Credential of the Council for Professional Recognition. Courses are offered on a regular basis to meet the requirements for the Preschool, Infant/Toddler, and Family Child Care CDAs. The CDA Credential is a minimum educational expectation for employment at Head Start/Early Head Start programs as well as other early childhood education and care programs.

Students who complete these courses are able to complete the rest of the requirements set forth by the Council for Professional Recognition to apply for a CDA credential. Credits earned while completing the educational requirements for the CDA articulate directly into the LC State Early Childhood Development Intermediate Certificate, Advanced Technical Certificate, and Associate of Applied Science Degree.

Upon completion of this certificate students will be able to:

- Establish and maintain a safe and healthy learning environment
- Support social and emotional development and provide positive guidance for young children
- Foster positive and productive relations with families and the community
- Maintain professionalism and ethical conduct

Pursue CDA certification through the Council for Professional Recognition

## Program Requirements

Code	Title	Credits
ECDPT-100	HEALTH, SAFETY AND NUTRITION	3.00
ECDPT-104	INTRODUCTION TO EARLY CHILDHOOD EDUCATION	3.00
ECDPT-112	INFANT TODDLER DEVELOPMENT	2.00
ECDPT-155	CHILD FAMILIES AND COMMUNITIES	2.00

Completion of a Technical Skills Assessment is required

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<b>Total Credits</b>		<b>10.00</b>
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## Fire Service Technology AAS

The Fire Service Technology program is designed to develop and upgrade the firefighting skills and knowledge of volunteer and paid firefighters through high-quality training and educational programs.

The FST courses meet most fire agencies' minimum qualifications for employment in the region and are offered on and off campus through collaborative agreements with local fire departments. Instructors from local fire departments also help instruct in the program.

The program will provide the students with exceptional classroom instruction and hands-on training assuring students master the skills necessary for the fire service.

The curriculum is based on the National Fire Protection Association (NFPA) standards, the International Fire Service Accreditation Congress (IFSAC) requirements, and the National Fire Academy's (FESHE) Fire and Emergency Services Higher Education Model.

Program Emphases Include

- Fundamental skills and knowledge in Firefighter I and II
- Understanding of building construction
- Hazardous materials awareness and operations
- Wildland firefighting
- Apparatus driver operator
- Fire investigation and prevention
- Fire Instructor I
- Firefighter rescue techniques

Career Pathways

- First-line firefighter supervisor
- Firefighter
- Fire Inspector
- Fire Investigator

## Degrees Offered

- Associate of Applied Science
- Intermediate Technical Certificate

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	
<b>Social &amp; Behavioral Ways of Knowing</b>		
HRPT/SS-185	HUMAN RELATIONS IN ORGANIZATIONS	3.00
<b>Additional General Education Courses</b>		
Select one of the following:		3.00-5.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ANTH-360	RACE AND ETHNICITY	
ART-100	INTRODUCTION TO ART	
BIOF-100	INTRODUCTION TO BIOINFORMATICS	
BIOL-100	CONCEPTS OF BIOLOGY	
BIOL-120	PLANTS AND PEOPLE	
BIOL-123	BIOLOGY IN FILM	
BIOL-175	HUMAN BIOLOGY	
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	
CHEM-100	CONCEPTS OF CHEMISTRY	
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	
CHEM-111	PRINCIPLES OF CHEMISTRY I	
COMM-345	INTERCULTURAL COMMUNICATION	
CS/CITPT-108	INTRODUCTION TO COMPUTER SCIENCE	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
ENGL-102	WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
ENGL-175	LITERATURE AND IDEAS	

ENGL-257	WORLD CLASSICS
ENGL-258	INTERNATIONAL LITERATURE
ENGL-260	NATIVE AMERICAN LITERATURE
ENGL-261	MYTHOLOGIES
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOG-102	INTRODUCTION TO GEOGRAPHY
GEOL-101	PHYSICAL GEOLOGY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE
HUM-150	INTRODUCTION TO THE ARTS
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT/SS-184	DIVERSITY IN ORGANIZATIONS
ID-300A - ID-300Z	(see course descriptions for options)
ID-240	INTEGRATED SCIENCE II
ID-301A	HELLS CANYON INSTITUTE
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
MUS-101	SURVEY OF MUSIC
MUS-102	MUSIC IN AMERICA
MUS-150	WORLD MUSIC
MUS-151	HISTORY OF MUSICAL THEATER
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
NS-140	INTEGRATED SCIENCE I
NS-150	INTRODUCTION TO NATURAL SCIENCES
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR
PHYS-111	GENERAL PHYSICS I
or PHYS-112	GENERAL PHYSICS II
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS
PHYS-205	DESCRIPTIVE ASTRONOMY
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
THEA-101	SURVEY OF THE THEATER

**Total Credits****15.00-19.00**

## Program Requirements

Code	Title	Credits
Select 45 credits from one of the two pathways		45.00
<b>Pathway 1</b>		
FRSRV-100	FIRE TRAINING TECHNOLOGY	
Rapid Intervention Team Training Firefighter Safety and Survival		
Fire Fighter I		
Fire Fighter II		
Technical Rescue-Operations Elective		
Flashover Survival Training		
Hazardous Materials Operations		
Hazardous Materials Awareness		
Wildland Basic Firefighter II		
Wildland/Urban Interface		
Basic First Aid and CPR		
Arson Detection for First Responders		
Building Construction Combustible		
Building Construction Non Combustible		
Incident command System		
Infection Control for Emergency Response Personnel: The Supervisor's Role		
Driver Operator/Pump Operations		
Fire Officer I		
Instructor I		
<b>Pathway 2</b>		
FRSRV-101	FIREFIGHTER I	
FRSRV-102	HAZ-MAT AWARENESS	
FRSRV-103	HAZ-MAT OPERATIONS	
FRSRV-104	IFSTA BUILDING CONSTRUCTION	
FRSRV-105	APPARATUS DRIVER OPERATION	
FRSRV-201	FIREFIGHTER II	
FRSRV-202	NIMS 100, 200, 700, 800	
FRSRV-203	IFSTA FIRE INVESTIGATION	
FRSRV-204	FIREFIGHTING STRATEGIES & TACTICS	
FRSRV-205	INSPECTION & PREVENTION	
FRSRV-206	RIT/FIREFIGHTER SURVIVAL	
FRSRV-220	WILDLAND FIREFIGHTER II S-130	
FRSRV-221	WILDLAND FIREFIGHTER II S-190	
FRSRV-222	WILDLAND URBAN INTERFACE S-215	
FRSRV-225	IFSTA FIRE INSTRUCTOR I	
FRSRV-226	RESCUE TECHNIQUES	
FRSRV-227	BS FIRE ALARM & PROTECTION SYSTEMS	
FRSRV-294	INTERNSHIP IN FIRE SERVICE TECHNOLOGY	
Completion of a Technical Skills Assessment is required		
<b>Total Credits</b>		<b>45.00</b>

## Sequential Plan of Study

Graduates with an AAS Fire Service Technology go on to obtain careers in a variety of fields:

- Firefighter
- Fire inspector/investigator
- Fire chief
- First-line supervisor/manager of firefighting and prevention workers

# Fire Service Technology ITC

The Fire Service Technology program is designed to develop and upgrade the firefighting skills and knowledge of volunteer and paid firefighters through high-quality training and educational programs.

The FST courses meet most fire agencies' minimum qualifications for employment in the region and are offered on and off campus through collaborative agreements with local fire departments which also provides opportunities for students to volunteer and work at regional fire departments. Firefighters and chiefs from local fire departments help mentor and instruct in the program. The program will provide the students with exceptional classroom instruction and hands-on training assuring students master the skills necessary for the fire service.

## Program Emphases Include

- Fundamental skills and knowledge in Firefighter I and II
- Understanding of building construction
- Hazardous materials awareness and operations
- Wildland firefighting
- Apparatus driver operator
- Fire investigation and prevention
- Fire Instructor I
- Firefighter rescue techniques

## Career Pathways

- First-line firefighter supervisor
- Firefighter
- Fire Inspector
- Fire Investigator

## Degrees Offered

- Associate of Applied Science
- Intermediate Technical Certificate

## General Education Core

Code	Title	Credits
<b>Oral Communication</b>		
Select one of the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing:</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	

**Social & Behavioral Ways of Knowing:**

Select one of the following:

HRPT-184	DIVERSITY IN ORGANIZATIONS	3.00
or HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	

**Total Credits****9.00-11.00**

## Program Requirements

Code	Title	Credits
FRSRV-101	FIREFIGHTER I	5.00
FRSRV-102	HAZ-MAT AWARENESS	2.00
FRSRV-103	HAZ-MAT OPERATIONS	2.00
FRSRV-105	APPARATUS DRIVER OPERATION	3.00
FRSRV-201	FIREFIGHTER II	3.00
FRSRV-202	NIMS 100, 200, 700, 800	2.00
FRSRV-220	WILDLAND FIREFIGHTER II S-130	1.00
FRSRV-221	WILDLAND FIREFIGHTER II S-190	1.00
FRSRV-222	WILDLAND URBAN INTERFACE S-215	2.00

**Total Credits****21.00**

## Graphic Communications AAS

The Graphic Communications program prepares students to work in the exciting world of visual communications. We give students a fundamental working knowledge of graphic design, digital imaging, offset presswork, and bindery processes. This program incorporates corrugated packaging classes into its curriculum for those students interested in packaging design and production. **LCSC's Graphic Communications program is one of only a few programs located throughout the country that incorporates both graphic design and print production.** Who says print is dead? Not us! Students will enter the graphic communications industry with the skills needed to gain employment as an entry-level professional.

Upon completion of the Graphic Communications AAS degree, students will:

- Understand the overall graphic communications production process
- Be able to work in a production environment under tight deadlines
- Use industry-standard software to design visual communications
- Be familiar with various layout, design methods, packaging structure and design

Students are required to own a laptop computer and purchase specified software.

Laptop specifications should meet minimum requirements based on required Adobe software, which can be found here (<https://helpx.adobe.com/photoshop/system-requirements.html>).

Students must earn at least a C grade or better in all program courses to continue in the Graphic Communications program.

\*NOTE: Students entering the Graphic Communications program must own or have access to a camera (digital SLR or phone) capable of shooting in RAW format.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
<b>Oral Communication</b>		
Select one from the following: 3.00		
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following: 3.00-5.00		
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	



MATH-143	COLLEGE ALGEBRA
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY
MATH-153	STATISTICAL REASONING
MATH-170	CALCULUS I
MATH-253	STATISTICAL METHODS FOR THE SCIENCES
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II
MTHPT-130	FINITE MATHEMATICS
MTHPT-137	MATH FOR TECHNOLOGY
MTHPT-153	STATISTICAL REASONING

#### Social & Behavioral Ways of Knowing

Select one of the following: 3.00

HRPT/SS-184	DIVERSITY IN ORGANIZATIONS
HRPT/SS-185	HUMAN RELATIONS IN ORGANIZATIONS

#### Additional General Education Courses

Select one of the following: 3.00-5.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ANTH-360	RACE AND ETHNICITY
ART-100	INTRODUCTION TO ART
BIOF-100	INTRODUCTION TO BIOINFORMATICS
BIOL-100	CONCEPTS OF BIOLOGY
BIOL-120	PLANTS AND PEOPLE
BIOL-123	BIOLOGY IN FILM
BIOL-175	HUMAN BIOLOGY
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I
CHEM-100	CONCEPTS OF CHEMISTRY
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY
CHEM-111	PRINCIPLES OF CHEMISTRY I
CITPT/CS-108	INTRODUCTION TO COMPUTER SCIENCE
COMM-345	INTERCULTURAL COMMUNICATION
ECON-201	PRINCIPLES OF MACROECONOMICS
ECON-202	PRINCIPLES OF MICROECONOMICS
ENGL-102	WRITING AND RHETORIC II
ENGL-109	COLLEGE WRITING AND RESEARCH
ENGL-175	LITERATURE AND IDEAS
ENGL-257	WORLD CLASSICS
ENGL-258	INTERNATIONAL LITERATURE
ENGL-260	NATIVE AMERICAN LITERATURE
ENGL-261	MYTHOLOGIES
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOG-102	INTRODUCTION TO GEOGRAPHY
GEOL-101	PHYSICAL GEOLOGY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE
HUM-150	INTRODUCTION TO THE ARTS
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II

ID-240	INTEGRATED SCIENCE II
ID-300A - 300Z (see course descriptions for options)	
ID-301A	HELLS CANYON INSTITUTE
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
MUS-101	SURVEY OF MUSIC
MUS-102	MUSIC IN AMERICA
MUS-150	WORLD MUSIC
MUS-151	HISTORY OF MUSICAL THEATER
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
NS-140	INTEGRATED SCIENCE I
NS-150	INTRODUCTION TO NATURAL SCIENCES
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR
PHYS-111 or PHYS-112	GENERAL PHYSICS I GENERAL PHYSICS II
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS
PHYS-205	DESCRIPTIVE ASTRONOMY
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
THEA-101	SURVEY OF THE THEATER

**Total Credits****15.00-19.00**

## Program Requirements

Code	Title	Credits
PITPT-102	INTRO/GRAPHIC COMMUNICATIONS	3.00
PITPT-119	ADOBE INDESIGN	3.00
PITPT-129	ADOBE ILLUSTRATOR	3.00
PITPT-134	GRAPHIC COMMUNICATIONS I	3.00
PITPT-135	GRAPHIC COMMUNICATIONS II	3.00
PITPT-139	ADOBE PHOTOSHOP	3.00
PITPT-209	TYPOGRAPHY	3.00
PITPT-211	GRAPHIC COMMUNICATIONS III	6.00
PITPT-229	PRINCIPLES OF DESIGN I	3.00
PITPT-245	BUSINESS SIDE OF CREATIVITY	3.00
PITPT-254/454	PHOTOSHOP PHOTOGRAPHY	3.00
PITPT-289	PACKAGING GRAPHICS	3.00
PITPT-329	PRINCIPLES OF DESIGN II	3.00
PITPT-494A	INTERNSHIP IN PRINTING TECHNOLOGY I	3.00

Completion of a Technical Skills Assessment is required

**Total Credits****45.00**

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
CORE	Mathematical Ways of Knowing	3.00
CORE	Additional General Education Course	3.00
PITPT-102	INTRO/GRAPHIC COMMUNICATIONS	3.00
<b>Credits</b>		<b>12.00</b>
<b>Spring</b>		
CORE	Oral Communication	3.00
HRPT-184 or HRPT-185	DIVERSITY IN ORGANIZATIONS or HUMAN RELATIONS IN ORGANIZATIONS	3.00
PITPT-119	ADOBE INDESIGN	3.00
PITPT-129	ADOBE ILLUSTRATOR	3.00
PITPT-229	PRINCIPLES OF DESIGN I	3.00
<b>Credits</b>		<b>15.00</b>
<b>Second Year</b>		
<b>Fall</b>		
PITPT-134	GRAPHIC COMMUNICATIONS I	3.00
PITPT-139	ADOBE PHOTOSHOP	3.00
PITPT-209	TYPOGRAPHY	3.00
PITPT-245	BUSINESS SIDE OF CREATIVITY	3.00
PITPT-329	PRINCIPLES OF DESIGN II	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
PITPT-135	GRAPHIC COMMUNICATIONS II	3.00
PITPT-211	GRAPHIC COMMUNICATIONS III	6.00
PITPT-254 or PITPT-454	PHOTOSHOP PHOTOGRAPHY or PHOTOSHOP PHOTOGRAPHY	3.00
PITPT-289	PACKAGING GRAPHICS	3.00
PITPT-294	INTERNSHIP IN PRINTING TECHNOLOGY	3.00
<b>Credits</b>		<b>18.00</b>
<b>Total Credits</b>		<b>60.00</b>

Graduates from Graphic Communication programs go on to obtain careers in a variety of fields:

- Photographer/Videographer
- Customer Service Representative
- Page Layout Artist
- Digital Operator
- Wide Format Specialist

Check out the U.S. Bureau of Labor Statistics website (<https://www.bls.gov/ooh/home.htm>) for more information about the potential careers above.

## Hospitality Management AAS

Students enrolled in the Hospitality Management AAS for 60 credits will receive relevant and industry-driven instruction in management processes directly aligned to the hospitality industry. This degree provides professional technical hands-on instruction combined with up-to-date theory provided by some of the leading experts in the industry. The AAS option begins with the "Semester of Exploration" and leads through "Pathways" to emphasis in areas of concentration such as Hospitality Management, Culinary Arts, and Hotel/Resort Management. The unique delivery aspect of the Hospitality Management program not only focuses on technical skills, but also incorporates the vital business and marketing "Owner Mindset" with industry design components, management fundamentals, and ethics to give the students the knowledge to be successful and **DO MORE**.

Pathways

- Hospitality Management (AAS)
- Hospitality Management-Culinary Arts (AAS)
- Hospitality Management-Hotel/Resort Management (AAS)

Participation in internships is required by all students.

Coursework is credited through:

- American Hotel & Lodging Educational Institute
- National Restaurant Association of America
- Idaho Career Technical Education
- Industry Technical Advisory Committee

Upon completion of chosen "Pathway", students will:

- Demonstrate an Associate level or higher, knowledge and skills base required of the hospitality management, travel & tourism industry in the student's chosen "Pathway" or completer program.
- Demonstrate communication skills needed in working in the hospitality industry with guests, employees, co-workers, and upper management.
- Understand and address issues and concerns related to safety, security of people, property, and the well-being of the industry
- Regardless of "Pathway" or emphasis, understand that all aspects of hospitality, travel & tourism are connected
- Understand the cross-culture, management fundamentals, business structures, and ethics of the hospitality, travel & tourism industry

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	
<b>Social &amp; Behavioral Ways of Knowing</b>		
Select one of the following:		3.00
HRPT/SS-184	DIVERSITY IN ORGANIZATIONS	
HRPT/SS-185	HUMAN RELATIONS IN ORGANIZATIONS	
<b>Additional General Education Courses</b>		
Select one of the following:		3.00-5.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ANTH-360	RACE AND ETHNICITY	
ART-100	INTRODUCTION TO ART	

BIOF-100	INTRODUCTION TO BIOINFORMATICS
BIOL-100	CONCEPTS OF BIOLOGY
BIOL-120	PLANTS AND PEOPLE
BIOL-123	BIOLOGY IN FILM
BIOL-175	HUMAN BIOLOGY
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I
CHEM-100	CONCEPTS OF CHEMISTRY
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY
CHEM-111	PRINCIPLES OF CHEMISTRY I
CITPT/CS-108	INTRODUCTION TO COMPUTER SCIENCE
COMM-345	INTERCULTURAL COMMUNICATION
ECON-201	PRINCIPLES OF MACROECONOMICS
ECON-202	PRINCIPLES OF MICROECONOMICS
ENGL-102	WRITING AND RHETORIC II
ENGL-109	COLLEGE WRITING AND RESEARCH
ENGL-175	LITERATURE AND IDEAS
ENGL-257	WORLD CLASSICS
ENGL-258	INTERNATIONAL LITERATURE
ENGL-260	NATIVE AMERICAN LITERATURE
ENGL-261	MYTHOLOGIES
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOG-102	INTRODUCTION TO GEOGRAPHY
GEOL-101	PHYSICAL GEOLOGY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE
HUM-150	INTRODUCTION TO THE ARTS
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
ID-240	INTEGRATED SCIENCE II
ID-300A - 300Z	(see course descriptions for options)
ID-301A	HELLS CANYON INSTITUTE
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
MUS-101	SURVEY OF MUSIC
MUS-102	MUSIC IN AMERICA
MUS-150	WORLD MUSIC
MUS-151	HISTORY OF MUSICAL THEATER
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
NS-140	INTEGRATED SCIENCE I
NS-150	INTRODUCTION TO NATURAL SCIENCES
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR
PHYS-111	GENERAL PHYSICS I
or PHYS-112	GENERAL PHYSICS II
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS
PHYS-205	DESCRIPTIVE ASTRONOMY
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I
POLS-101	AMERICAN NATIONAL GOVERNMENT

POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
THEA-101	SURVEY OF THE THEATER

**Total Credits****15.00-19.00**

## Program Requirements

Code	Title	Credits
<b>Semester of Exploration</b>		
CULPT-101	CULINARY SKILLS I	3.00
HSMPT-101	INTRODUCTION TO HOSPITALITY WITH SERVSAFE CERTIFICATION	3.00
HSMPT-210	FOOD AND BEVERAGE MANAGEMENT	3.00
<b>Emphasis</b>		
Take one of the following emphasis areas:		36.00
<b>Hospitality Management Pathway:</b>		
ACCPT-234	MANAGERIAL ACCOUNTING FOR THE HOSPITALITY INDUSTRY	
GNBPT-101	BASIC ACCOUNTING	
GNBPT-110	BUSINESS COMPUTER SKILLS	
GNBPT-202	FINANCIAL BUSINESS APPLICATIONS	
HSMPT-194	INTERNSHIP IN HOSPITALITY MANAGEMENT	
HSMPT-243	HOSPITALITY MARKETING	
HSMPT-251	HOTEL/MOTEL OPERATIONS	
HSMPT-256	HOSPITALITY LAB/SKILLS DEVELOPMENT	
HSMPT-257	HOSPITALITY LAB/SKILLS DEVELOPMENT	
HSMPT-273	EVENTS MANAGEMENT	
HSMPT-280	TECHNOLOGY IN HOSPITALITY, TRAVEL & TOURISM	
HSMPT-294	INTERNSHIP IN HOSPITALITY MANAGEMENT	
<b>Culinary Arts Pathway:</b>		
CULPT-194	IN:MANAGEMENT I	
CULPT-201	CULINARY SKILLS II	
CULPT-215	PATISSERIE ESSENTIALS	
CULPT-225	LIFESTYLE CUISINE AND NUTRITION	
CULPT-240	CATERING ESSENTIALS AND DESIGN	
CULPT-250	INTERNATIONAL CUISINE	
CULPT-260	GARDE MANGER AND SAUCIER	
CULPT-294	IN: MANAGEMENT II	
CULPT-295	BUTCHERY/CHARCUTERIE	
GNBPT-101	BASIC ACCOUNTING	
GNBPT-202	FINANCIAL BUSINESS APPLICATIONS	
HSMPT-273	EVENTS MANAGEMENT	
<b>Hotel/Resort Pathway:</b>		
ACCPT-234	MANAGERIAL ACCOUNTING FOR THE HOSPITALITY INDUSTRY	
CULPT-240	CATERING ESSENTIALS AND DESIGN	
GNBPT-101	BASIC ACCOUNTING	
GNBPT-202	FINANCIAL BUSINESS APPLICATIONS	

HSMPT-194A	INTERNSHIP IN HOSPITALITY MANAGEMENT I
HSMPT-221	FRONT OFFICE MANAGEMENT WITH EXECUTIVE HOUSE KEEPING
HSMPT-243	HOSPITALITY MARKETING
HSMPT-251	HOTEL/MOTEL OPERATIONS
HSMPT-273	EVENTS MANAGEMENT
HSMPT-280	TECHNOLOGY IN HOSPITALITY, TRAVEL & TOURISM
HSMPT-294	INTERNSHIP IN HOSPITALITY MANAGEMENT
LAWPT-265	BUSINESS LAW I

**Total Credits** **45.00**

## Sequential Plan of Study - Hospitality Management

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
CORE	Mathematical Ways of Knowing	3.00
CORE	Oral Communication	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
GNBPT-101	BASIC ACCOUNTING	3.00
HSMPT-101	INTRODUCTION TO HOSPITALITY WITH SERVSAFE CERTIFICATION	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
CULPT-101	CULINARY SKILLS I	3.00
GNBPT-202	FINANCIAL BUSINESS APPLICATIONS	3.00
HRPT-184 or HRPT-185	DIVERSITY IN ORGANIZATIONS or HUMAN RELATIONS IN ORGANIZATIONS	3.00
HSMPT-210	FOOD AND BEVERAGE MANAGEMENT	3.00
CORE	Additional General Education Course	3.00
<b>Credits</b>		<b>15.00</b>
<b>Second Year</b>		
<b>Fall</b>		
ACCPT-234	MANAGERIAL ACCOUNTING FOR THE HOSPITALITY INDUSTRY	3.00
GNBPT-110	BUSINESS COMPUTER SKILLS	3.00
HSMPT-194	INTERNSHIP IN HOSPITALITY MANAGEMENT	3.00
HSMPT-243	HOSPITALITY MARKETING	3.00
HSMPT-251	HOTEL/MOTEL OPERATIONS	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
HSMPT-273	EVENTS MANAGEMENT	3.00
HSMPT-256	HOSPITALITY LAB/SKILLS DEVELOPMENT	3.00
HSMPT-257	HOSPITALITY LAB/SKILLS DEVELOPMENT	3.00
HSMPT-280	TECHNOLOGY IN HOSPITALITY, TRAVEL & TOURISM	3.00
HSMPT-294	INTERNSHIP IN HOSPITALITY MANAGEMENT	3.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>60.00</b>

## Sequential Plan of Study - Culinary Arts Emphasis

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
CORE	Mathematical Ways of Knowing	3.00
CORE	Oral Communication	3.00
ENGL-101	WRITING AND RHETORIC I	3.00

GNBPT-101	BASIC ACCOUNTING	3.00
HSMPT-101	INTRODUCTION TO HOSPITALITY WITH SERVSAFE CERTIFICATION	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
CULPT-101	CULINARY SKILLS I	3.00
GNBPT-202	FINANCIAL BUSINESS APPLICATIONS	3.00
HRPT-184 or HRPT-185	DIVERSITY IN ORGANIZATIONS or HUMAN RELATIONS IN ORGANIZATIONS	3.00
HSMPT-210	FOOD AND BEVERAGE MANAGEMENT	3.00
CORE	Additional General Education Course	3.00
<b>Credits</b>		<b>15.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CULPT-194	IN:MANAGEMENT I	3.00
CULPT-201	CULINARY SKILLS II	3.00
CULPT-215	PATISSERIE ESSENTIALS	3.00
CULPT-240	CATERING ESSENTIALS AND DESIGN	3.00
CULPT-260	GARDE MANGER AND SAUCIER	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
CULPT-260	GARDE MANGER AND SAUCIER	3.00
CULPT-250	INTERNATIONAL CUISINE	3.00
CULPT-294	IN: MANAGEMENT II	3.00
CULPT-295	BUTCHERY/CHARCUTERIE	3.00
HSMPT-273	EVENTS MANAGEMENT	3.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>60.00</b>

## Sequential Plan of Study - Hotel/Resort Emphasis

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
CORE	Mathematical Ways of Knowing	3.00
CORE	Oral Communication	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
GNBPT-101	BASIC ACCOUNTING	3.00
HSMPT-101	INTRODUCTION TO HOSPITALITY WITH SERVSAFE CERTIFICATION	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
CULPT-101	CULINARY SKILLS I	3.00
GNBPT-202	FINANCIAL BUSINESS APPLICATIONS	3.00
HRPT-184 or HRPT-185	DIVERSITY IN ORGANIZATIONS or HUMAN RELATIONS IN ORGANIZATIONS	3.00
HSMPT-210	FOOD AND BEVERAGE MANAGEMENT	3.00
CORE	Additional General Education Course	3.00
<b>Credits</b>		<b>15.00</b>
<b>Second Year</b>		
<b>Fall</b>		
ACCP-234	MANAGERIAL ACCOUNTING FOR THE HOSPITALITY INDUSTRY	3.00
CULPT-240	CATERING ESSENTIALS AND DESIGN	3.00
HSMPT-194	INTERNSHIP IN HOSPITALITY MANAGEMENT	3.00
HSMPT-221	FRONT OFFICE MANAGEMENT WITH EXECUTIVE HOUSE KEEPING	3.00



HSMPT-251	HOTEL/MOTEL OPERATIONS	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
HSMPT-243	HOSPITALITY MARKETING	3.00
HSMPT-273	EVENTS MANAGEMENT	3.00
HSMPT-280	TECHNOLOGY IN HOSPITALITY, TRAVEL & TOURISM	3.00
HSMPT-294	INTERNSHIP IN HOSPITALITY MANAGEMENT	3.00
LAWPT-265	BUSINESS LAW I	3.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>60.00</b>

Graduates from Hospitality Management ([https://www.careeronestop.org/toolkit/careers/occupations/occupation-profile.aspx?keyword=Food Service Managers&onetcode=11905100&location=UNITED STATES](https://www.careeronestop.org/toolkit/careers/occupations/occupation-profile.aspx?keyword=Food%20Service%20Managers&onetcode=11905100&location=UNITED%20STATES)) programs go on to obtain careers in a variety of fields:

- Entrepreneurship
- Event Planning
- Catering
- Travel and Tourism
- Hotel and Restaurant Management
- Food and Beverage Management
- Marketing and Promotions
- Customer Service

Check out the U.S. Bureau of Labor Statistics website (<https://www.bls.gov/ooh/home.htm>) for more information about the potential careers above.

## Food & Beverage ITC

Students desiring a Food & Beverage Management Intermediate Technical Certificate for 30 credits through Hospitality Management will receive specific training in restaurant and beverage management and its operations. This Intermediate Technical Certification provides professional technical hands-on instruction combined with up-to-date theory provided by some of the leading experts in the industry. The ITC option begins with the "Semester of Exploration" and completes in with an additional 15 credits. This program consists of laboratory-based/theory coursework, providing students with the knowledge needed to enter the workforce, enhance their existing position, and **DO MORE**.

Participation in internships is required by all students.

All Intermediate Technical Certifications in the Hospitality Management program can lead to an Advanced Technical Certification(ATC) or an Associate of Applied Science (AAS) in the program.

Coursework is credited through:

- American Hotel & Lodging Educational Institute
- National Restaurant Association of America
- Idaho Career Technical Education
- Industry Technical Advisory Committee

Upon completion of chosen Food & Beverage Management (ITC), students will:

- Develop the ability to supervise and train employees in all aspects of food and beverage operations
- Demonstrate communication skills needed in working in the hospitality industry with guests, employees, co-workers, and upper management.
- Develop the ability to oversee food, bar, and beverage operations
- Understand the connection of business fundamentals associated with food and beverage
- Perform and demonstrate all aspects of delivering exceptional guest service
- Passing the ServSafe Certification exam, students will be certified as a "ServSafe Manager" through the National Restaurant Association

## General Education Core

Code	Title	Credits
ENGL-101	WRITING AND RHETORIC I	3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	3.00

HRPT-184	DIVERSITY IN ORGANIZATIONS	3.00
or HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	

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**Total Credits** **9.00**

## Program Requirements

Code	Title	Credits
CULPT-101	CULINARY SKILLS I	3.00
GNBPT-101	BASIC ACCOUNTING	3.00
GNBPT-202	FINANCIAL BUSINESS APPLICATIONS	3.00
HSMPT-101	INTRODUCTION TO HOSPITALITY WITH SERVS SAFE CERTIFICATION	3.00
HSMPT-194	INTERNSHIP IN HOSPITALITY MANAGEMENT	3.00
HSMPT-210	FOOD AND BEVERAGE MANAGEMENT	3.00
HSMPT-280	TECHNOLOGY IN HOSPITALITY, TRAVEL & TOURISM	3.00
Completion of a Technical Skills Assessment is required		

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**Total Credits** **21.00**

## Front Office Management ITC

Students desiring the Front Office Management Intermediate Technical Certificate for 30 credits through Hospitality Management will receive training specific to hotel/resort front desk management and its operations. Upon completion of this certificate, students will be able to understand, organize, perform, and evaluate the front office functions that are critical to a hotel's success. This Intermediate Technical Certification provides professional technical hands-on instruction combined with up-to-date theory provided by some of the leading experts in the industry. The ITC option begins with the "Semester of Exploration" and completes with an additional 15 credits. This program consists of laboratory-based/theory coursework, providing students with the knowledge needed to enter the workforce, enhance their existing position, and **DO MORE**.

Participation in internships is required by all students.

All Intermediate Technical Certifications in the Hospitality Management program can lead to an Advanced Technical Certification (ATC) or an Associate of Applied Science (AAS) in the program.

Coursework is credited through:

- American Hotel & Lodging Educational Institute
- National Restaurant Association of America
- Idaho Career Technical Education
- Industry Technical Advisory Committee

Upon completion of the Front Office Management (ITC), students will:

- Understand the major responsibilities of a hotel's front office, as well as the cross-culture, management fundamentals, business structures, and ethics
- Understand how a front office manages guest reservations and the hotel's guest cycle
- Demonstrate and summarize the accounting tasks of a hotel's front desk
- Demonstrate proficiency in technological methods and functions of the hotel front office and be able to review the importance of ensuring guest information and data
- Demonstrate communication skills needed in working in the hospitality industry with guests, employees, co-workers, and upper management.
- Understand and address issues and concerns related to safety, security of people, property, and the well-being of the industry
- Develop the ability to supervise and train employees and over-see housekeeping operations
- Passing the ServSafe Certification exam, students will be certified as a "ServSafe Manager" through the National Restaurant Association

## General Education Core

Code	Title	Credits
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	3.00

or PSYC-101

INTRODUCTION TO GENERAL PSYCHOLOGY

**Total Credits****9.00**

## Program Requirements

Code	Title	Credits
CULPT-101	CULINARY SKILLS I	3.00
GNBPT-101	BASIC ACCOUNTING	3.00
GNBPT-202	FINANCIAL BUSINESS APPLICATIONS	3.00
HSMPT-101	INTRODUCTION TO HOSPITALITY WITH SERVSAFE CERTIFICATION	3.00
HSMPT-194	INTERNSHIP IN HOSPITALITY MANAGEMENT	3.00
HSMPT-210	FOOD AND BEVERAGE MANAGEMENT	3.00
HSMPT-221	FRONT OFFICE MANAGEMENT WITH EXECUTIVE HOUSE KEEPING	3.00
HSMPT-280	TECHNOLOGY IN HOSPITALITY, TRAVEL & TOURISM	3.00

Completion of a Technical Skills Assessment is required

**Total Credits****24.00**

## Hospitality Management ATC

Students enrolled in the Hospitality Management ATC for 51 credits will receive relevant and industry-driven instruction in management processes directly aligned to the hospitality industry. This degree provides professional technical hands-on instruction combined with up-to-date theory provided by some of the leading experts in the industry. The AAS option begins with the "Semester of Exploration" and leads through "Pathways" to emphasis in areas of concentration such as Hospitality Management, Culinary Arts, and Hotel/Resort Management. The unique delivery aspect of the Hospitality Management program not only focuses on technical skills, but also incorporates the vital business and marketing "Owner Mindset" with industry design components, management fundamentals, and ethics to give the students the knowledge to be successful and **DO MORE**.

Pathways

- Hospitality Management (ATC)

\*For (ATC) Options in Culinary Arts and Hotel/Resort Management pathways, speak with Hospitality Management program advisors.

Participation in internships is required by all students.

Coursework is credited through:

- American Hotel & Lodging Educational Institute
- National Restaurant Association of America
- Idaho Career Technical Education
- Industry Technical Advisory Committee

Upon completion of the Advanced Technical Certification, students will:

- Demonstrate an advanced level (ATC) or higher, knowledge and skills base required of the hospitality management, travel & tourism industry in the student's chosen "Pathway" or completer program.
- Demonstrate communication skills needed in working in the hospitality industry with guests, employees, co-workers, and upper management.
- Understand and address issues and concerns related to safety, security of people, property, and the well-being of the industry
- Regardless of "Pathway" or emphasis, understand that all aspects of hospitality, travel & tourism are connected
- Understand the cross-culture, management fundamentals, business structures, and ethics of the hospitality, travel & tourism industry

## General Education Core

Code	Title	Credits
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
HRPT-184	DIVERSITY IN ORGANIZATIONS	3.00
or HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	

**Total Credits****9.00**

## Program Requirements

Code	Title	Credits
CULPT-101	CULINARY SKILLS I	3.00
GNBPT-101	BASIC ACCOUNTING	3.00
GNBPT-110	BUSINESS COMPUTER SKILLS	3.00
GNBPT-202	FINANCIAL BUSINESS APPLICATIONS	3.00
HSMPT-101	INTRODUCTION TO HOSPITALITY WITH SERVSAFE CERTIFICATION	3.00
HSMPT-194	INTERNSHIP IN HOSPITALITY MANAGEMENT	3.00
HSMPT-210	FOOD AND BEVERAGE MANAGEMENT	3.00
HSMPT-243	HOSPITALITY MARKETING	3.00
HSMPT-251	HOTEL/MOTEL OPERATIONS	3.00
HSMPT-256	HOSPITALITY LAB/SKILLS DEVELOPMENT	3.00
HSMPT-257	HOSPITALITY LAB/SKILLS DEVELOPMENT	3.00
HSMPT-273	EVENTS MANAGEMENT	3.00
HSMPT-280	TECHNOLOGY IN HOSPITALITY, TRAVEL & TOURISM	3.00
Elective	Elective Credits	3.00
<b>Total Credits</b>		<b>42.00</b>

## Interdisciplinary Studies AAS

This 63-credit Interdisciplinary Associate of Applied Science (ID\_AAS) degree allows students to explore two different areas of study (each area of concentration will have a minimum of 24 credits) and acquire 15 of the 37 general education credits that could transfer into a four-year Bachelor of Applied Science degree one or both areas of concentration. This degree is also an exit point in CTE programs, and a strategic entry point for undecided CTE students as they enter college.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	
<b>Social &amp; Behavioral Ways of Knowing</b>		
HRPT/SS-185	HUMAN RELATIONS IN ORGANIZATIONS	3.00
<b>Additional General Education Courses</b>		
Select one of the following:		3.00-5.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	

ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ANTH-360	RACE AND ETHNICITY
ART-100	INTRODUCTION TO ART
BIOF-100	INTRODUCTION TO BIOINFORMATICS
BIOL-100	CONCEPTS OF BIOLOGY
BIOL-120	PLANTS AND PEOPLE
BIOL-123	BIOLOGY IN FILM
BIOL-175	HUMAN BIOLOGY
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I
CHEM-100	CONCEPTS OF CHEMISTRY
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY
CHEM-111	PRINCIPLES OF CHEMISTRY I
COMM-345	INTERCULTURAL COMMUNICATION
CS/CITPT-108	INTRODUCTION TO COMPUTER SCIENCE
ECON-201	PRINCIPLES OF MACROECONOMICS
ECON-202	PRINCIPLES OF MICROECONOMICS
ENGL-102	WRITING AND RHETORIC II
ENGL-109	COLLEGE WRITING AND RESEARCH
ENGL-175	LITERATURE AND IDEAS
ENGL-257	WORLD CLASSICS
ENGL-258	INTERNATIONAL LITERATURE
ENGL-260	NATIVE AMERICAN LITERATURE
ENGL-261	MYTHOLOGIES
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOG-102	INTRODUCTION TO GEOGRAPHY
GEOL-101	PHYSICAL GEOLOGY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE
HUM-150	INTRODUCTION TO THE ARTS
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT/SS-184	DIVERSITY IN ORGANIZATIONS
ID-300A - ID-300Z (see course descriptions for options)	
ID-240	INTEGRATED SCIENCE II
ID-301A	HELLS CANYON INSTITUTE
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
MUS-101	SURVEY OF MUSIC
MUS-102	MUSIC IN AMERICA
MUS-150	WORLD MUSIC
MUS-151	HISTORY OF MUSICAL THEATER
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
NS-140	INTEGRATED SCIENCE I
NS-150	INTRODUCTION TO NATURAL SCIENCES
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR
PHYS-111	GENERAL PHYSICS I
or PHYS-112	GENERAL PHYSICS II

PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS
PHYS-205	DESCRIPTIVE ASTRONOMY
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
THEA-101	SURVEY OF THE THEATER

**Total Credits** 15.00-19.00

## Program Requirements

Code	Title	Credits
<b>Major Courses</b>		
Area of Concentration 1:		24.00
Select a minimum of 24 credits at the 100 level and above.		
Area of Concentration 2:		24.00
Select a minimum of 24 credits at the 100 level and above.		
<b>Total Credits</b>		<b>48.00</b>

## Legal Practice Assistant AAS

Students pursuing the Legal Practice Assistant Associate's degree option will be provided with training in legal office procedures and the preparation of legal documents. Internship experience in a law-related office is an integral part of the Legal Practice Assistant curriculum.

Upon completion of this degree, students will:

- Produce legal documents from draft, dictation, and forms
- Understand basic legal research skills and be able to work effectively in a standard law library
- Maintain office, court calendars, and understand basic office procedures
- Work effectively with a wide spectrum of legal professionals
- Maintain confidentiality
- Understand the importance of legal ethics
- Demonstrate knowledge and skill to run a variety of computer programs

Completion of a Technical Skill Assessment is required.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00

MATH-123	MATH IN MODERN SOCIETY
MATH-130	FINITE MATHEMATICS
MATH-143	COLLEGE ALGEBRA
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY
MATH-153	STATISTICAL REASONING
MATH-170	CALCULUS I
MATH-253	STATISTICAL METHODS FOR THE SCIENCES
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II
MTHPT-130	FINITE MATHEMATICS
MTHPT-137	MATH FOR TECHNOLOGY
MTHPT-153	STATISTICAL REASONING

**Social & Behavioral Ways of Knowing**

HRPT/SS-185	HUMAN RELATIONS IN ORGANIZATIONS	3.00
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**Additional General Education Courses**

Select one of the following: 3.00-5.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ANTH-360	RACE AND ETHNICITY
ART-100	INTRODUCTION TO ART
BIOF-100	INTRODUCTION TO BIOINFORMATICS
BIOL-100	CONCEPTS OF BIOLOGY
BIOL-120	PLANTS AND PEOPLE
BIOL-123	BIOLOGY IN FILM
BIOL-175	HUMAN BIOLOGY
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I
CHEM-100	CONCEPTS OF CHEMISTRY
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY
CHEM-111	PRINCIPLES OF CHEMISTRY I
COMM-345	INTERCULTURAL COMMUNICATION
CS/CITPT-108	INTRODUCTION TO COMPUTER SCIENCE
ECON-201	PRINCIPLES OF MACROECONOMICS
ECON-202	PRINCIPLES OF MICROECONOMICS
ENGL-102	WRITING AND RHETORIC II
ENGL-109	COLLEGE WRITING AND RESEARCH
ENGL-175	LITERATURE AND IDEAS
ENGL-257	WORLD CLASSICS
ENGL-258	INTERNATIONAL LITERATURE
ENGL-260	NATIVE AMERICAN LITERATURE
ENGL-261	MYTHOLOGIES
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOG-102	INTRODUCTION TO GEOGRAPHY
GEOL-101	PHYSICAL GEOLOGY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE
HUM-150	INTRODUCTION TO THE ARTS
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II

HRPT/SS-184	DIVERSITY IN ORGANIZATIONS
ID-300A - ID-300Z (see course descriptions for options)	
ID-240	INTEGRATED SCIENCE II
ID-301A	HELLS CANYON INSTITUTE
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
MUS-101	SURVEY OF MUSIC
MUS-102	MUSIC IN AMERICA
MUS-150	WORLD MUSIC
MUS-151	HISTORY OF MUSICAL THEATER
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
NS-140	INTEGRATED SCIENCE I
NS-150	INTRODUCTION TO NATURAL SCIENCES
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR
PHYS-111	GENERAL PHYSICS I
or PHYS-112	GENERAL PHYSICS II
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS
PHYS-205	DESCRIPTIVE ASTRONOMY
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
THEA-101	SURVEY OF THE THEATER

**Total Credits****15.00-19.00**

## Program Requirements

Code	Title	Credits
CITPT-101	INTRODUCTION TO WEB DESIGN & DEVELOPMEN	3.00
GNBPT-101	BASIC ACCOUNTING	3.00
GNBPT-110	BUSINESS COMPUTER SKILLS	3.00
GNBPT-112	EXCEL	3.00
GNBPT-185	BUSINESS COMMUNICATION	3.00
GNBPT-200	BUSINESS DOCUMENT PROCESSING	3.00
GNBPT-222	BUSINESS EDITING	3.00
GNBPT-233	OFFICE PROCEDURES	3.00
LAWPT-219	LEGAL TERMINOLOGY	3.00
LAWPT-224	INTRODUCTION TO LAW	3.00
LAWPT-230	LEGAL RESEARCH AND WRITING I	3.00
LAWPT-265	BUSINESS LAW I	3.00
LAWPT-274	LEGAL PROCEDURES	3.00
LAWPT-294A	INTERNSHIP IN LAW I	3.00
MGTPT-270	BUSINESS ETHICS	3.00



Completion of a Technical Skills Assessment is required

**Total Credits** **45.00**

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
GNBPT-110	BUSINESS COMPUTER SKILLS	3.00
GNBPT-185	BUSINESS COMMUNICATION	3.00
GNBPT-200	BUSINESS DOCUMENT PROCESSING	3.00
LAWPT-219	LEGAL TERMINOLOGY	3.00
MGTPT-270	BUSINESS ETHICS	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
CORE	Mathematical Ways of Knowing	3.00
GNBPT-101	BASIC ACCOUNTING	3.00
GNBPT-222	BUSINESS EDITING	3.00
GNBPT-233	OFFICE PROCEDURES	3.00
LAWPT-224	INTRODUCTION TO LAW	3.00
<b>Credits</b>		<b>15.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CITPT-101	INTRODUCTION TO WEB DESIGN & DEVELOPMEN	3.00
CORE	Oral Communication	3.00
CORE	Additional General Education Course	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
GNBPT-112	EXCEL	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
HRPT-185 or SS-185	HUMAN RELATIONS IN ORGANIZATIONS or HUMAN RELATIONS IN ORGANIZATIONS	3.00
LAWPT-230	LEGAL RESEARCH AND WRITING I	3.00
LAWPT-265	BUSINESS LAW I	3.00
LAWPT-274	LEGAL PROCEDURES	3.00
LAWPT-294A	INTERNSHIP IN LAW I	3.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>60.00</b>

Graduates from Legal Practice Assistant ([https://www.careeronestop.org/toolkit/careers/occupations/occupation-profile.aspx?keyword=Legal Secretaries&onetcode=43601200&location=UNITED STATES](https://www.careeronestop.org/toolkit/careers/occupations/occupation-profile.aspx?keyword=Legal%20Secretaries&onetcode=43601200&location=UNITED%20STATES)) programs go on to obtain careers in a variety of fields:

- Paralegal
- Legal Practice Assistant
- Court Clerk
- Title/Abstract Examiner
- Legal Researcher
- Contract Specialist
- Claims Adjuster
- Court Assistance Program Specialist
- Limited Practice Officer

Check out the U.S. Bureau of Labor Statistics (<https://www.bls.gov/ooh/home.htm>) website for more information about the potential careers listed above.

## Legal Practice Assistant ATC

Students pursuing the Legal Practice Assistant Advanced Technical Certificate option will receive training in legal office procedures and the preparation of legal documents. An internship experience in a law-related office is also an integral part of the curriculum.

Upon completion of the program, students will:

- Produce legal documents from draft, dictation, and forms
- Understand basic legal research skills and be able to work effectively in a standard law library
- Maintain office, court calendars, and understand basic office procedures
- Work effectively with a wide spectrum of legal professionals
- Maintain confidentiality
- Understand the importance of legal ethics
- Demonstrate knowledge and skill to run a variety of computer programs

Completion of a Technical Skill Assessment is required.

## General Education Core

Code	Title	Credits
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	3.00
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	3.00
<b>Total Credits</b>		<b>6.00</b>

## Program Requirements

Code	Title	Credits
GNBPT-100	KEYBOARDING	1.00
GNBPT-101	BASIC ACCOUNTING	3.00
GNBPT-110	BUSINESS COMPUTER SKILLS	3.00
GNBPT-112	EXCEL	3.00
GNBPT-185	BUSINESS COMMUNICATION	3.00
GNBPT-200	BUSINESS DOCUMENT PROCESSING	3.00
GNBPT-202	FINANCIAL BUSINESS APPLICATIONS	3.00
GNBPT-233	OFFICE PROCEDURES	3.00
MGTPT-270	BUSINESS ETHICS	3.00
LAWPT-219	LEGAL TERMINOLOGY	3.00
LAWPT-224	INTRODUCTION TO LAW	3.00
LAWPT-230	LEGAL RESEARCH AND WRITING I	3.00
LAWPT-265	BUSINESS LAW I	3.00
LAWPT-274	LEGAL PROCEDURES	3.00
LAWPT-294A	INTERNSHIP IN LAW I	3.00
LAWPT-323	CIVIL LITIGATION	3.00

Completion of a Technical Skills Assessment is required

<b>Total Credits</b>		<b>46.00</b>
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## Legal Office Technology ITC

Students pursuing a Legal Office Technology Intermediate Technical Certificate will gain entry level skills to work in a law-related office. These courses will apply to all Legal Support programs.

Upon completion of this certificate, students will:

- Demonstrate employability skills and habits
- Perform routine clerical skills, which include telephone, filing, records management, mail handling, reprographic, and information processing activities
- Demonstrate interpersonal, teamwork, leadership, and decision-making skills

- Apply knowledge of legal terms used in various law-related activities
- Demonstrate basic understanding of local, state, and federal court systems

Completion of a Technical Skill Assessment is required.

## General Education Core

Code	Title	Credits
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	3.00
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	3.00
<b>Total Credits</b>		<b>6.00</b>

## Program Requirements

Code	Title	Credits
CITPT-101	INTRODUCTION TO WEB DESIGN & DEVELOPMEN	3.00
GNBPT-110	BUSINESS COMPUTER SKILLS	3.00
GNBPT-185	BUSINESS COMMUNICATION	3.00
GNBPT-202	FINANCIAL BUSINESS APPLICATIONS	3.00
GNBPT-233	OFFICE PROCEDURES	3.00
LAWPT-219	LEGAL TERMINOLOGY	3.00
LAWPT-274	LEGAL PROCEDURES	3.00
MGTPT-270	BUSINESS ETHICS	3.00

Completion of a Technical Skills Assessment is required

<b>Total Credits</b>		<b>24.00</b>
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## Pre-Law Minor

While there is no single major or pathway that will prepare a student for law school, there are important skills and bodies of knowledge that a student can acquire that will provide a strong foundation for a legal education and a successful career in law. The pre-law minor explores the study of law from an interdisciplinary perspective. Students take a core of required classes that will enhance their critical thinking and analytical abilities as well as provide a better understanding of the law. In addition, students will select elective courses, with the assistance of their advisor, that will further develop their analyzing and problem-solving skills, critical reading ability, communication skills including, written, oral, and listening abilities, research skills, and organization and management skills. The minor is designed for students who plan to attend law school, or for those who desire a career in a closely related legal profession.

## Program Requirements

Code	Title	Credits
BUS-365	BUSINESS LAW I	3.00
COMM-205	LOGIC AND ARGUMENTATION	3.00
COMM-320	PERSUASION	3.00
or COMM-330	PROFESSIONAL COMMUNICATION	
LAWPT-224	INTRODUCTION TO LAW	3.00
LAWPT-230	LEGAL RESEARCH AND WRITING I	3.00
POLS-101	AMERICAN NATIONAL GOVERNMENT	3.00
POLS-345	CONSTITUTIONAL LAW	3.00

### Program Electives

Select 6 credits from the following:

JS-225	CRIMINAL PROCEDURE	3.00
JS-325	CRIMINAL LAW	3.00
JS-492	SPECIAL TOPICS IN JUSTICE STUDIES	3.00
LAWPT-323	CIVIL LITIGATION	3.00
LAWPT-324	ADVANCED CIVIL LITIGATION	3.00
LAWPT-331	LEGAL RESEARCH AND WRITING II	3.00
LAWPT-345	TORT LAW	3.00
POLS-200	SOCIAL AND POLITICAL PHILOSOPHY	3.00

POLS-285	COMPARATIVE GOVERNMENT
POLS-340	SOCIAL POLICY
POLS-464	POLITICAL PSYCHOLOGY
PSYC-320	SOCIAL PSYCHOLOGY

**Total Credits****27.00**

## Medical Assistant AAS

Medical Assisting is a meaningful career choice that can change lives and be a gateway to many career opportunities! As one of the nation's fastest growing Allied Health careers, according to US Bureau of Labor Statistics, Medical Assisting employment is projected to grow 16% through 2031, much faster than the average for all occupations.

The Lewis-Clark State College Medical Assistant Program prepares students to become multi-skilled Allied Health Professionals specifically educated and cross-trained to perform a broad scope of both administrative and clinical duties within a medical facility. Students will get hands-on skills training from highly involved instructors who know industry and 180 hours of clinical experience in a medical facility.

Upon successful completion, graduates of the program are eligible to sit for the CMA (AAMA) exam which is considered the gold standard of medical assisting professionalism. The CMA (AAMA) credential means a *professional edge, increased prestige among peers and employers, better job security, and greater career advancement opportunities.*

### Program Emphases Include:

- Cross-training in all aspects of both administrative and clinical duties
- Measuring vital signs
- Assisting with patient exams
- Assisting with minor office surgeries and procedures
- Administering medications including injections
- Performing phlebotomy and routine lab tests
- Scheduling appointments and surgeries
- Preparing and maintaining electronic medical records
- Operating medical office software and equipment, including EKG's
- 180 Hour hands-on Clinical Experience course in a medical facility

### Program Pathways

The Medical Assistant Program offers two pathway opportunities:

- An **Intermediate Technical Certificate (ITC)** where you complete a semester of pre-requisites then two semesters of professional Medical Assistant courses.
- An **Associate of Applied Science (AAS)** degree where you complete the ITC and an additional semester of core and healthcare focused courses available online, for which you will receive an associate degree in addition to the ITC.

All students in the program, whether completing the Associate of Applied Science (AAS) degree or the Intermediate Technical Certificate (ITC), will be eligible to sit for the CMA (AAMA) exam at the end of their second semester of the professional program Medical Assistant courses.

Successful completion of the Medical Assistant program will result in either an Intermediate Technical Certificate or an Associate of Applied Science degree.

### Program Learning Outcomes

Upon completion of the Medical Assistant ITC and the AAS degree, students will:

- Be prepared as Medical Assistants who are competent in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains to enter the profession.
- Be prepared to successfully complete the Certified Medical Assistant Exam.
- Be cross trained and prepared as entry-level Medical Assistants able to work in BOTH back office-clinical and front office-administrative Medical Assistant positions.
- Be prepared as capable entry-level Certified Medical Assistants to meet the needs of the regional health care industry.
- Complete a complex body of knowledge and demonstrate specialized skills with 180 hours of hands-on practical experience in the field.

**Completion of a Technical Skills Assessment, the Certified Medical Assistant (AAMA) Exam, is required.**

### Accreditation

The LCSC Medical Assistant Program is accredited by the Commission on Accreditation of Allied Health Education Programs ([www.caahep.org](http://www.caahep.org)) upon the recommendation of the Medical Assisting Education Review Board (MAERB).

Commission on Accreditation of Allied Health Education Programs  
9355 - 113th St. N, #7709  
Seminole, FL 33775  
727-210-2350  
[www.caahep.org](http://www.caahep.org) (<http://www.caahep.org>)

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY (or MATH-147A & MATH-147B)	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	
<b>Social &amp; Behavioral Ways of Knowing</b>		
Select one of the following:		3.00
HRPT/SS-185	HUMAN RELATIONS IN ORGANIZATIONS	
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	
<b>Scientific Ways of Knowing</b>		
Select one of the following:		4.00
BIOL-175	HUMAN BIOLOGY	
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	
<b>Total Credits</b>		<b>16.00-18.00</b>

## Program Requirements

Code	Title	Credits
MEDPT-170	MEDICAL INSURANCE	3.00
MEDPT-173	MEDICAL TERMINOLOGY	3.00
MEDPT-175	ADMINISTRATIVE MEDICAL ASSISTING I	3.00
MEDPT-185	MED ASST PROFESSION & FOUNDATIONS	3.00
MEDPT-240	PHARMACOLOGY FOR HEALTH PROFESSIONS	3.00
MEDPT-245	PHLEBOTOMY FOR HEALTH PROFESSIONS	2.00
MEDPT-251	MEDICAL TRANSCRIPTION I	3.00
MEDPT-252	CLINICAL EXPERIENCE	5.00
MEDPT-255	MEDICAL ASSISTING I	5.00
MEDPT-260	MEDICAL ASSISTING II	5.00
MEDPT-275	MEDICAL CODING	3.00

Select 5 credits from the following:	5.00
AHLTH-130	INTRODUCTION TO ALLIED HEALTH
GNBPT-101	BASIC ACCOUNTING
GNBPT-185	BUSINESS COMMUNICATION
MEDPT-259	PATIENT RECORD SYSTEMS
MEDPT-285	MEDICAL CODING II
Completion of a Technical Skills Assessment is required	
<b>Total Credits</b>	<b>43.00</b>

<sup>1</sup> Advising Note: If MTHPT-130 is not taken as core Math, also take GNBPT-202.

<sup>2</sup> All course work requires a grade of C or higher.

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
BIOL-175 or BIOL-227	HUMAN BIOLOGY or HUMAN ANATOMY AND PHYSIOLOGY I	4.00
CORE	Mathematical Ways of Knowing	4.00
MEDPT-173	MEDICAL TERMINOLOGY	3.00
MEDPT-185	MED ASST PROFESSION & FOUNDATIONS	3.00
<b>Credits</b>		<b>14.00</b>
<b>Spring</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
HRPT-185 or PSYC-101	HUMAN RELATIONS IN ORGANIZATIONS or INTRODUCTION TO GENERAL PSYCHOLOGY	3.00
MEDPT-240	PHARMACOLOGY FOR HEALTH PROFESSIONS	3.00
MEDPT-245	PHLEBOTOMY FOR HEALTH PROFESSIONS	2.00
MEDPT-255	MEDICAL ASSISTING I	5.00
<b>Credits</b>		<b>16.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Oral Communication	3.00
MEDPT-175	ADMINISTRATIVE MEDICAL ASSISTING I	3.00
MEDPT-251	MEDICAL TRANSCRIPTION I	3.00
MEDPT-260	MEDICAL ASSISTING II	5.00
Program Requirement	AHLTH-130, GNBPT-101, GNBPT-185, MEDPT-259 or MEDPT-285	3.00
<b>Credits</b>		<b>17.00</b>
<b>Spring</b>		
MEDPT-170	MEDICAL INSURANCE	3.00
MEDPT-252	CLINICAL EXPERIENCE	5.00
MEDPT-275	MEDICAL CODING	3.00
Program Requirement	AHLTH-130, GNBPT-101, GNBPT-185, MEDPT-259 or MEDPT-285	2.00
<b>Credits</b>		<b>13.00</b>
<b>Total Credits</b>		<b>60.00</b>

As one of the fastest growing Allied Health Care careers, Medical Assisting offers terrific opportunities for advancement. Medical Assistants can advance to office manager, clinical supervisor, a variety of advanced administrative support occupations, and even teach Medical Assisting. Another great thing about earning your MA degree and because LCSC graduates are prepared to become CMA (AAMA) Certified, is that your new skill set opens a series of doors beyond medical assisting. our graduates are uniquely qualified to excel in both existing careers and emerging new Patient-Centered Medical Home (PCMH) roles available like:

- EKG Technician
- Phlebotomy Technician
- Pharmacy Technician
- Electronic Health Records Specialist
- Patient Care Technician
- Health Unit Clerk
- Medical Office Assistant
- Medical Office Manager
- Billing and Coding Specialist
- Public Health Inspector
- Panel Manager
- Patient Navigator
- Wellness/Health Coach
- Patient Care Coordinator

Check out the U.S. Bureau of Labor Statistics website (<https://www.bls.gov/ooh/home.htm>) for more information about the potential careers above.

## Medical Assistant ITC

Medical Assisting is a meaningful career choice that can change lives and be a gateway to many career opportunities! As one of the nation's fastest growing Allied Health careers, according to US Bureau of Labor Statistics, Medical Assisting employment is projected to grow 16% through 2031, much faster than the average for all occupations.

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Upon successful completion, graduates of the program are eligible to sit for the CMA (AAMA) exam which is considered the gold standard of medical assisting professionalism. The CMA (AAMA) credential means a *professional edge, increased prestige among peers and employers, better job security, and greater career advancement opportunities.*

### Program Emphases Include:

- Cross-training in all aspects of both administrative and clinical duties
- Measuring vital signs
- Assisting with patient exams
- Assisting with minor office surgeries and procedures
- Administering medications including injections
- Performing phlebotomy and routine lab tests
- Scheduling appointments and surgeries
- Preparing and maintaining electronic medical records
- Operating medical office software and equipment, including EKG's
- 180 Hour hands-on Clinical Experience course in a medical facility

### Program Pathways

The Medical Assistant Program offers two pathway opportunities:

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- An **Associate of Applied Science (AAS)** degree where you complete the ITC and an additional semester of core and healthcare focused courses available online, for which you will receive an associate degree in addition to the ITC.

All students in the program whether completing the Associate of Applied Science (AAS) degree or the Intermediate Technical Certificate (ITC) will be eligible to sit for the CMA (AAMA) exam at the end of their second semester of the professional program Medical Assistant courses.

Successful completion of the Medical Assistant program will result in either an Intermediate Technical Certificate or an Associate of Applied Science degree.

### Program Learning Outcomes

Upon completion of the Medical Assistant ITC and the AAS degree, students will:

- Be prepared as Medical Assistants who are competent in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains to enter the profession.
- Be prepared to successfully complete the Certified Medical Assistant Exam.
- Be cross trained and prepared as entry-level Medical Assistants able to work in BOTH back office-clinical and front office-administrative Medical Assistant positions.
- Be prepared as capable entry-level Certified Medical Assistants to meet the needs of the regional health care industry.
- Complete a complex body of knowledge and demonstrate specialized skills with 180 hours of hands-on practical experience in the field.

**Completion of a Technical Skills Assessment, Certified Medical Assistant (AAMA) Exam, is required.**

#### Accreditation

The LCSC Medical Assistant Program is accredited by the Commission on Accreditation of Allied Health Education Programs ([www.caahep.org](http://www.caahep.org)) upon the recommendation of the Medical Assisting Education Review Board (MAERB).

Commission on Accreditation of Allied Health Education Programs

9355 - 113th St. N, #7709

Seminole, FL 33775

727-210-2350

[www.caahep.org](http://www.caahep.org) (<http://www.caahep.org/>)

## General Education Core

Code	Title	Credits
ENGL-101	WRITING AND RHETORIC I	3.00
MTHPT-130	FINITE MATHEMATICS	4.00
BIOL-175	HUMAN BIOLOGY	4.00
or BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	
<b>Total Credits</b>		<b>11.00</b>

## Program Requirements

Code	Title	Credits
MEDPT-173	MEDICAL TERMINOLOGY	3.00
MEDPT-175	ADMINISTRATIVE MEDICAL ASSISTING I	3.00
MEDPT-185	MED ASST PROFESSION & FOUNDATIONS	3.00
MEDPT-240	PHARMACOLOGY FOR HEALTH PROFESSIONS	3.00
MEDPT-245	PHLEBOTOMY FOR HEALTH PROFESSIONS	2.00
MEDPT-252	CLINICAL EXPERIENCE	6.00
MEDPT-255	MEDICAL ASSISTING I	5.00
MEDPT-260	MEDICAL ASSISTING II	5.00
MEDPT-275	MEDICAL CODING	3.00
<b>Total Credits</b>		<b>33.00</b>

## Packaging Design AAS

The Packaging Design AAS comprises 60 credits of coursework that prepares students for entry-level employment in the multi-billion dollar packaging and display industry. It also provides workers who want to update their skills in this discipline the opportunity to do so.

Students are required to own a laptop computer and purchase specified software. Please review full program requirements at Graphic Communications Laptop Policy (pdf) ([http://catalog.lcsc.edu/professional-technical-programs/business-technology-service-division/associate-applied-science-degrees/graphic-design-printing-technology/Laptop\\_Requirement\\_GC.pdf](http://catalog.lcsc.edu/professional-technical-programs/business-technology-service-division/associate-applied-science-degrees/graphic-design-printing-technology/Laptop_Requirement_GC.pdf)). Students must earn at least a C grade or better in all program courses to continue in the Graphic Communications/Packaging Design program. \*NOTE: Students entering the Graphic Communications/Packaging Design program must own or have access to a camera (digital SLR or phone) capable of shooting in RAW format.



## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	
<b>Social &amp; Behavioral Ways of Knowing</b>		
HRPT/SS-185	HUMAN RELATIONS IN ORGANIZATIONS	3.00
<b>Additional General Education Courses</b>		
Select one of the following:		3.00-5.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ANTH-360	RACE AND ETHNICITY	
ART-100	INTRODUCTION TO ART	
BIOF-100	INTRODUCTION TO BIOINFORMATICS	
BIOL-100	CONCEPTS OF BIOLOGY	
BIOL-120	PLANTS AND PEOPLE	
BIOL-123	BIOLOGY IN FILM	
BIOL-175	HUMAN BIOLOGY	
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	
CHEM-100	CONCEPTS OF CHEMISTRY	
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	
CHEM-111	PRINCIPLES OF CHEMISTRY I	
COMM-345	INTERCULTURAL COMMUNICATION	
CS/CITPT-108	INTRODUCTION TO COMPUTER SCIENCE	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
ENGL-102	WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE	

FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOG-102	INTRODUCTION TO GEOGRAPHY
GEOL-101	PHYSICAL GEOLOGY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE
HUM-150	INTRODUCTION TO THE ARTS
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT/SS-184	DIVERSITY IN ORGANIZATIONS
ID-300A - ID-300Z (see course descriptions for options)	
ID-240	INTEGRATED SCIENCE II
ID-301A	HELLS CANYON INSTITUTE
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
MUS-101	SURVEY OF MUSIC
MUS-102	MUSIC IN AMERICA
MUS-150	WORLD MUSIC
MUS-151	HISTORY OF MUSICAL THEATER
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
NS-140	INTEGRATED SCIENCE I
NS-150	INTRODUCTION TO NATURAL SCIENCES
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR
PHYS-111	GENERAL PHYSICS I
or PHYS-112	GENERAL PHYSICS II
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS
PHYS-205	DESCRIPTIVE ASTRONOMY
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
THEA-101	SURVEY OF THE THEATER

**Total Credits****15.00-19.00**

## Program Requirements

Code	Title	Credits
PITPT-102	INTRO/GRAPHIC COMMUNICATIONS	3.00
PITPT-111	INTRODUCTION TO PACKAGING	3.00
PITPT-119	ADOBE INDESIGN	3.00
PITPT-129	ADOBE ILLUSTRATOR	3.00
PITPT-139	ADOBE PHOTOSHOP	3.00

PITPT-194A	INTERNSHIP IN PRINTING TECHNOLOGY I	3.00
PITPT-211	GRAPHIC COMMUNICATIONS III	6.00
PITPT-229	PRINCIPLES OF DESIGN I	3.00
PITPT-281	PACKAGING STRUCTURAL DESIGN	3.00
PITPT-289	PACKAGING GRAPHICS	3.00
PITPT-285	POINT OF PURCHASE DISPLAYS	3.00
PITPT-288	PACKAGING OPTIMIZATION	3.00
PITPT-329	PRINCIPLES OF DESIGN II	3.00
Select 3 elective credits		3.00
Completion of a Technical Skills Assessment is required		
<b>Total Credits</b>		<b>45.00</b>

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
CORE	Mathematical Ways of Knowing	3.00
CORE	Oral Communication	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
PITPT-102	INTRO/GRAPHIC COMMUNICATIONS	3.00
PITPT-111	INTRODUCTION TO PACKAGING	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
HRPT-185 or SS-185	HUMAN RELATIONS IN ORGANIZATIONS or HUMAN RELATIONS IN ORGANIZATIONS	3.00
PITPT-119	ADOBE INDESIGN	3.00
PITPT-129	ADOBE ILLUSTRATOR	3.00
PITPT-229	PRINCIPLES OF DESIGN I	3.00
PITPT-281	PACKAGING STRUCTURAL DESIGN	3.00
<b>Credits</b>		<b>15.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Additional General Education Course	3.00
PITPT-139	ADOBE PHOTOSHOP	3.00
PITPT-289	PACKAGING GRAPHICS	3.00
PITPT-329	PRINCIPLES OF DESIGN II	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
PITPT-194A	INTERNSHIP IN PRINTING TECHNOLOGY I	3.00
PITPT-211	GRAPHIC COMMUNICATIONS III	6.00
PITPT-285	POINT OF PURCHASE DISPLAYS	3.00
PITPT-288	PACKAGING OPTIMIZATION	3.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>60.00</b>

- Structural Designer
- Graphic Designer
- Sales Representative
- Production Personnel
- Plant Manager

## Packaging Design ITC

The Packaging Design Intermediate Technical Certificate comprises 30 credits that prepare students for entry-level employment in the multi-billion dollar packaging and display industry. It provides an exit point for students who want to start working in the field, or for workers who want to update their skills in graphic communications/packaging. It also provides an avenue to easily add an AAS in Graphic Communications or Packaging Design.

Students are required to own a laptop computer and purchase specified software. Please review the full program requirements in the Graphic Communications Laptop Policy (pdf) ([http://catalog.lcsc.edu/professional-technical-programs/business-technology-service-division/associate-applied-science-degrees/graphic-design-printing-technology/Laptop\\_Requirement\\_GC.pdf](http://catalog.lcsc.edu/professional-technical-programs/business-technology-service-division/associate-applied-science-degrees/graphic-design-printing-technology/Laptop_Requirement_GC.pdf)). Students must earn at least a C grade or better in all program courses to continue in the Graphic Communications/Packaging Design program.

**\*NOTE:** Students entering the Graphic Communications/Packaging Design program must own or have access to a camera (digital SLR or phone) capable of shooting in RAW format.

## General Education Requirements

Code	Title	Credits
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	3.00
HRPT/SS-185	HUMAN RELATIONS IN ORGANIZATIONS	3.00
MTHPT-137	MATH FOR TECHNOLOGY	4.00
<b>Total Credits</b>		<b>10.00</b>

## Program Requirements

Code	Title	Credits
PITPT-102	INTRO/GRAPHIC COMMUNICATIONS	3.00
PITPT-111	INTRODUCTION TO PACKAGING	3.00
PITPT-129	ADOBE ILLUSTRATOR	3.00
PITPT-139	ADOBE PHOTOSHOP	3.00
PITPT-209	TYPOGRAPHY	3.00
PITPT-281/381	PACKAGING STRUCTURAL DESIGN	3.00
PITPT-289/389	PACKAGING GRAPHICS	3.00
<b>Total Credits</b>		<b>21.00</b>

## Paralegal BAS

The Paralegal program educates and trains students to perform substantive and procedural legal work under the supervision of a lawyer. Paralegals are non-lawyers who assist attorneys in their professional duties. Two options are available in the Paralegal program: an 63-credit AAS degree program and a 30-credit Intermediate Technical Certificate program. Upon completion of the Paralegal AAS degree, students will:

- Be able to think critically
- Demonstrate organizational skills
- Work effectively with a variety of legal office professionals and clients
- Understand and apply legal ethics as required by law
- Demonstrate in-depth understanding of the legal system and its various agencies
- Demonstrate solid interviewing and investigation skills
- Draft legal documents and memoranda pertinent to specific areas of law
- Demonstrate excellent writing, listening, and speaking skills
- Demonstrate knowledge in legal research and writing skills
- Demonstrate knowledge and understanding of a variety of computer programs
- Maintain confidentiality

Completion of a Technical Skill Assessment is required.

**BAS Requires the following:**

- Earned AAS Degree in same major as BAS
- Gen Ed Core 37 credits
- AAS program courses for a maximum of 50 credits (note: this can be less than 50 credits)
- 33 credits of approved upper-division coursework
- Total Credits Required for BAS is 120

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Arts</b>		
ART-100	INTRODUCTION TO ART	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES	
THEA-101	SURVEY OF THE THEATER	
<b>Language</b>		
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	

SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
<b>Scientific Ways of Knowing</b>		
Select one course from two disciplines; one lab		7.00-8.00
BIOF-100	INTRODUCTION TO BIOINFORMATICS	
BIOL-100	CONCEPTS OF BIOLOGY	
BIOL-120	PLANTS AND PEOPLE	
BIOL-123	BIOLOGY IN FILM	
BIOL-175	HUMAN BIOLOGY	
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	
CHEM-100	CONCEPTS OF CHEMISTRY	
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	
CHEM-111	PRINCIPLES OF CHEMISTRY I	
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE	
CS-108	INTRODUCTION TO COMPUTER SCIENCE	
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE	
GEOL-101	PHYSICAL GEOLOGY	
GEOL-120	INTRODUCTION TO EARTH SYSTEMS	
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS	
ID-240	INTEGRATED SCIENCE II	
NS-140	INTEGRATED SCIENCE I	
NS-150	INTRODUCTION TO NATURAL SCIENCES <sup>1</sup>	
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR	
PHYS-111 or PHYS-112	GENERAL PHYSICS I GENERAL PHYSICS II	
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS	
PHYS-205	DESCRIPTIVE ASTRONOMY	
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I	
<b>Social &amp; Behavioral Ways of Knowing</b>		
Select one course from two disciplines:		6.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	
POLS-101	AMERICAN NATIONAL GOVERNMENT	
POLS-237	INTERNATIONAL POLITICS	
POLS-285	COMPARATIVE GOVERNMENT	
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SOC-102	SOCIAL PROBLEMS	
SS-184	DIVERSITY IN ORGANIZATIONS	
SS-185	HUMAN RELATIONS IN ORGANIZATIONS	
<b>Diversity</b>		

Select one of the following: 3.00-4.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ANTH-360	RACE AND ETHNICITY
COMM-345	INTERCULTURAL COMMUNICATION
ENGL-258	INTERNATIONAL LITERATURE
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
ID-300C	ETHICS AND IDENTITY
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
POLS-285	COMPARATIVE GOVERNMENT
SOC-101	INTRODUCTION TO SOCIOLOGY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
SS-184	DIVERSITY IN ORGANIZATIONS

#### Integrative Seminar: Ethics & Values

Select one of the following: 3.00

ID 300A - 300Z (see course descriptions for options)
ID-301A HELLS CANYON INSTITUTE

**Total Credits** 37.00-43.00

## Program Requirements

Code	Title	Credits
<b>AAS Program Courses</b>		
Apply up to 50 credits from an earned AAS in Paralegal		50.00
<b>BAS Program Requirements</b>		
Select a minimum of 33 credits from the following:		33.00
LAWPT-321	REAL ESTATE LAW AND PROCEDURES	
LAWPT-324	ADVANCED CIVIL LITIGATION	
LAWPT-332	WILLS, TRUSTS, AND ESTATES	
LAWPT-341	BUSINESS ORGANIZATIONS	
LAWPT-342	FAMILY LAW	
LAWPT-345	TORT LAW	
LAWPT-367	INTERNSHIP IN LAW	
LAWPT-494A	INTERNSHIP IN LAW I	
Select 10 credits at the 300/400 level		

**Total Credits** 83.00

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
CORE	Mathematical Ways of Knowing	3.00
CORE	Oral Communication	3.00
CORE	Scientific Ways of Knowing	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
GNBPT-110	BUSINESS COMPUTER SKILLS	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
ENGL-102	WRITING AND RHETORIC II	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
LAWPT-219	LEGAL TERMINOLOGY	3.00
LAWPT-223	LEGAL SUPPORT FUNDAMENTALS AND ETHICS	3.00
<b>Credits</b>		<b>15.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Diversity	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Scientific Ways of Knowing	4.00
LAWPT-294A	INTERNSHIP IN LAW I	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>16.00</b>
<b>Spring</b>		
CORE	Integrative Seminar: Ethics & Values	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
GNBPT-185	BUSINESS COMMUNICATION	3.00
GNBPT-200	BUSINESS DOCUMENT PROCESSING	3.00
LAWPT-224	INTRODUCTION TO LAW	3.00
<b>Credits</b>		<b>15.00</b>
<b>Third Year</b>		
<b>Fall</b>		
ACCPT-101	BASIC ACCOUNTING I	3.00
GNBPT-222	BUSINESS EDITING	3.00
GNBPT-233	OFFICE PROCEDURES	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>12.00</b>
<b>Spring</b>		
LAWPT-230	LEGAL RESEARCH AND WRITING I	3.00
LAWPT-265	BUSINESS LAW I	3.00
LAWPT-274	LEGAL PROCEDURES	3.00
LAWPT-322	PARALEGAL PROCEDURES FOR CRIMINAL LAW	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Fourth Year</b>		
<b>Fall</b>		
LAWPT-323	CIVIL LITIGATION	3.00
LAWPT-331	LEGAL RESEARCH AND WRITING II	3.00
LAWPT-341	BUSINESS ORGANIZATIONS	2.00



LAWPT-345	TORT LAW	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>14.00</b>
<b>Spring</b>		
LAWPT-321	REAL ESTATE LAW AND PROCEDURES	3.00
LAWPT-324	ADVANCED CIVIL LITIGATION	3.00
LAWPT-332	WILLS, TRUSTS, AND ESTATES	3.00
LAWPT-342	FAMILY LAW	3.00
LAWPT-367	INTERNSHIP IN LAW	3.00
LAWPT-494A	INTERNSHIP IN LAW I	3.00
<b>Credits</b>		<b>18.00</b>
<b>Total Credits</b>		<b>120.00</b>

Graduates from Paralegal ([https://www.careeronestop.org/toolkit/careers/occupations/occupation-profile.aspx?keyword=Paralegals and Legal Assistants&onetcode=23201100&location=UNITED STATES](https://www.careeronestop.org/toolkit/careers/occupations/occupation-profile.aspx?keyword=Paralegals%20and%20Legal%20Assistants&onetcode=23201100&location=UNITED%20STATES)) programs go on to obtain careers in a variety of fields:

- Legal Assistant
- Law Clerk
- Litigation or Judicial Assistant
- Legal Practice Assistant
- Court Clerk
- Title/Abstract Examiner
- Legal Researcher
- Contract Specialist
- Claims Adjuster
- Court Assistance Program Specialist
- Limited Practice Officer

## Paralegal AAS

The Paralegal Associate's Degree educates and trains students to perform substantive and procedural legal work under the supervision of a lawyer. Paralegals are non-lawyers who assist attorneys in their professional duties.

Upon completion of this degree, students will:

- Be able to think critically
- Demonstrate organizational skills
- Work effectively with a variety of legal office professionals and clients
- Understand and apply legal ethics as required by law
- Demonstrate in-depth understanding of the legal system and its various agencies
- Demonstrate solid interviewing and investigation skills
- Draft legal documents and memoranda pertinent to specific areas of law
- Demonstrate excellent writing, listening, and speaking skills
- Demonstrate knowledge in legal research and writing skills
- Demonstrate knowledge and understanding of a variety of computer programs
- Maintain confidentiality

Completion of a Technical Skill Assessment is required.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	

COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	

**Mathematical Ways of Knowing**

Select one of the following: 3.00-5.00

MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	

**Social & Behavioral Ways of Knowing**

HRPT/SS-185 HUMAN RELATIONS IN ORGANIZATIONS 3.00

**Additional General Education Courses**

Select one of the following: 3.00-5.00

ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ANTH-360	RACE AND ETHNICITY	
ART-100	INTRODUCTION TO ART	
BIOF-100	INTRODUCTION TO BIOINFORMATICS	
BIOL-100	CONCEPTS OF BIOLOGY	
BIOL-120	PLANTS AND PEOPLE	
BIOL-123	BIOLOGY IN FILM	
BIOL-175	HUMAN BIOLOGY	
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	
CHEM-100	CONCEPTS OF CHEMISTRY	
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	
CHEM-111	PRINCIPLES OF CHEMISTRY I	
COMM-345	INTERCULTURAL COMMUNICATION	
CS/CITPT-108	INTRODUCTION TO COMPUTER SCIENCE	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
ENGL-102	WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE	
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
GEOL-101	PHYSICAL GEOLOGY	
GEOL-120	INTRODUCTION TO EARTH SYSTEMS	
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	

HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT/SS-184	DIVERSITY IN ORGANIZATIONS
ID-300A - ID-300Z (see course descriptions for options)	
ID-240	INTEGRATED SCIENCE II
ID-301A	HELLS CANYON INSTITUTE
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
MUS-101	SURVEY OF MUSIC
MUS-102	MUSIC IN AMERICA
MUS-150	WORLD MUSIC
MUS-151	HISTORY OF MUSICAL THEATER
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
NS-140	INTEGRATED SCIENCE I
NS-150	INTRODUCTION TO NATURAL SCIENCES
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR
PHYS-111	GENERAL PHYSICS I
or PHYS-112	GENERAL PHYSICS II
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS
PHYS-205	DESCRIPTIVE ASTRONOMY
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
THEA-101	SURVEY OF THE THEATER

**Total Credits****15.00-19.00**

## Program Requirements

Code	Title	Credits
GNBPT-101	BASIC ACCOUNTING	3.00
GNBPT-110	BUSINESS COMPUTER SKILLS	3.00
GNBPT-185	BUSINESS COMMUNICATION	3.00
GNBPT-222	BUSINESS EDITING	3.00
GNBPT-233	OFFICE PROCEDURES	3.00
LAWPT-219	LEGAL TERMINOLOGY	3.00
LAWPT-223	LEGAL SUPPORT FUNDAMENTALS AND ETHICS	3.00
LAWPT-224	INTRODUCTION TO LAW	3.00
LAWPT-230	LEGAL RESEARCH AND WRITING I	3.00
LAWPT-265	BUSINESS LAW I	3.00
or LAWPT-365	BUSINESS LAW II	
LAWPT-274	LEGAL PROCEDURES	3.00

LAWPT-294A	INTERNSHIP IN LAW I	3.00
LAWPT-322	PARALEGAL PROCEDURES FOR CRIMINAL LAW	3.00
LAWPT-323	CIVIL LITIGATION	3.00
LAWPT-331	LEGAL RESEARCH AND WRITING II	3.00

Completion of a Technical Skills Assessment is required

**Total Credits** **45.00**

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
CORE	Mathematical Ways of Knowing	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
GNBPT-110	BUSINESS COMPUTER SKILLS	3.00
LAWPT-219	LEGAL TERMINOLOGY	3.00
LAWPT-223	LEGAL SUPPORT FUNDAMENTALS AND ETHICS	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
GNBPT-101	BASIC ACCOUNTING	3.00
GNBPT-185	BUSINESS COMMUNICATION	3.00
GNBPT-233	OFFICE PROCEDURES	3.00
HRPT/SS-185 or SS-185	HUMAN RELATIONS IN ORGANIZATIONS or HUMAN RELATIONS IN ORGANIZATIONS	3.00
LAWPT-224	INTRODUCTION TO LAW	3.00
<b>Credits</b>		<b>15.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Additional General Education Course	3.00
CORE	Oral Communication	3.00
GNBPT-222	BUSINESS EDITING	3.00
LAWPT-230	LEGAL RESEARCH AND WRITING I	3.00
LAWPT-274	LEGAL PROCEDURES	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
LAWPT-265 or LAWPT-365	BUSINESS LAW I or BUSINESS LAW II	3.00
LAWPT-294A	INTERNSHIP IN LAW I	3.00
LAWPT-322	PARALEGAL PROCEDURES FOR CRIMINAL LAW	3.00
LAWPT-323	CIVIL LITIGATION	3.00
LAWPT-331	LEGAL RESEARCH AND WRITING II	3.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>60.00</b>

Graduates from Paralegal ([https://www.careeronestop.org/toolkit/careers/occupations/occupation-profile.aspx?keyword=Paralegals and Legal Assistants&onetcode=23201100&location=UNITED STATES](https://www.careeronestop.org/toolkit/careers/occupations/occupation-profile.aspx?keyword=Paralegals%20and%20Legal%20Assistants&onetcode=23201100&location=UNITED%20STATES)) programs go on to obtain careers in a variety of fields:

- Legal Assistant
- Law Clerk
- Litigation or Judicial Assistant
- Legal Practice Assistant
- Court Clerk
- Title/Abstract Examiner
- Legal Researcher

- Contract Specialist
- Claims Adjuster
- Court Assistance Program Specialist
- Limited Practice Officer

Check out the U.S. Bureau of Labor Statistics (<https://www.bls.gov/ooh/home.htm>) website for more information about the potential careers listed above.

## Paralegal ITC

Students pursuing a Paralegal Intermediate Technical Certificate will take specific law-related courses designed to provide advanced training for those individuals who are currently employed in a law-related office or who have previous law-related experience.

Prior to the issuance of this certificate, students must complete specified courses as well as meet at least one of the criteria listed below:

1. Have a paralegal certification or designation issued by a nationally recognized paralegal organization
2. Have five (5) years of recent continuous employment experience in a law-related office (see program advisor for a complete list of required courses).

Upon completion of this certificate, the student will:

- Be able to think critically
- Demonstrate organizational skills
- Work effectively with a variety of legal office professionals and clients
- Understand and apply legal ethics as required by law
- Demonstrate in-depth understanding of the legal system and its various agencies
- Demonstrate solid interviewing and investigation skills
- Draft legal documents and memoranda pertinent to specific areas of law
- Demonstrate excellent writing, listening, and speaking skills
- Demonstrate knowledge in legal research and writing skills
- Demonstrate knowledge and understanding of a variety of computer programs
- Maintain confidentiality

Completion of a Technical Skill Assessment is required.

## General Education Core

Code	Title	Credits
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	3.00
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	3.00
<b>Total Credits</b>		<b>6.00</b>

## Program Requirements

Code	Title	Credits
GNBPT-202	FINANCIAL BUSINESS APPLICATIONS	3.00
LAWPT-219	LEGAL TERMINOLOGY	3.00
LAWPT-223	LEGAL SUPPORT FUNDAMENTALS AND ETHICS	3.00
LAWPT-224	INTRODUCTION TO LAW	3.00
LAWPT-230	LEGAL RESEARCH AND WRITING I	3.00
LAWPT-321	REAL ESTATE LAW AND PROCEDURES	3.00
LAWPT-322	PARALEGAL PROCEDURES FOR CRIMINAL LAW	3.00
LAWPT-323	CIVIL LITIGATION	3.00

Completion of a Technical Skills Assessment is required

<b>Total Credits</b>		<b>24.00</b>
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NOTE: Advisor approval required prior to entering Certificate program. Student must have a combination of legal office experience and/or education as well as advisor approval.

## Pre-Law Minor

While there is no single major or pathway that will prepare a student for law school, there are important skills and bodies of knowledge that a student can acquire that will provide a strong foundation for a legal education and a successful career in law. The pre-law minor explores the study of law from an interdisciplinary perspective. Students take a core of required classes that will enhance their critical thinking and analytical abilities as well as provide a better understanding of the law. In addition, students will select elective courses, with the assistance of their advisor, that will further develop their analyzing and problem-solving skills, critical reading ability, communication skills including, written, oral, and listening abilities, research skills, and organization and management skills. The minor is designed for students who plan to attend law school, or for those who desire a career in a closely related legal profession.

### Program Requirements

Code	Title	Credits
BUS-365	BUSINESS LAW I	3.00
COMM-205	LOGIC AND ARGUMENTATION	3.00
COMM-320	PERSUASION	3.00
or COMM-330	PROFESSIONAL COMMUNICATION	
LAWPT-224	INTRODUCTION TO LAW	3.00
LAWPT-230	LEGAL RESEARCH AND WRITING I	3.00
POLS-101	AMERICAN NATIONAL GOVERNMENT	3.00
POLS-345	CONSTITUTIONAL LAW	3.00
<b>Program Electives</b>		
Select 6 credits from the following:		6.00
JS-225	CRIMINAL PROCEDURE	
JS-325	CRIMINAL LAW	
JS-492	SPECIAL TOPICS IN JUSTICE STUDIES	
LAWPT-323	CIVIL LITIGATION	
LAWPT-324	ADVANCED CIVIL LITIGATION	
LAWPT-331	LEGAL RESEARCH AND WRITING II	
LAWPT-345	TORT LAW	
POLS-200	SOCIAL AND POLITICAL PHILOSOPHY	
POLS-285	COMPARATIVE GOVERNMENT	
POLS-340	SOCIAL POLICY	
POLS-464	POLITICAL PSYCHOLOGY	
PSYC-320	SOCIAL PSYCHOLOGY	
<b>Total Credits</b>		<b>27.00</b>

## Pharmacy Technology ITC

The Pharmacy Technology program is not taking applications at this time.

### General Education Core

Code	Title	Credits
<b>Written Communication</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
<b>Oral Communication</b>		
COMM-202	INTERPERSONAL COMMUNICATION	3.00
<b>Total Credits</b>		<b>6.00</b>

### Program Requirements

Code	Title	Credits
AHLTH-105	INFECTION PREVENTION	2.00
AHLTH-110	OVER THE COUNTER/HERBAL MEDICATIONS	2.00
MEDPT-173	MEDICAL TERMINOLOGY	3.00
PHAR-110	PHARMACY LAW AND ETHICS	2.00

PHAR-150	INTRO TO PHARMACOLOGY	3.00
PHAR-152	ADVANCED PHARMACOLOGY	3.00
PHAR-161	EXTEMPORANEOUS COMPOUNDING & IV CERT	3.00
PHAR-171	APPLIED PHARMACY TECHNOLOGY I	3.00
PHAR-172	APPLIED PHARMACY TECHNOLOGY II	2.00
PHAR-175	PHARMACY TECHNICIAN CERT EXAM PRER	1.00
PHAR-182	PHARMACY TECH PRACTICUM & SEMINAR I	5.00
PHAR-187	PHARMACY TECH PRACTICUM & SEMINAR II	5.00

**Total Credits****34.00**

## Technical & Industrial Division

### Contact Information

**Chair:** Jennifer Weeks**E-mail:** [jweeks@lcsc.edu](mailto:jweeks@lcsc.edu)**Office:** MTB 101 & STC 216**Phone:** 208-792-2220**FAX:** 208-792-2816**Web:** <http://www.lcsc.edu/ti> (<http://www.lcsc.edu/ti/>)

Programs in the Technical & Industrial Division provide students with the technical knowledge, specialized skills, proper attitudes and safe work habits to enter the labor market. Programs are structured to accommodate the goals of students seeking entry-level employment, career advancement, or career change. Students work with the equipment and theoretical concepts used in their trade. The Division's programs monitor current industry needs to anticipate future changes and instructional requirements. Most faculty in the Division have achieved mastery level recognition in their trades and hold national certification.

Employers are requiring increased communication skills, personal and public relations skills, and computation skills. These competencies are taught in the General Education Core courses required for an AAS degree and delivered with relevancy to technical training.

### Program Admission Requirements

Each Technical and Industrial Division Program has individual program entrance requirements, please carefully review the program degree information for which you are seeking.

### Placement Test Scores

Program Name	Writing Placement Exam	ALEKS Math
Auto Mechanics Technology	2	14
CNC Machining Technology	2	30
Collision Repair Technology	2	14
Diesel Technology	2	14
Engineering Technology	2	30
Heating, Venting, Air Conditioning, and Refrigeration Technology	2	14
Industrial Electronics Technology	2	30
Industrial Maintenance Millwright	2	30
Information Systems	2	30
Welding Technology	2	30

### Prior Learning Assessment

Students who have a strong background of work experience or education may challenge courses with the permission of program advisors.

## Assessment

The Division emphasizes skills which are critical to functioning on the job, and instruction is based on specific competencies. Input from the Advisory Committees aids in ensuring that programs are current with the needs of business and industry. All programs in the Technical and Industrial Division undergo program reviews as required by LCSC. An annual follow-up assessment is performed to determine the employment of graduates.

## Advising

Advising of students is a high priority. Once the student is admitted into the program, he/she will be advised by faculty in that program for the duration of their course of study.

## Attendance Policy

Technical & Industrial Division standards for attendance reflect those policies adhered to in each program's related business and industry. Compliance with the attendance policy is the student's responsibility. The effect of attendance on the student's grade is determined by the faculty member teaching the course.

No distinction will be made between an "excused" and "unexcused" absence. It is the student's responsibility to arrange with the instructor for the completion of assigned classroom and laboratory work. Absences in a program are counted in hours and are inclusive of all time missed in the program. In the case of courses set up in eight-week rotations, absences by students will be cumulative between courses in the same semester.

The Division's policy includes three steps in the following sequence:

- **Step One: 12 hours absence**

When the student reaches 12 hours of absence, the Division sends a letter to the student to express concern about the student's ability to successfully complete the required coursework. A recommendation is made that the student schedule an appointment to meet with the advisor/faculty member to discuss the attendance.

- **Step Two: 20 hours absence**

When the student reaches 20 hours of absence, the Division sends a letter to the student requiring the student to schedule an appointment with the advisor/faculty member and the Division Chair to discuss the attendance problem. The purpose of the meeting is to discuss any extenuating circumstances relating to the absences and to inform the student of his/her responsibilities required to remain in the program. Additional terms may be developed which are required of the student due to excessive absences, and will be written in the division's absences-contract. A copy of the contract will be provided for signatures of the student, advisor/faculty member, and Division Chair. If the student refuses to sign the contract, indicating noncompliance, he/she will not be allowed to re-enroll in courses in the Technical and Industrial Division for at least one semester.

- **Step Three: 30 hours absence**

When the student reaches 30 hours of absence and/or fails to comply with arrangements made in step two, the Division sends a notice to the Registrar barring the student from registration in courses in the Technical and Industrial Division the following semester.

If the student meets the terms of the contract, is allowed to re-enroll and the attendance problem recurs, the advisor/faculty member may recommend that the student not be enrolled in a Technical and Industrial program for at least one semester. If the student wishes to appeal decisions reached through this procedure, he/she may

1. request a review by the Vice President of Student Affairs, and/or
2. request a review by the Student Hearing Board.

## Drug - Alcohol Policy

The Technical and Industrial Division abides by Lewis Clark State College's drug and alcohol policy. Please refer to the Student Code of Conduct (<http://www.lcsc.edu/student-counseling/substance-abuse-assistance/alcoholdrug-information/>) webpage.

## Clubs

Student clubs are active in Auto Mechanics Technology; CNC Manufacturing Technology; Collision Repair Technology; Diesel Technology; HVACR; and Information Technology play a major role in the students' learning experience.

### AMFTI-110 MACHINING THEORY I 2.00 Credits

This course is designed to impart technical knowledge and skills for the use of manufacturing equipment and procedures. The knowledge and skills mastered in this class are an introduction to design and production in the machining operation process to include lathe operations. Introduction to history, theory and uses of simple cutting tools, hand tools, hand held power tools, grinders, and machine tools with focus on lathes. Measuring and layout of parts using precision scales, squares, calipers and micrometers. Material knowledge of metals and synthetics to relate to the machining process. Machine cutting tools and their designed use including speeds and feeds. Knowledge of work holding as it relates to machine shop equipment which include jigs and fixturing and correct machining order.



**AMFTI-111 MACHINING THEORY 3.00 Credits**

Introduction to the machine shop environment to include but not limited to safety in work place and use of tools safely. Introduction to history, theory and uses of simple cutting tools, hand tools, hand held power tools, machine tools with focus on lathes, milling machines and grinders. Measuring and layout of parts using precision scales, squares, calipers and micrometers. Material knowledge of metals and synthetics to relate to the machining process. Machine cutting tools and their designed use including speeds and feeds. Knowledge of work holding as it relates to machine shop equipment which include jigs and fixturing and correct machining order.

**AMFTI-112 MACHINING THEORY II 2.00 Credits**

Machine Tool Theory II is designed to impart technical knowledge and skills for the use of manufacturing equipment and procedures. The knowledge and skills mastered in this class are an extension of Machining Theory I, to design and produce in the machining process to include milling operations. Uses of simple cutting tools, hand tools, hand held power tools, grinders, and machine tools with focus on milling. Measuring and layout of parts using precision scales, squares, calipers and micrometers. Material knowledge of metals and synthetics to relate to the machining process. Machine cutting tools and their designed use including speeds and feeds. Knowledge of work holding as it relates to machine shop equipment which include jigs and fixturing and correct machining order.

**AMFTI-121 INTRODUCTION TO CAD 3.00 Credits**

An introduction to the engineering graphic principles and the use of drafting tools to include; line work, lettering, applied geometry, dimensioning and orthographic projections. The student will, upon completion of this course, be able to create, using Computer Aided Drafting (CAD), 2-D construction, using advanced commands, sketching and orthographic views. Pre-requisite/Co-requisite: MTHPT-103/MTHPT-123.

**AMFTI-122 ENGINEERING GRAPHICS WITH AUTOCAD 4.00 Credits**

Applying engineering graphic principles using CAD for sectional views, auxiliary views, dimensions, tolerances, threads, fasteners, working drawings, gears, bearings, and cams. This course in CAD will emphasize visualization and spatial relations. The student will define and draft orthographic & isometric projections & other pictorial drawings; develop auxiliary views; determine points of intersections; draft developments and working drawings. Construction principles, input schemes, command structures and data management will be studied and combined into a design project at course conclusion. Pre-requisite: MTHPT-103 or appropriate math placement score.

**AMFTI-123 ENGINEERING GRAPHICS USING AUTOCAD 3.00 Credits**

Applying engineering graphic principles using CAD for sectional views, auxiliary views, dimensioning, tolerancing, geometric tolerances, threads and fasteners, working drawings, and gears, bearings and cams. This course in CAD will emphasize visualization and spatial relations. Construction principles, input schemes, command structures and data management will be studied and combined into a design project at course conclusion. Pre-requisite: MTHPT-103/MTHPT-123.

**AMFTI-124 APPLIED BLUEPRINT READING 2.00 Credits**

Interpreting Blueprints in an introduction to identifying blueprint information, needed to produce a machined part, through the interpretation of lines, symbols, and numbers as shown on two and three view orthographic drawings. During the discussion of tolerances, Geometric Dimensioning and Tolerancing will be introduced. Pre-requisite: MTHPT-103.

**AMFTI-125 ENGINEERING GRAPHICS APPLICATIONS 3.00 Credits**

An advanced course using engineering graphic principles with AutoCAD to include: fundamentals of 3D drawing, surface modeling, solid modeling, and descriptive geometry. Upon completion of this course, the student, using CAD will be able to create the fundamental concepts to produce 3D drawings and create 3D objects using surface modeling and solid modeling. The student will be able to apply precision dimensioning and development to working drawings and technical illustrations. Pre-requisite/Co-requisite: MTHPT-103/MTHPT-123.

**AMFTI-141 MACHINING LAB I 3.00 Credits**

This course provides practical hands-on application of manual machine processes: drilling, tapping, milling, grinding, turning, boring and the study of material machining methodology. The second section provides the students with the knowledge for lab operation of machining special attachments, bench work, layout, heat-treating, hardness testing, layout inspection, jig and fixture setup, and tool design. Pre-requisite: AMFTI-110.

**AMFTI-143 MACHINING LAB II 3.00 Credits**

This course provides the students with the knowledge for lab operation of machining, special attachments, bench work, layout, heat-treating, hardness testing, layout inspection, jig and fixture setup, tool design. The final section of this course is designed to provide the students with the development of machining plans for the efficient machining of moderately complex parts. Individualized laboratory practice will integrate the textbook, reference manuals and technical tools placing emphasis on the production of moderately complex products using production machines, setups, and fixtures. Pre-requisite: AMFTI-112.

**AMFTI-145 INTRODUCTION TO NC AND CNC 3.00 Credits**

This course will cover the introduction to numerical controls for x, y, and z-axis application, tool controls for hole and milling operations, blueprint reading for NC and CNC programming, and Geometric Dimensioning and Tolerancing for NC programming. Programming will include hole operation, linear profiles, circular profiles, cutter diameter compensation, and programming with subprograms. Pre-requisite: AMFTI-143.

**AMFTI-161 QUALITY CONTROL 1 METROLOGY 3.00 Credits**

This class explores methods of ensuring quality in manufacturing through application of codes and standards, sampling techniques, control charts and implementation of documented quality assurance programs. Pre-requisite: MTHPT-103 or higher.

**AMFTI-190 DS:AUTOMATED MANUFACTURING TECHNOLOGY 1.00-12.00 Credits**

This course offers the opportunity to learn advanced skills in an area mutually agreed upon and related to the manufacturing field by the student and instructor. The student and instructor will develop a set of objectives and time guidelines to complete a specialized project or course of study and a plan to achieve these objectives.

**AMFTI-232 GD&T APPLICATION & INTERPRETATION 3.00 Credits**

This is a study in Geometric Dimensioning and Tolerancing as related to design, manufacturing, and inspection. This study will adhere to ASME Y14.5-2018 standard. This course will explore and emphasize symbology, size tolerances, form controls, datums, datum references, orientation, positioning, runout and profile tolerancing, as well as practical and project based applications. These skills will be used in application on both 2D drawings and 3D cad models as well as manufacturing documentation. Pre-requisite: AMFTI-145.

**AMFTI-241 INTRODUCTORY CAD AND CAM 3.00-4.00 Credits**

This course will teach the elementary principles of Computer Aided Machining (CAM) and Computer Numerical Controlled (CNC) machining. The course introduces the manufacturing or engineering student to the world of turning a virtual object into an actual object, (going from Art to Part). Students taking the course for 4 credits will be required to complete a 2-D project and written report. Pre-requisite: AMFTI-145.

**AMFTI-243 ADVANCED CAD AND CAM 3.00-4.00 Credits**

A continuation in the study of G and M codes from AMFTI 241. The emphasis will be in transforming 3-D models (including wire frame, surface, and solid models) into 3-D tool path definitions. Students taking the course for 4 credits will be required to complete a 3-D project and written report. Pre-requisite: AMFTI-241.

**AMFTI-245 CNC MACHINING PROCESSES 3.00 Credits**

This course will cover techniques and fixed cycles for CNC lathe programming, modern computer-aided parts programming, elements of the computer-controlled factory, and verifying part programs. Pre-requisite: AMFTI-241.

**AMFTI-261 QUALITY CONTROL 3.00 Credits**

This class explores methods of ensuring quality in manufacturing through application of codes and standards, sampling techniques, control charts and implementation of documented quality assurance programs. Pre-requisite: MTHPT-103 or instructor's permission.

**AMFTI-263 PROJECT PLANNING 3.00 Credits**

Analysis and planning of manufacturing procedures in the development of a project plan, schedule and control of the project. This will include material and process for manufacturing utilizing ISO 9000 guidelines for documentation of the part(s) developed for the project. Pre-requisite/Co-requisite: AMFTI-261.

**AMFTI-265 MANUFACTURING PROJECT 6.00 Credits**

A project emphasizing the initiative of the student. Decisions by the student/manufacturing entity are made after evaluation of all factors related to the project. The role of the instructor is that of a consultant after each proposed project is approved. Pre-requisite/Co-requisite: AMFTI-261.

**AMFTI-290 DS:AUTOMATED MANUFACTURING TECHNOLOGY 1.00-10.00 Credits**

This course offers the opportunity to learn advanced skills in an area mutually agreed upon and related to the manufacturing field by the student and instructor. The student and instructor will develop a set of objectives and time guidelines to complete a specialized project or course of study and a plan to achieve these objectives.

**AMFTI-292 DIRECTED SPECIAL PROJECTS 1.00-10.00 Credits**

Opportunity to learn additional skills in specific area of study for the manufacturing technology program. Student and instructor develop a set of objectives and time guidelines to complete advanced skills in the course registered for and a plan to achieve these objectives. Pre-requisite: Instructor's permission.

**AMFTI-294 IN: AUTOMATED MANUFACTURING TECHNOLOGY 1.00-12.00 Credits**

Work experience in business related to student career goal. Student is under the supervision of the employer and program coordinator. Registration only with instructor's approval. Pre-requisite: Instructor's permission.

**AMFTI-390 DIRECTED STUDY IN AUTOMATED MANUFACTURING TECHNOLOGY 1.00-12.00 Credits****AMFTI-394 IN: AUTOMATED MANUFACTURING TECHNOLOGY 1.00-12.00 Credits**

Work experience in business related to the student career goal. Student will be working under the supervision of employer and program coordinator. Registration only with instructor's approval. Pre-requisite: Instructor's permission.

**AMFTI-490 DIRECTED STUDY IN AUTOMATED MANUFACTURING TECHNOLOGY 1.00-12.00 Credits****AMFTI-492 DIRECTED SPECIAL PROJECTS 1.00-10.00 Credits**

Opportunity to learn additional skills in specific area of study for the manufacturing technology program. Student and instructor develop a set of objectives and time guidelines to complete advanced skills in the course registered for and a plan to achieve these objectives. Pre-requisite: Instructor's permission.

**AMFTI-494 INTERNSHIP IN AUTOMATED MANUFACTURING TECHNOLOGY 1.00-12.00 Credits****AUTMC-190 DIRECTED STUDY IN AUTO MECHANICS TECHNOLOGY 1.00-6.00 Credits**

Individually prescribed instruction and self-study to meet specific training objectives. May be repeated. Credits earned may not directly apply to degree or certificate.

**AUTMC-200 HVAC AND ACCESSORIES 4.00 Credits**

Students will learn the basic laws of physics governing heating and air conditioning systems, how to safely handle and dispose of refrigerants, lubricants, solvents, and coolants used in automotive HVAC systems. Students will become versed in federal laws and practices and use of equipment in servicing HVAC systems, including information about differing refrigerants and refrigerant lubricants used in industry, how to properly identify, evacuate, charge air conditioning systems, diagnose system failures, perform repairs and services on heating and cooling systems as needed. Care and use of proper tool usage is stressed. Topics will include other electrical devices found in vehicles such as blowers and other power devices. Other projects may be assigned to fit individual needs including the study of climate control management systems and drive motors, heated/cooled seats, anti-theft system operation, cruise control, audio and visual systems, supplemental restraints, power and heated mirrors, heated glass, basic vehicle communication networks, body control modules and related circuitry, basic audio and visual systems as well as an overview of the latest technology.

**AUTMC-209 AUTOMATIC TRANSMISSION REPAIR/DIAGNOSIS 6.00 Credits**

In-depth study of theory, service, and repair of modern automatic transmission, and tools and instruments required. Automotive practices used in automatic transmission, and drive train diagnosis, repairs, and rebuilding.

**AUTMC-212 AUTOMOTIVE TUNE-UP AND DRIVABILITY 6.00 Credits**

Consists of theory of automotive tune-up. Students obtain in-depth knowledge of engines and related systems, control systems, and relationship to overall engine performance. Drivability diagnosing emphasized to develop orderly process of locating faults and analysis of various electronics systems. Live shop process where acquired skills from theory portion are practiced. Use of electronics testing tools and automobile manufacturers' service manuals emphasized to guide each job to a successful completion. Successful completion of all jobs verified by instructor.

**AUTMC-225 ADVANCED COMPUTERIZED FUEL SYSTEMS 6.00 Credits**

Provides technical information necessary to diagnose and maintain computerized fuel systems. Consists of half theory, lecture, and demonstrations, and half internship placement at local business to complete assigned competency list.

**AUTMC-227 AUTOMOTIVE PARTS COUNTER PERSON 1.00-6.00 Credits**

Obtain an understanding of parts management; store operation and personal duties; catalog use and the importance of the computer in the parts industry. Students will learn how to deal with customers one-on-one as well as the use of proper telephone etiquette, inventory control, and parts pricing. Students will be expected to process parts requisitions, control incoming inventory, and order parts using the computer and the telephone.

**AUTMC-290 DIRECTED STUDY IN AUTO MECHANICS TECHNOLOGY 1.00-6.00 Credits**

Directed Study in Auto Mechanics Technology.

**AUTMC-294A IN: AUTOMATIC TRANSMISSIONS REPAIR 1.00-6.00 Credits**

Advanced on-the-job training in automatic transmissions. Student is a paid employee under employer's immediate supervision. Program coordinator works with employer to establish and maintain educational goals.

**AUTMC-294B IN: AUTOMOTIVE MECHANICS 1.00-6.00 Credits**

Advanced on-the-job training with emphasis on automobile electronics. Program coordinator works with employer to establish and maintain training goals.

**AUTMC-294C IN: AUTOMOTIVE AIR CONDITIONING 1.00-6.00 Credits**

On-the-job training in automotive accessories and electrical circuits. Student is employee of local business and under their immediate supervision. Program coordinator works with employer to establish and maintain training goals.

**AUTMC-394 IN: AUTO REPAIR 12.00 Credits**

Individually prescribed instruction and self-study to meet specific training objectives. May be repeated.

**CRPTI-110 INTRODUCTION TO COLLISION REPAIR 6.00 Credits**

Provides a good understanding of the basic operations of a collision repair facility, and the development of safe work habits. The student will understand vehicle design and be familiar with the tools, equipment, and fasteners used in the repair of damaged vehicles.

**CRPTI-110A SAFETY & POLLUTION PREVENTION 2.00 Credits**

The orientation and application of tool safety, shop practices, and shop equipment theories. Industry needs and standards will be addressed. Students will gain knowledge of proper use of equipment, tools, and safety that meet or exceed industry standards. Pre-requisite: Must have a valid driver's license and permission from the instructor.

**CRPTI-110B MINOR COLLISION REPAIR THEORY/LAB 3.00 Credits**

Basic theory in metal finishing and minor body repair. This includes straightening and prepping sheet metals, the proper use of plastic body fillers, abrasives, sanding techniques and air tools. Remove and install necessary trim and hardware to facilitate repair procedures. Practical application of metal finishing and minor body repair. Pre-requisite: Must have a valid driver's license and permission from the instructor.

**CRPTI-110C BASIC COLLISION REPAIR LAB 1.00 Credit**

This course is designed to build a frame-work of basic knowledge to help the student fully understand more advanced units taught later in the program. It provides more lab time for the student to apply basic skills for prepping vehicles for repair. Successful completion of CRPTI-110A and CRPTI-110B are required to take this course.

**CRPTI-120 NON-STRUCTURAL REPAIRS I 6.00 Credits**

The student will be able to demonstrate basic metal straightening techniques, proper use of body fillers, correct procedures used to replace, align, and bolt-on body panels, and a knowledge of working with trim and hardware. The student will learn to perform these tasks at industry standard levels.

**CRPTI-140 NON-STRUCTURAL REPAIRS II 6.00 Credits**

The student will be able to demonstrate the basic steps used to replace welded and bonded body panels. The student will have a thorough understanding of working with movable glass and its hardware, and be able to create a repair estimate on damaged vehicles.

**CRPTI-150 STRUCTURAL REPAIRS I 6.00 Credits**

Analyze structural damage through proper measuring techniques. The student will be able to anchor vehicles to frame equipment and straighten or realign structural members and will perform all welding tasks that are used in collision repair, to industry standards.

**CRPTI-190 DIRECTED STUDY IN COLLISION REPAIR 1.00-6.00 Credits**

Individualized instruction and self-study to meet specific training objectives. Projects are provided to give specialized training for advanced students. Objectives are established with advisor at registration. Credits are earned based on difficulty and scheduled clock hours. A minimum of two hours per week is required for each credit. Final grades are based on effort, project results, and detailed written report of project.

**CRPTI-194 INTERNSHIP IN COLLISION REPAIR 1.00-6.00 Credits**

Individually prescribed instruction and self-study to meet specific training objectives. May be repeated.

**CRPTI-210 STRUCTURAL REPAIRS II 6.00 Credits**

Apply knowledge of replacing complete or partial structural members of damaged automobiles. The student will demonstrate how to restore factory corrosion protection, and how to replace and service stationary glass, and passenger restraint systems to industry standards. Pre-requisite: CRPTI-110 or CRPTI-110A and CRPTI-110B and valid driver's license.

**CRPTI-210A INTRO TO WELDING FOR COLLISION REPAIR THEORY/LAB 3.00 Credits**

After completing this unit of instruction, the student will be able to apply his/her knowledge of replacing complete or partial structural members using industry approved welding techniques. Prepare students to perform basic welding processes and techniques including the application of mild steel, wire feed welding, automotive sheet metals, basic oxyacetylene, MIG welding, plasma air arc cutting. Students will gain knowledge and proper use of equipment, tools, and safety that meet or exceed industry standards. Pre-requisite: CRPTI-110 or CRPTI-110A and CRPTI-110B and valid driver's license.

**CRPTI-210B STRUCTURAL INTEGRITY 3.00 Credits**

Apply knowledge of replacing complete or partial structural members of damaged automobiles. The student will demonstrate how to restore factory corrosion protection, and how to replace and service stationary glass, and passenger restraint systems to industry standards. Pre-requisite: CRPTI-210A and a valid driver's license.

**CRPTI-220 MECHANICAL REPAIRS 6.00 Credits**

Provides the basic knowledge to diagnose and replace or repair automotive mechanical systems including, steering and suspension, electrical systems, brake systems, air conditioning and cooling systems, drive trains, fuel, intake and exhaust systems, and passenger restraint systems.

**CRPTI-230 REFINISHING I 6.00 Credits**

Properly prepare a vehicle surface for undercoat and topcoat systems, apply knowledge in using and maintaining paint booths, spray guns and related refinishing equipment, and demonstrate proper spraying techniques.

**CRPTI-240 REFINISHING II 6.00 Credits**

After completion of this unit of study, the student will be able to properly prepare a vehicle surface for undercoat and topcoat systems, apply knowledge in using and maintaining paint booths, spray guns and related refinishing equipment, and will demonstrate proper spraying techniques. Pre-requisite: CRPTI-110 or CRPTI-110A/CRPTI-110B and valid driver's license.

**CRPTI-240A DETAILING AND POLISHING 2.00 Credits**

This course covers the practical application of detailing and polishing fundamentals including that of pre-wash, paint defect identification, exterior polishing, interior renovation, environmental hazards, proper use of detailing equipment and PPE. Gain knowledge of general safety and health practices, including the use of chemicals and detailing products. Pre-requisite: CRPTI-110 or CRPTI-110A and CRPTI-110B, valid driver's license, and permission from the instructor.

**CRPTI-240B COLOR MATCHING 4.00 Credits**

After completion of this unit of study, the student will be able to properly prepare a vehicle surface for undercoat and topcoat systems, apply knowledge in using and maintaining paint booths, spray guns and related refinishing equipment, and will demonstrate proper spraying techniques. Pre-requisite: CRPTI-240A valid driver's license, and permission from the instructor.

**CRPTI-290 DIRECTED STUDY IN COLLISION REPAIR 1.00-6.00 Credits****CRPTI-292 SPECIAL TOPICS IN COLLISION REPAIR 1.00-6.00 Credits****CRPTI-294 INTERNSHIP IN COLLISION REPAIR 1.00-6.00 Credits**

Individually prescribed instruction and self-study to meet specific training objectives. May be repeated.

**CRPTI-394 IN: COLLISION REPAIR 1.00-6.00 Credits**

Individually prescribed instruction and self-study to meet specific training objectives. May be repeated.

**DSLTC-101 INTRODUCTION TO DIESEL TECHNOLOGY 2.00 Credits**

Introduction of basic skills needed to perform many repair tasks in a diesel-related repair environment. The student will complete tasks, in a competency-based program, that entry-level technicians will perform in the workplace.

**DSLTC-102 ELECTRICAL SYSTEMS 6.00 Credits**

The student will be introduced to basic electrical theory and practice as it applies to the heavy equipment and transport technology industries. The student will complete tasks in a competency based program that emulate the skills performed in the workplace. Topics include basic electricity fundamentals, starting and charging systems, batteries, trouble shooting, and lighting systems.

**DSLTC-102A INTRODUCTION TO ELECTRICAL SYSTEMS 1.00 Credit**

The student will be introduced to basic electrical theory and practice as it applies to the heavy equipment and transport technology industries. The student will complete tasks in a competency based program that emulate the skills performed in the workplace. Topics include basic electricity theory and basic electrical system formulas.

**DSLTC-102B ELECTRICAL SYSTEMS I 3.00 Credits**

The student will be introduced to basic electrical theory and practice as it applies to the heavy equipment and transport technology industries. The student will complete tasks in a competency based program that emulate the skills performed in the workplace. Topics include basic electricity fundamentals, starting and charging systems, batteries, trouble shooting, and lighting systems. Pre-requisite: DSLTC-102A.

**DSLTC-102C ELECTRICAL SYSTEMS II 2.00 Credits**

Troubleshooting and repair procedures for heavy-duty electrical systems, including electrical principles as they relate to the components used in trucks and heavy equipment, writing schematics, and lighting along with the associated testing and repair procedures for each system. Topics include basic electricity fundamentals, starting, and charging systems, batteries, troubleshooting, and lighting systems. Pre-requisite: DSLTC-102B.

**DSLTC-103 POWER TRAINS LECTURE AND LAB 6.00 Credits**

Study of various types of manual transmissions and transaxles, drivelines, clutches, flywheels, rear axles, and differentials found in modern automobiles and light trucks. Operation and repair of various components of power trains and their interrelationships provided.

**DSLTC-105 DIESEL ENGINES 6.00 Credits**

Teaches the basics on how to identify, repair, and/or replace diesel engines. The student will learn two-stroke and four-stroke combustion engine theory as well as engine performance criteria. The student will learn proper disassembly, measuring, and reassembly procedures and will gain understanding in the operation and basic principles of the various engine components and their respective systems on a diesel engine.

**DSLTC-126 SAFETY 2.00 Credits**

General principles are needed to foster a safe attitude and work environment. Topics covered include hazardous materials, safe use of equipment and tools, an introduction to the occupation, and health and safety concerns in the work place. Students are required to take first aid and CPR training.

**DSLTC-190 DIRECTED STUDY IN DIESEL TECHNOLOGY 1.00-12.00 Credits****DSLTC-200 SHOP SKILLS AND CLIMATE CONTROL 6.00 Credits**

Basic shop skills including basic climate controls, welding and fabrication practices as applied to the heavy equipment and transport technology industries. The student will complete tasks in a competency based program that emulates the skills performed in the workplace. Topics include basic air conditioning fundamentals, stick, MIG and acetylene welding techniques along with acetylene/plasma torch cutting techniques. Students will acquire a Class B CDL through class study as well as a driving competency-based evaluation.

**DSLTC-210 HYDRAULICS 6.00 Credits**

Introduction to basic hydraulic principles and theory. The student will complete a task list in a competency-based program that emulates the skills performed in the workplace. Topics include hydraulic system maintenance, fluid analysis, system familiarization, and troubleshooting procedures will be outlined as it applies to modern diesel equipment.

**DSLTC-220 DIESEL ENGINE FUEL SYSTEMS AND TUNE-UP 6.00 Credits**

Introduction to diesel engine fuel system theory and practice as it applies to modern diesel equipment repair. The student will apply the principles introduced in the classroom in the format of laboratory sessions. The student will complete tasks in a competency-based program that emulates the skills performed in the workplace. Topics include diesel engine maintenance, direct and indirect fuel injection systems, testing, adjusting and troubleshooting diesel engine fuel systems.

**DSLTC-230 POWER TRAINS 6.00 Credits**

Provides instruction and practice on the interrelationship and the operation of various heavy-duty power train systems of agricultural, industrial, and on-highway vehicles. Topics include transmissions, clutches, differentials, final drives, drive lines, testing, adjusting and troubleshooting of power train systems.

**DSLTC-240 CHASSIS, SUSPENSION AND AIRBRAKES 6.00 Credits**

Introduces basic theory and practice of chassis, suspension, and airbrake systems of all types of diesel equipment, on-highway trucks, and agriculture equipment. Laboratory sessions will reinforce and apply the knowledge learned in the classroom.

**DSLTC-290 DIRECTED STUDY IN DIESEL TECHNOLOGY 1.00-6.00 Credits****DSLTC-292 DIRECTED SPECIAL PROJECTS 1.00-6.00 Credits****DSLTC-294 INTERNSHIP IN DIESEL TECHNOLOGY 1.00-6.00 Credits**

Advanced on-the-job training in diesel technology.

**DSLTC-390 DIRECTED STUDY IN DIESEL TECHNOLOGY 1.00-12.00 Credits**

Advanced on-the-job training in diesel technology.



**DSLTC-394 INTERNSHIP IN DIESEL TECHNOLOGY 1.00-6.00 Credits**

Advanced on-the-job training in diesel technology.

**DSLTC-490 DIRECTED STUDY IN DIESEL TECHNOLOGY 1.00-12.00 Credits**

Advanced on-the-job training in diesel technology.

**DSLTC-494 Internship in Diesel Technology 12.00 Credits**

Advanced on-the-job training in diesel technology.

**ENGTE-105 DRAFTING PRINCIPLES 9.00 Credits**

Includes line work, lettering, applied geometry, dimensioning, orthographic projection, and the use of drafting tools. Emphasis on various methods of drafting views of objects including auxiliary views, revolutions, intersections, developments, technical illustration, precision dimensioning, working drawings and reproductions of drawings. Traditional and CAD drafting tools used.

**ENGTE-106 DRAFTING FUNDAMENTALS 6.00 Credits**

Includes geometric construction, measuring and scaling techniques, conventional drafting practices, dimensions and annotations, hand sketching techniques, and the use of drafting tools. Emphasis on various methods of drafting views of objects including multi-view drawings using orthographic projection, section views, auxiliary views, pictorials, pattern development, working drawings and prints. Traditional drafting tools and computer-aided drafting software used. Co-requisite: ENGTE-154.

**ENGTE-107 ENGINEERING TECHNOLOGY DISCIPLINES 2.00 Credits**

Explores Engineering Technology careers, job opportunities and educational requirements for specific careers. Emphasis on disciplines related to mechanical, electrical, architectural, structural, geographic information systems, civil and surveying.

**ENGTE-125 3D CAD MODELING I 3.00 Credits**

This is a study in Basic 3D CAD modeling concepts and procedures to develop and design three dimensional parts, assemblies, and drawings from sketches and real parts. Emphasis will be on the creation and use of 3-D primitives, surface modeling, basic solids modeling, shading techniques, and the use of rendering and animation software. Exercises will include rendered output to ink jet type printers and plastic 3D Printers. Pre-requisite: ENGTE-106 and ENGTE-154.

**ENGTE-130 COMPUTER AIDED MACHINE DRAFTING 9.00 Credits**

Application of computer aided drafting skills using AutoCAD software on increasingly complex drawings. Emphasis is on drafting technician's position as a designer and detailer for support of engineered and manufactured products. Techniques of dimensioning and tolerancing detail drawings for manufacturing covered. Current manufacturing techniques and engineering product design processes also covered. Pre-requisite: ENGTE-105.

**ENGTE-131 MECHANICAL DRAFTING 4.00 Credits**

Application of computer aided drafting skills using AutoCAD software for the creation of detailed working drawings using dimensions, tolerancing, and other specifications for machine tool, fabrication and/or welding processes. Introduction to three-dimensional modeling using AutoCAD and assembly drawings with bill of materials. Pre-requisites: MTHPT-137, ENGTE-106, and ENGTE-154.

**ENGTE-135 APPLIED PHYSICS 4.00 Credits**

Combines lectures, classroom discussion and problem solving to teach fundamentals of physics. Topics include uniform linear and circular motion, uniform acceleration, projectiles, Newton's First, Second, and Third Laws of Motion, curvilinear motion, forces in rotation, elasticity, friction, work, momentum, rotational motion, mechanical properties of materials, vibrations and waves, sound and fluid mechanics, energy, and properties of materials. Pre-requisite: MTHPT-137.

**ENGTE-154 INTRODUCTION TO COMPUTER DRAFTING 4.00 Credits**

Teaches basic computer skills using various CAD software. Learning centers around these components and how they send and receive information. Basic understanding of computer hardware, software, and disk operating systems. Uses basic drafting skills learned from traditional drafting courses to create simple dimensioned drawings.

**ENGTE-171 INTRODUCTION TO GEOSPATIAL TECHNOLOGIES 2.00 Credits**

Introduction to geospatial technologies and underlying science. Develops concepts for understanding geographic information systems, global positioning systems, coordinate systems, satellite and unmanned aerial systems imagery, cartography, and ways to communicate results.

**ENGTE-190 DIRECTED STUDY IN ENGINEERING TECHNOLOGY 1.00-10.00 Credits**

Opportunity to learn advanced skills in areas agreed upon by student and instructor. Objectives developed to complete a specialized project or course of study and a plan to achieve these objectives.

**ENGTE-194 INTERNSHIP IN ENGINEERING TECHNOLOGY 12.00 Credits**

Work experience in business related to the student's career goal. Student is a paid, part-time employee working under supervision of employer and program coordinator. Registration only with the approval of program coordinator.

**ENGTE-201 CIVIL DRAFTING 3.00 Credits**

Combines lectures, assignments and lab work to give the student a basic understanding of civil technology including civil drafting and design and mapping procedures. The student will develop skills in the use of AutoCAD and Civil 3D for civil design and drafting applications. Covers basics of mapping including contours, symbols, topography, curve geometry, and curve data. Practical problems given in cross-sections and profiles, cuts and fills, grades, earthwork, horizontal alignment layout and site plans. Pre-requisites ENGTE-105 or ENGTE-106, ENGTE-154, and MTHPT-137.

**ENGTE-202 INTRODUCTION TO SURVEY 3.00 Credits**

This course provides students with a basic understanding of survey fundamentals. Students develop skills in the use and maintenance of survey equipment, surveying techniques, historical mapping practices, determinations for precision and accuracy as well as methods for error adjustments. Students use surveying equipment for measuring horizontal and vertical distances, angles, and develop mathematics skills specific to surveying. Pre-requisite: MTHPT-137 or MATH-147 or MATH-170 with a grade of 'C' or better; ENGTE-154 with a grade of 'C' or better. Co-requisite: ENGTE-201.

**ENGTE-203 UNMANNED AERIAL SYSTEMS AND IMAGERY FUNDAMENTALS 3.00 Credits**

Introduction to unmanned aerial systems including unmanned aerial vehicle operation, limitations, best practices, maintenance and care, applicable regulations, aerial imagery fundamentals including settings, best practices, and photography basics.

**ENGTE-204 CIVIL TECHNOLOGY 9.00 Credits**

Combines lectures, assignments and lab work to give the student a basic understanding of civil technology including civil drafting, basic surveying, and mapping procedures. The student will develop skills in the use of AutoCAD Civil 3D for civil design and drafting applications as well as the use and maintenance of survey equipment. Covers basics of mapping including contours, symbols, topography, curve geometry, and curve data. Methods of calculating angles, bearings, distances, areas, quantities, and slope. Practical problems given in cross-sections and profiles, cuts and fills, grades, earthwork, and horizontal alignment layout and simple curve layout. Concepts of survey, leveling procedures, traverse closures and areas, triangulation, construction surveys, and computations by various methods. Mastery of correct methods of note-taking and electronic data collection. Pre-requisites: ENGTE-105, ENGTE-154, and MTHPT-137.

**ENGTE-205 ADVANCED CIVIL DRAFTING AND DESIGN 4.00 Credits**

The student will be prepared to perform basic civil design functions, such as surface and contour creation, grading and drainage plans, alignment layout, plan and profiles, detail drawings and survey data management. Upon completion of this course, the student will prepare a complete set of civil engineering drawings. Pre-requisite: ENGTE-201, MTHPT-137 or equivalent.

**ENGTE-206 RESIDENTIAL ARCHITECTURAL DRAFTING 4.00 Credits**

This course is designed to introduce the student to the concepts, practices, standards, and drafting techniques needed for architectural design. The student will learn fundamental architectural drafting methods and organization. Coursework covers foundation plans, floor plans, elevations, stair details, floor and roof framing plans, interior elevations, and window and door schedules developed. Includes residential architectural drawings. Pre-requisites: ENGTE-106 and ENGTE-154.

**ENGTE-207 STRUCTURAL DRAFTING 4.00 Credits**

The student will learn entry-level drafting and job skills in the four basic types of structural drafting. Coursework is organized to cover and prepare students for drafting experience in structural steel, poured-in-place concrete, precast and wood. Includes engineering drawings, and shop drawings. Pre-requisites: ENGTE-105 or ENGTE-106 and ENGTE-154.

**ENGTE-208 ARCHITECTURAL AND STRUCTURAL DRAFTING 9.00 Credits**

Fundamental architectural drafting methods taught. Site plans, foundation plans, floor plans, elevations, construction details, lighting and wiring, stair details, floor and roof framing plans, interior elevations drafted, and window and door schedules developed. Prepares students to draft structural steel, precast and poured-in-place concrete, and structural wood projects. Includes engineering drawings and shop drawings. Pre-requisite: ENGTE-154 or instructor's permission.

**ENGTE-209 ADVANCED SURVEYING 4.00 Credits**

This course is the second of a two-part introductory sequence in plane surveying, including the measurement of distances, elevations, angles and directions. Principles and field use of modern surveying instruments are covered in lecture and practiced in lab. Course covers fundamental surveying concepts and application practice using GPS and total stations, closure, error and accuracy computations, property, construction, and topographic surveys, highway curves and volume computations. Pre-requisite: ENGTE-202 or ENGTE-204 with grade of 'C' or better.

**ENGTE-211 UNMANNED AERIAL SYSTEM SURVEYING 2.00 Credits**

Survey applications with unmanned aerial systems specific to surveying including unmanned aerial vehicle operations, care and maintenance, licensing requirements, fundamental operations, flight requirements, photogrammetry, image processing using GIS, and CAD mapping. Pre-requisite MATH-137 or equivalent, ENGTE-154, ENGTE-171 all with a 'C' or higher.

**ENGTE-221 GLOBAL POSITIONING CONCEPTS AND APPLICATIONS 3.00 Credits**

Course covers GPS concepts including GPS signals, biases and solutions, framework, receivers, geodetic datums, coordinate systems and heights, and real-time GPS for land surveys. Pre-requisite: MATH-137 or MATH-170 with a grade of 'C' or better.

**ENGTE-225 3-D CAD MODELING II 4.00 Credits**

This is a study in intermediate 3D CAD modeling concepts and procedures to expand on solids, surfaces, multibodies, configurations, drawings, sheet metal and assemblies. Pre-requisite: ENGTE-125 or instructor's permission.

**ENGTE-227 CAD/CAM 3.00 Credits**

Students will be trained in the use of SolidWorks integrated cam software. This will integrate parametric feature based machining into projects students will carry over to other areas of study. SolidWorks will be used to design projects based on solving "real world" problems. These projects may originate with the student, or from local area businesses that require assistance implementing solutions to their production problems. Prerequisite ENGTE-225.

**ENGTE-231 GD&T APPLICATION & INTERPRETATION 3.00 Credits**

This is a study in Geometric Dimensioning and Tolerancing as related to design, manufacturing, and inspection. This study will adhere to ASME Y14.5-2018 standard. This course will explore and emphasize symbology, size tolerances, form controls, datums, datum references, orientation, positioning, runout and profile tolerancing, as well as practical and project based applications. These skills will be used in application on both 2D drawings and 3D cad models as well as manufacturing documentation.

**ENGTE-237 APPLIED PHYSICS II 3.00 Credits**

Covers basic engineering principles necessary for a draftsman to communicate on a technical level with designers. Covers temperature and heat, thermal properties of materials, fundamentals of thermodynamics, electrostatics, capacitance and dielectrics, current resistance, power, basic DC circuits, magnetism, electromagnetic induction, basic AC circuits, electrons and solid state physics, light and illumination, mirrors and lenses, and vision and optical instruments. Pre-requisite: ENGTE-135 or GENTC-133.

**ENGTE-241 INTRODUCTION TO MACHINING 3.00 Credits**

Intro to the designing, programming, editing, setup, and operation of CNC lathes and milling machines. Students will produce parts from 2-D CAD files. Topics studied will include: G and M control codes, importing and exporting CAD files, using CAM software to manipulate geometry, using CAM software to produce various toolpaths such as engraving, contouring, and pocketing paths, island avoidance, proper setup and sequence of operations while machining, and setting tool radius and height offsets. Pre-requisite: ENGTE-154.

**ENGTE-243 ADVANCED MACHINING 3.00 Credits**

This course provides the engineering students with the knowledge for lab operation of machining, special attachments, bench work, layout, heat-treating, hardness testing, layout inspection, jig and fixture setup, tool design. This course is designed to provide the students with the development of manufacturing plans for the efficient manufacturing of moderately complex products. Individualized laboratory practice will integrate the textbook, reference manuals and technical tools placing emphasis on the production of moderately complex products using production machines, setups, and fixtures. A continuation in the study of G and M codes from ENGTE 241. The emphasis will be in transforming 3-D models (including wire frame, surface, and solid models) into 3-D tool path definitions. Pre-requisite: ENGTE-241.

**ENGTE-246 CONSTRUCTION AND MANUFACTURING TECHNOLOGY 2.00 Credits**

This course is designed to develop a basic understanding of manufacturing and construction aspects including history, types, materials and materials production, management, quality, and safety.

**ENGTE-261 3-D ASSEMBLIES & AUTOMATION 3.00 Credits**

This is a study in advanced Solidworks tools and techniques. Will include preparation for the Certified Solidworks Professional Exam. Emphasis will be on the comprehensive coverage and integration of parts, surfaces, simulationXpress, sheet metal, top-down assemblies, core and cavity molds, and their application in a design and manufacturing environment. A portfolio of large assemblies with exploded drawings and manufacturing documentation will prepare students to excel in the mechanical drafting and design environment. Pre-requisite: ENGTE-225.

**ENGTE-272 ADVANCED GIS AND APPLICATIONS 3.00 Credits**

This course is designed to develop advanced GIS skills (spatial, suitability, surface, and point pattern analysis), web mapping, data collection, app development, and advanced cartography. Pre-requisite: GIS-271 with a grade of 'C' or better.

**ENGTE-273 REMOTE SENSING AND APPLICATIONS 3.00 Credits**

Course covers remote sensing physics, geodesy, photogrammetry, logistics for accessing imagery, preparing and rendering imagery, understanding variation and change through image analysis. Types of remotely sensed data include multispectral, digital elevation models, thermal, and Lidar. Pre-requisite GIS-271 with a 'C' or better.

**ENGTE-290 DIRECTED STUDY IN ENGINEERING TECHNOLOGY 1.00-10.00 Credits**

Opportunity to learn advanced skills in areas agreed upon by student and instructor. Objectives developed to complete a specialized project or course of study and a plan to achieve these objectives.

**ENGTE-292 SPECIAL TOPICS IN ENGINEERING TECHNOLOGY 1.00-10.00 Credits**

Offers opportunity to learn advanced skills for students who are progressing at faster than normal pace.

**ENGTE-294 INTERNSHIP IN ENGINEERING TECHNOLOGY 1.00-10.00 Credits**

Work experience in business related to the student's career goal. Student is a paid, part-time employee working under supervision of employer and program coordinator. Registration only with the approval of program coordinator.

**ENGTE-305 ADVANCED SURVEYING DRAFTING & DESIGN 5.00 Credits**

Consists of lecture and lab work pertaining to typical highway, bridge, storm drainage, sewer, and land development design. Lab work performed by CAD, field trips made to observe on-going projects. Pre-requisite: ENGTE-204.

**ENGTE-306 STRENGTH/MATERIAL/MECH 4.00 Credits****ENGTE-310 SURVEYING LAW AND BOUNDARY DESCRIPTIONS 3.00 Credits**

This course was designed to give the student a basic understanding of the different types of boundary descriptions in common use and the correct way to prepare a boundary description. They will acquire basic knowledge in many of the problems they will encounter in description. The student will gain a basic knowledge in Survey Law and how to apply it to their job. Pre-requisites: ENGTE-204, ENGTE-205, and ENGTE-209.



**ENGTE-312 PUBLIC LAND SURVEYING 3.00 Credits**

This course was designed to give the student a basic understanding of the different types of surveys done in the United States. They will cover metes and bounds surveys done by the English, French, and Spanish along with the current Public Land Survey Systems (PLSS); be able to explain each type of survey and understand where to look for information on the different types of surveys. Pre-reqs: ENGTE-204, ENGTE-205, and ENGTE-209.

**ENGTE-313 SURVEYING AND SOFTWARE APPLICATIONS 3.00 Credits**

This course was designed to give the student a basic understanding of different survey programs and how to use each one. The student will use these programs to develop surveying projects and preparing final drawings. Pre-requisites: ENGTE-204, ENGTE-205, and ENGTE-209.

**ENGTE-314 SURVEYING RESEARCH AND EVIDENCE 3.00 Credits**

This course was designed to give the student a basic understanding of survey research and evidence. Student will become familiar with places to research, where to start, what to collect, how to evaluate what is found, and how to evaluate evidence. Pre-requisites: ENGTE-204, ENGTE-205, and ENGTE-209.

**ENGTE-315 SURVEY ADJUSTMENTS 3.00 Credits**

Studies matrix inverse; solution of linear equation by matrices, theory, and computation of least squares adjustments, coordinate transformation, error ellipses, and statistical testing. Pre-requisite: AAS degree.

**ENGTE-317 SUBDIVISION PLANNING & PLATTING 3.00 Credits**

This course deals with land use planning; governmental regulations and permits as applied to subdivisions; subdivision planning, computations and preparation of subdivision plats. Pre-requisites: AAS degree.

**ENGTE-390 DIRECTED STUDY IN ENGINEERING TECHNOLOGY 1.00-5.00 Credits**

Opportunity to learn advanced skills in areas agreed upon by student and instructor. Objectives developed to complete a specialized project or course of study and a plan to achieve these objectives.

**ENGTE-394 INTERNSHIP IN ENGINEERING 1.00-12.00 Credits**

Work experience in business related to the student's career goal. Student is a paid, part-time employee working under supervision of employer and program coordinator. Registration only with the approval of program coordinator.

**ENGTE-409 ADVANCED SURVEYING 5.00 Credits**

Expands on topics taught in the basic survey course. Consists of lectures, lab and field trips. Topics presented on plane surveying, topographics, public land, construction staking, geodetic, hydrographic and land development. Discussion presented on geographics information and global position systems. Pre-requisite: ENGTE-204.

**ENGTE-410 PROJECT MANAGEMENT 4.00 Credits**

Lecture and field trips to construction projects. Estimating, contracts, contract administration, construction materials, and equipment management and productions covered.

**ENGTE-411 GEODESY 3.00 Credits**

The objective of this course is to give the student an introduction to the principles of geodesy, particularly geometric geodesy, astronomic geodesy, and principles of map projections. Pre-requisites: ENGTE-204, ENGTE-205, and ENGTE-209.

**ENGTE-415 SURVEY OFFICE PRACTICE 3.00 Credits**

The student will have a basic understanding of how the business operates and many of the considerations that a business manager must deal with. They will get an appreciation of the problems encountered by the managers and will be able to understand their problems and help make work a better place. Pre-requisites: ENGTE-204, ENGTE-205, and ENGTE-209.

**ENGTE-490 DIRECTED STUDY IN ENGINEERING TECHNOLOGY 1.00-12.00 Credits**

Opportunity to learn advanced skills in area agreed upon by student and instructor. Objectives developed to complete a specialized project or course of study and a plan to achieve these objectives.

**ENGTE-492 SPECIAL TOPICS IN ENGINEERING TECHNOLOGY 1.00-5.00 Credits****ENGTE-494 IN:ENGINEERING TECHNOLOGY 1.00-12.00 Credits**

Work experience in business related to the student's career goal. Student is a paid, part-time employee working under supervision of employer and program coordinator. Registration only with the approval of program coordinator.

**GENMC-100 BASIC AUTOMOTIVE SYSTEMS 2.00 Credits**

Provides an overview of automotive system operations, maintenance, and basic repair procedures. Subjects discussed include time management, proper use of tools, use of sealants and lubricants, belts and hoses, starting and charging systems, braking and suspension systems, engine theory, transmissions, and comprehensive vehicle inspections.

**GENMC-102 ELECTRICAL 6.00 Credits**

Instruction covers basics of components and the technical aspects of repair and overhauling instrumentation, ignition, charging, and starting systems. Demonstration and hands-on experience to diagnose and repair automotive electrical systems and wiring diagrams will be covered in a laboratory environment. Components will be tested and repaired to manufacturers' specifications. Quality, cleanliness, and work attitude are stressed.

**GENMC-102A BASIC ELECTRICAL 3.00 Credits**

Basic electrical theory, wiring diagrams, test equipment, diagnosis, repair, replacement of electrical components, including battery, starting, charging, and lighting systems. Upon successful completion, the student should be able to properly use wiring diagrams and test equipment to diagnose, test, and repair wiring and lighting in accordance with Automotive Service Excellence (ASE) standards.

**GENMC-102B ADVANCED ELECTRICAL 3.00 Credits**

Instruction covers basics of components and the technical aspects of repair and overhauling instrumentation, ignition, charging, and starting systems. Demonstration and hands-on experience to diagnose and repair automotive electrical systems and wiring diagrams will be covered in a laboratory environment. Components will be tested and repaired to manufacturers' specifications. Quality, cleanliness, and work attitude are stressed. This is the applied portion of this course. Pre-requisite: GENMC-102A.

**GENMC-103 POWER TRAINS LECTURE AND LAB 6.00 Credits**

Study of various types of manual transmissions and transaxles, drivelines, clutches, flywheels, rear axles, and differentials found in modern automobiles and light trucks. Operation and repair of various components of power trains and their interrelationships provided.

**GENMC-105 ENGINES LECTURE AND LAB 6.00 Credits**

Study of principles and practical application in the repair and overhaul of the engine block, cylinder heads and valve train including camshaft, timing gears and chains, identification and replacement of defective parts, and operation of related machine tools. Technical materials are related to components used in engine blocks, cylinder heads, valve trains or similar mechanized applications.

**GENMC-105A BASIC ENGINES 3.00 Credits**

Theory, construction, inspection, diagnosis, and repair of internal combustion engines and related systems. Topics include fundamental operating principles of engines and diagnosis, inspection, adjustment, and repair of automotive engines using appropriate service information. Upon successful completion, student should be able to perform basic diagnosis, measurement and repair of automotive engines using appropriate tools, equipment, procedures and service information in accordance with Automotive Service Excellence (ASE) standards.

**GENMC-105B ADVANCED ENGINES 3.00 Credits**

Study of principles and practical application in the repair and overhaul of the engine block, cylinder heads and valve train including camshaft, timing gears and chains, identification and replacement of defective parts, and operation of related machine tools. Technical materials are related to components used in engine blocks, cylinder heads, valve trains or similar mechanized applications. This is the applied portion of the course. Pre-requisite: GENMC-105A.

**GENMC-115 CHASSIS, SUSPENSION, AND BRAKES LEC/LAB 6.00 Credits**

Chassis, suspension alignment and repair, theory and service of power and manual steering gears, wheel and tire diagnosis and balance, and all types of brakes and controls found in the modern automobile and light truck. Shop experience in suspension and steering adjustment, repair and alignment, power steering service, tire and wheel balancing, brakes and controls, and the care and use of related tools, instruments and equipment. Other shop projects may be assigned to fit individual needs.

**GENMC-126 SAFETY 2.00 Credits**

General principles are needed to foster a safe attitude and work environment. Topics covered include hazardous materials, safe use of equipment and tools, an introduction to the occupation, and health and safety concerns in the work place. Students are required to take first aid and CPR training.

**GENMC-190 DIRECTED STUDY IN GENERAL MECHANICS 1.00-12.00 Credits**

Individual instruction and self-study established to meet specific training objectives. May be repeated. Credits earned may not be directly applicable to degree or certificate.

**GENMC-194A INTERNSHIP IN ENGINE 1.00-6.00 Credits**

Advanced on-the-job training in engines. Program coordinator works with the employer to establish and maintain training goals.

**GENMC-194B INTERNSHIP IN POWER TRAINS 1.00-6.00 Credits**

Continuation of GENMC 194A. Advanced on-the-job training in power trains. Coordinator works with the employer to establish and maintain training goals.

**GENMC-194C INTERNSHIP IN CHASSIS SYSTEMS AND BRAKES 1.00-6.00 Credits**

Continuation of GENMC 194B. Advanced on-the-job training in auto mechanics in chassis/suspension and brakes. Coordinator works with the employer to establish and maintain training goals.

**HVAC-100 HVAC THEORY IA 3.00 Credits**

This class provide apprentices an introduction to the basics of HVAC. Subject matter includes basic math; basic safety; hand tools; power tools; fuel gas piping and venting; Idaho code/administrative rules; International Mechanical Code; energy sources; basic systems; HVAC/R applied science; and customer service. See attached curriculum outline for specific details and objectives.

**HVAC-101 HVAC THEORY IB 3.00 Credits**

This class (continued from semester one) provide apprentices an introduction to the basics of HVAC. Pre-requisite: HVAC 100.

**HVAC-102 HVAC THEORY IIA 3.00 Credits**

Year two subject matter includes appliance installation; blueprints/specifications; basic electricity; indoor air quality; and residential load calculation.

**HVAC-103 HVAC THEORY IIB 3.00 Credits**

This class is a continuation from HVAC-102 Theory IIA. Pre-requisite: HVAC-102.

**HVAC-104 HVAC YEAR I 10.00 Credits**

This practicum consists of 2000 hours of on the job training with an HVAC journeyman. Students take the knowledge learned in the didactic content, and apply it through actual field experience(s).

**HVAC-105 HVAC YEAR II 10.00 Credits**

This practicum consists of 2000 hours of on the job training with an HVAC journeyman. Students take the knowledge learned in the didactic content from Years 1 - 2, and apply it through actual field experience(s).

**HVAC-200 HVAC THEORY IIIA 3.00 Credits**

Year three subject matter includes basic controls; system air flow and duct sizing; basic air conditioning and refrigeration; introduction to Hydronics; basic sheet metal; and introduction to service.

**HVAC-201 HVAC THEORY IIIB 3.00 Credits**

This class is a continuation from HVAC-200 Theory IIIA. Pre-requisite: HVAC-200.

**HVAC-202 HVAC THEORY IVA 3.00 Credits**

Year four subject matter includes introduction to testing and balancing; introduction to HVAC control strategies; advanced air conditioning and heat pump systems; advanced service; system integration and design; International Fuel Gas Code; International Mechanical Code; National Electrical Code; and project management. See attached curriculum outline for specific details and objectives.

**HVAC-203 HVAC THEORY IVB 3.00 Credits**

This class is a continuation from HVAC 202 Theory IVA. pre-requisite: HVAC-202.

**HVAC-204 HVAC YEAR III 10.00 Credits**

This practicum consists of 2000 hours of on the job training with an HVAC journeyman. Students take the knowledge learned in the didactic content from Years 1 - 3, and apply it through actual field experience(s).

**HVAC-205 HVAC YEAR IV 10.00 Credits**

This practicum consists of 2000 hours of on the job training with an HVAC journeyman. Students take the knowledge learned in the didactic content from Years 1 - 4, and apply it through actual field experience(s).

**HVACR-115 BASIC ELECTRICITY 5.00 Credits**

The student will learn basic electricity principles including how to measure voltage, current, resistance, and wattage. Troubleshooting various types of motors (single-phase and three phase) along with capacitance and inductance measures will be taught. Further, the course will explain how various controls are used in HVAC-R and other maintenance fields as well as their applications. Shaft alignment and various motor mounting is taught. Cross-listed with IMMTI-115.

**HVACR-120 HVAC PRINCIPLES 5.00 Credits**

Teaches the proper handling procedures of refrigerants, brazing techniques, the evacuation and charging processes, the proper usage of tools specific to this trade, installation requirements, heat transfer, and familiarizes the student with a typical refrigeration cycle. Plastic, copper, and steel tubing as well as piping usage are taught. Students learn how to work with others on team building exercises.

**HVACR-130 TRADE SKILLS 5.00 Credits**

Introduces skills needed in construction/manufacturing/industrial trades. Subjects include blueprint reading, construction documents, hand tools, fasteners/anchors, construction equipment, safety, resume building, teamwork, leadership, and trade accounting. Cross-listed with IMMTI-130.

**HVACR-140 MECHANICAL SYSTEMS MAINTENANCE 5.00 Credits**

Emphasis on skills needed for millwrights and maintenance personal including proper bearing installation, lubrication methods, alignment of motor and other equipment installation needs, pneumatic and hydraulic systems, and seal installation will be included. Pumps and compressor maintenance and control devices are taught. Proper rigging procedures for lifting heavy and awkward equipment will be emphasized. Cross-listed with IMMTI-140.

**HVACR-225 REFRIGERATION THEORY 5.00 Credits**

Study of the operation and service of commercial refrigeration systems to include evaporators, condensers, compressors, and metering devices. Defrost systems and commercial ice making are also covered. Electrical control systems, pressure control systems, and other devices specific to refrigeration systems will be taught. The course will also prepare students to take the ESCO Refrigerant Certification for handling all refrigerants as required by the EPA.

**HVACR-230 ADVANCED HVACR CONTROLS 5.00 Credits**

Understanding a sequence of operations and enhancing skills to troubleshoot electrical circuits. Introduction to programmable logic controllers (PLC's) and building automation systems as used in the HVACR industry, along with pneumatic system and integration strategies.

**HVACR-235 A/C SYSTEM DESIGN AND INSTALLATION 6.00 Credits**

Service and operation of air conditioning systems to include evaporators, condensers, compressors, and metering devices. Air distribution and comfort/psychometrics will be taught. All-weather systems will be worked on including heat pumps. Defrost systems will also be taught. Requirements to prepare students for the low voltage certification as required by Washington State will also be covered.

**HVACR-240 DUCT FABRICATION 2.00 Credits**

Duct design, selection and fabrication of materials to create duct systems for proper air delivery. Students will learn to size systems for various installation needs.

**HVACR-250 GAS CODE REVIEW 2.00 Credits**

The study and understanding of properly installing and sizing venting systems as well as pipe sizing for correct combustion for gas heating appliances. This 60-hour course uses the International Fuel Gas Code to prepare students for the Idaho HVAC Journeyman License. This course relates subject matter taught in HVACR-255 Heating Systems.

**HVACR-255 HEATING SYSTEMS 6.00 Credits**

Learn basic operation and service of heating systems to include electric, gas, oil, hydronic, solar, and heat pump systems. Study of the controls used in these systems and troubleshooting techniques will be taught as well as venting and piping requirements as used on these products.

**HVACR-260 MECHANICAL AND ELECTRICAL CODE REVIEW 2.00 Credits**

Capstone course preparing students for the Idaho HVAC Journeyman License. The study of the International Mechanical Code to familiarize the student with subject matter taught in HVACR-120 HVACR Principles. In addition, the National Electrical Code (NEC) along with revisiting HVACR-115 Basic Electricity, will be used to prepare students for the Washington 06a Low-Voltage certification.

**HVACR-265 HYDRONIC SYSTEMS 2.00 Credits**

Provides basic knowledge of water heating systems to include gas, and electric hot water heaters as well as gas and oil hydronic heating systems. The student will learn basic operation and service of water heating systems, study controls used in these systems, trouble-shooting techniques, and determine venting/piping requirements as used on these products. Chillers are also discussed as well as the pumps used for circulation.

**HVACR-290 DS:HEAT/VENT/AC/REF TECH 1.00-8.00 Credits**

Directed Study in Heating, Venting, Air Conditioning and Refrigeration.

**HVACR-294 INTERNSHIP 2.00-8.00 Credits**

This is a capstone course. The student will relate on the job experience to the material covered in Trade Skills. This will include communication skills, research skills, critical thinking, team building, and leadership. This will be a blended course in which the student will need to access, participate and complete tasks through an online forum. Cross-listed with IMMTI-294.

**HVACR-390 DS:HEAT/VENT/AC/REF TECH 12.00 Credits**

Directed Study in Heating, Venting, Air Conditioning and Refrigeration.

**HVACR-394 IN:HEAT/VENT/AC/REF TECH 1.00-12.00 Credits**

This is a capstone course. The student will relate on the job experience to the material covered in HVACR-130: Trade Skills. This will include communication skills, research skills, critical thinking, team building, and leadership. This will be a blended course in which the student will need to access, participate and complete tasks through an online forum. Cross-listed with IMMTI-294.

**IETTI-101 DC CIRCUIT THEORY 4.00 Credits**

This course teaches the theory of DC and basic digital logic circuits with an emphasis on physical conservation laws as unifying principles, including series-parallel network analysis, network theorems, electromagnetism, discrete semiconductor devices and switching circuits, basic digital electronics through combinational logic, and basic programmable logic controllers (PLCs). Students will also learn how to write SPICE netlists to simulate simple circuits. Mastery-style written exams guarantee attainment of conceptual learning outcomes, while oral presentations and Socratic dialogue demonstrate communicative learning outcomes. Pre-requisite/Co-requisite: MTHPT-137 or higher.

**IETTI-102 DC CIRCUIT PROJECTS 4.00 Credits**

This course reinforces the content of IETTI-101 (DC Circuit Theory) through multiple student-designed projects, each project's scope and functional criteria defined by the instructor with input from the student. This course also prepares the student for entry into the profession through resume and cover letter writing as well as job research. All students must present their job research findings at the Technical Advisory Committee (TAC) meeting held with industry advisors. Pre-requisite/Co-requisite: MTHPT-137 or higher.

**IETTI-103 DC CIRCUIT EXPERIMENTS 4.00 Credits**

This course reinforces the content of IETTI-101 (DC Circuit Theory) through student-designed experiments. All experiments employ scientific method: proposing falsifiable hypotheses, devising procedures, gathering data, analyzing results, and developing documentation. Students also apply foundational circuit principles to the diagnosis of simulated and real faults in these same types of circuits. Mastery standards applied to all experimental and diagnostic activities guarantee attainment of learning outcomes. Pre-requisite/Co-requisite: MTHPT-137 or higher.

**IETTI-104 AC CIRCUIT THEORY 4.00 Credits**

This course teaches the theory of AC and state-based digital logic circuits with an emphasis on physical conservation laws and other foundational concepts as unifying principles, including AC measurements, series-parallel reactive networks, transformers, harmonics, polyphase AC power systems, power conversion circuits, latch-based digital logic circuits, and programmable logic controller (PLC) counting and timing functions. Mastery-style written exams guarantee attainment of conceptual learning outcomes, while oral presentations and Socratic dialogue demonstrate communicative learning outcomes. Pre-requisite: MTHPT-137 or higher.

**IETTI-105 AC CIRCUIT PROJECTS 4.00 Credits**

This course reinforces the content of IETTI-104 (AC Circuit Theory) through multiple student-designed projects, each project's scope and functional criteria defined by the instructor with input from the student. This course also prepares the student for entry into the profession through resume and cover letter writing as well as job research. All students must present their job research findings at the Technical Advisory Committee (TAC) meeting held with industry advisors. Additionally, students take a comprehensive exam covering all theory course topics to date. Pre-requisite: MTHPT-137 or higher.

**IETTI-108 INTRODUCTION TO PLC'S 4.00 Credits**

Today's electronic technicians must be familiar with programmable logic controllers (PLC's) as they are widely used in the industry. The course begins with an introduction to programmable logic controller hardware, memory, I/O modules, numbering systems, and programming devices. The learner will then gain experience working with PLC wiring diagrams, PCL setup configuration, and ladder logic programming. Pre-requisite: IETTI-101 or IMMTI-115, and MTHPT-103 or instructor permission. Cross-listed with IMMTI-108.

**IETTI-110 BASIC DC CIRCUIT LAB 2.00 Credits**

Students will construct, analyze, predict and measure DC circuits while selecting and using appropriate test equipment. Project reports require design concepts, theoretical application, and demonstration of principles and practices learned in math, field practice and laboratory. Students will learn to adhere to safe work practices and demonstrate the proper techniques of soldering and de-soldering circuit components. Students will be required to demonstrate competency with working in groups and demonstrating appropriate interpersonal relationships. Pre-requisite: IETTI-101.

**IETTI-112 AC CIRCUIT EXPERIMENTS 4.00 Credits**

This course reinforces the content of IETTI-104 (AC Circuit Theory) through student-designed experiments. All experiments employ scientific method: proposing falsifiable hypotheses, devising procedures, gathering data, analyzing results, and developing documentation. Students also apply foundational circuit principles to the diagnosis of simulated and real faults in these same types of circuits. Mastery standards applied to all experimental and diagnostic activities guarantee attainment of learning outcomes. Pre-requisite: MTHPT-137 or higher.

**IETTI-190 DIRECTED STUDY IN INDUSTRIAL ELECTRONICS TECHNOLOGY 1.00-12.00 Credits**

Required study in area agreed upon by the student and the instructor. Might include specialized devices, new products, or advanced troubleshooting.

**IETTI-201 INTRO TO INSTRUMENTATION 4.00 Credits**

Industrial electronics technicians work with equipment that sense and control pressure, temperature, flow and level. These technicians must also calibrate and service these systems. This course also covers OP-AMPS, analog-digital conversion circuits, and PID controllers.

**IETTI-204 PROGRAMMING HUMAN MACHINE INTERFACES (HMI) 4.00 Credits**

This course will introduce the student to software and hardware that allows machine operators to interface with PLC control systems.

**IETTI-205 ELECTRIC MOTORS, DRIVES AND CONTROLS 4.00 Credits**

This course will introduce the student to DC and AC motors, electrical diagrams, motor starters, motor control circuits, three phase power, ac and dc motor drives, and motor maintenance. Cross-listed with IMMTI-205.

**IETTI-207 PROGRAM AND TROUBLESHOOT PLC'S 4.00 Credits**

Today's electronic technician must be familiar with programmable logic controllers (PLC's) as they are widely used in industry. This course continues the ladder logic programming started in IETTI 108. The learner will also be exposed to the types of PLC communications and troubleshooting with a PLC.

**IETTI-208 PLC'S SYSTEMS APPLICATIONS 4.00 Credits**

Today's electronic technician must be familiar with programmable logic controllers (PLC's) as they are widely used in industry. This course will give the learner additional training in programming and networking PLCs. It will also introduce him/her to motion control and operator interface devices and provide him/her with more hands-on experience. Pre-Requisite: IETTI-101, IETTI-104, and IETTI-108.

**IETTI-211 ADVANCED INSTRUMENTATION 4.00 Credits**

This course will continue to present the theories, applications and procedures for process control and instrumentation introduced in IETTI-201. Instrument technicians calibrate and service equipment that sense and control pressure, temperature, flow, and level for process control systems. Pre-requisite: IETTI-101 with a grade of C or better and permission from the instructor.

**IETTI-220 INTERMEDIATE ELECTRONICS PROJECTS 4.00 Credits**

This course reinforces the content of IETTI-222 (Intermediate Electronics Theory) through multiple student-designed projects, each project's scope and functional criteria defined by the instructor with input from the student. In cases where the project is built for an external client, feedback from the client helps determine the project grade. This course also prepares the student for entry into the profession through resume and cover letter writing as well as job research. All students must present their job research findings at the Technical Advisory Committee (TAC) meeting held with industry advisors. Additionally, students take a comprehensive exam covering all theory course topics to date. Pre-requisite: MTHPT-137 or higher.

**IETTI-221 INTERMEDIATE ELECTRONICS EXPERIMENTS 4.00 Credits**

This course reinforces the content of IETTI-222 (Intermediate Electronics Theory) by way of experimental system design and construction, starting with only a block diagram and a general description of the system's intended function. Students then engineer all details of the system, building and testing it in stages. Students also apply foundational circuit principles to the diagnosis of simulated and real faults in these same types of circuits. Mastery standards applied to all experimental and diagnostic activities guarantee attainment of learning outcomes. Pre-requisite: MTHPT-137 or higher.

**IETTI-222 INTERMEDIATE ELECTRONICS THEORY 4.00 Credits**

This course reviews DC and AC circuit theory while introducing principles of C-language computer programming, then builds on that foundation to explore analog amplifier circuits (both discrete-transistor and operational amplifier), principles of RF and radio systems, operational amplifier circuits, AC motor controls, and protective relaying. Mastery-style written exams guarantee attainment of conceptual learning outcomes, while oral presentations and Socratic dialogue demonstrate communicative learning outcomes. Pre-requisite: MTHPT-137 or higher.

**IETTI-223 ADVANCED ELECTRONICS THEORY 4.00 Credits**

This course introduces microprocessor systems -- including computer programming in both assembly language and C -- and also explores serial data communication, advanced RF topics (e.g. modulation, mixers, Smith charts, VNAs), industrial signal conditioning, and industrial control systems. Mastery-style written exams guarantee attainment of conceptual learning outcomes, while oral presentations and Socratic dialogue demonstrate communicative learning outcomes. Pre-requisite: MTHPT-137 or higher.



**IETTI-224 ADVANCED ELECTRONICS III 4.00 Credits**

This course is an introduction to the transient response analysis of RLC circuits. First, the computation of the transient response through classical differential equation techniques is covered. Next, Laplace transform techniques are studied, unifying both the transient and frequency response techniques. Then, Fourier analysis techniques are introduced to familiarize the students with the fundamentals of signal analysis. Finally, the State Variable technique is used to compute the transient response of RLC networks. Throughout the course, the lectures are supported by experimental work that make use of the hardware and computer-aided facilities available in the program. Prerequisite: MATH-170 and instructor approval.

**IETTI-225 ADVANCED ELECTRONICS EXPERIMENTS 4.00 Credits**

This course reinforces the content of IETTI-223 (Advanced Electronics Theory) by way of experimental system design and construction, starting with only a block diagram and a general description of the system's intended function. Students then engineer all details of the system, building and testing it in stages. Students also apply foundational circuit principles to the diagnosis of simulated and real faults in these same types of circuits. Mastery standards applied to all experimental and diagnostic activities guarantee attainment of learning outcomes. Pre-requisite: MTHPT-137 or higher.

**IETTI-226 ELECTRONICS CIRCUIT TROUBLESHOOTING 3.00 Credits**

Electronics Engineering Technicians work with analog and digital electronic systems. In this course, students will learn what to do when these systems don't work. Students will be introduced to basic troubleshooting techniques including test equipment, component identification, fault isolation, and documentation. The learner will be required to demonstrate mastery of all the course objectives.

**IETTI-236 ADVANCED ELECTRONICS PROJECTS 4.00 Credits**

This course reinforces the content of IETTI-223 (Advanced Electronics Theory) through multiple student-designed projects, each project's scope and functional criteria defined by the instructor with input from the student. In cases where the project is built for an external client, feedback from the client helps determine the project grade. This course also prepares the student for entry into the profession through resume and cover letter writing as well as job research. All students must present their job research findings at the Technical Advisory Committee (TAC) meeting held with industry advisors. Additionally, students take a comprehensive exam covering all theory course topics to date. Pre-requisite: MTHPT-137 or higher.

**IETTI-290 DIRECTED STUDY IN INDUSTRIAL ELECTRONICS TECHNOLOGY 1.00-10.00 Credits**

Required study in area agreed upon by the student and the instructor. Might include specialized devices, new products, or advanced troubleshooting.

**IETTI-292 DIRECTED SPECIAL PROJECTS 3.00 Credits****IETTI-294 INTERNSHIP IN INDUSTRIAL ELECTRONICS 1.00-12.00 Credits**

Work experience in business related to student's career goals. Student is a paid part-time employee working under the supervision of the employer and program coordinator.

**IETTI-390 DIRECTED STUDY IN INDUSTRIAL ELECTRONICS TECHNOLOGY 12.00 Credits**

Required study in area agreed upon by the student and the instructor. Might include specialized devices, new products, or advanced troubleshooting.

**IETTI-394 INTERNSHIP IN INDUSTRIAL ELECTRONICS 12.00 Credits**

Work experience in business related to student's career goals. Student is a paid part-time employee working under the supervision of the employer and program coordinator.

**IMMTI-108 INTRODUCTION TO PLC'S 4.00 Credits**

Today's electronic technicians must be familiar with programmable logic controllers (PLC's) as they are widely used in the industry. The course begins with an introduction to programmable logic controller hardware, memory, I/O modules, numbering systems, and programming devices. The learner will then gain experience working with PLC wiring diagrams, PCL setup configuration, and ladder logic programming. Pre-requisite: IETTI-101 or IMMTI-115, and MTHPT-103 or instructor permission. Cross-listed with IETTI-108.

**IMMTI-115 BASIC ELECTRICITY 5.00 Credits**

The student will learn basic electricity principles including how to measure voltage, current, resistance, and wattage. Troubleshooting various types of motors (single-phase and three phase) along with capacitance and inductance measures will be taught. Further, the course will explain how various controls are used in HVAC-R and other maintenance fields as well as their applications. Shaft alignment and various motor mounting is taught. Cross-listed with HVACR-115.

**IMMTI-130 TRADE SKILLS 5.00 Credits**

Introduces skills needed in construction/manufacturing/industrial trades. Subjects include blueprint reading, construction documents, hand tools, fasteners/anchors, construction equipment, safety, resume building, teamwork, leadership, and trade accounting. Cross-listed with HVACR-130.

**IMMTI-140 MECHANICAL SYSTEMS MAINTENANCE 5.00 Credits**

Emphasis on skills needed for millwrights and maintenance personal including proper bearing installation, lubrication methods, alignment of motor and other equipment installation needs, pneumatic and hydraulic systems, and seal installation will be included. Pumps and compressor maintenance and control devices are taught. Proper rigging procedures for lifting heavy and awkward equipment will be emphasized. Cross-listed with HVACR-140.

**IMMTI-150 WELDING POWER SOURCES 2.00 Credits**

Introduces various basic power sources used in welding industry. Students learn construction of power sources, how to obtain optimum performance from a power source, and how to troubleshoot a power source. Cross-listed with WLDTTC-150.

**IMMTI-155 BASIC WELDING PROCESSES LAB 7.00 Credits**

To develop employable skills for combination welder (DOT 812.844). This involves welding with the SMAW and GMAW process in all positions, single and multi-pass. Includes gas welding, brazing and flame cutting. Cross-listed with WLDTTC-155.

**IMMTI-165 ADVANCED WELDING PROCESSES 7.00 Credits**

To further develop employable skills for arc welder (DOT810.884) and combination line welder (DOT 812.844). This involves welding with the SMAW process in all positions, single and multi-pass, using DC equipment and covered electrodes. Covers welding with the GTAW process on thin gauge mild steel, stainless steel, and aluminum in all positions using both direct and alternating current. Pre-requisite: IMMTI-155. Cross-listed with WLDTTC-165.

**IMMTI-194 IN:INDUSTRIAL MAINTENANCE/MILLWRIGHT 2.00-8.00 Credits**

This is a capstone course. The student will relate on the job experience to the material covered in HVACR 130: Trade Skills. This will include communication skills, research skills, critical thinking, team building, and leadership. This will be a blended course in which the student will need to access, participate and complete tasks through an online forum.

**IMMTI-205 ELECTRIC MOTORS, DRIVES AND CONTROLS 4.00 Credits**

This course will introduce the student to DC and AC motors, electrical diagrams, motor starters, motor control circuits, three phase power, ac and dc motor drives, and motor maintenance. Cross-listed with IETTI-205.

**IMMTI-251 BLUEPRINT READING 2.00 Credits**

To give the student a basic working knowledge of blue print reading as it applies in today's welding/millwright industries. This includes welding symbols, nondestructive testing symbols, and methods of dimensioning drawings. Pre-requisite: MTHPT-137. Cross-listed with WLDTTC-251.

**IMMTI-261 BENCHWORK FOR WELDERS 2.00 Credits**

Familiarizes student with basic hand and machine tools, measuring devices, and shop and tool safety. Cross-listed with WLDTTC-261.

**IMMTI-262 DISTORTION CONTROL 2.00 Credits**

Trains students in the correct method of distortion control in welded fabrications. Gives basic guidance to assist student in overcoming and understanding some difficulties inherent when working metals where heat input is involved. Cross-listed with WLDTTC-262.

**IMMTI-270 DIRECTED WELDING PROJECTS 1.00-8.00 Credits**

This course is designed for students who desire to specialize in one field of the welding industry. The student will learn how to safely operate and optimize the performance of various welding machines and how to operate welding shop equipment. They will also acquire additional knowledge of welding theory concerning specific processes or applications, and welding skills appropriate to the area of interest. Cross-listed with WLDTTC-270.

**IMMTI-294 INTERNSHIP 2.00-8.00 Credits**

This is a capstone course. The student will relate on the job experience to the material covered in Trade Skills. This will include communication skills, research skills, critical thinking, team building, and leadership. This will be a blended course in which the student will need to access, participate and complete tasks through an online forum. Cross-listed with HVACR-294.

**IMMTI-394 IN:INDUSTRIAL MAINTENANCE/MILLWRIGHT 1.00-12.00 Credits**

This is a capstone course. The student will relate on the job experience to the material covered in IMMTI-130: Trade Skills. This will include communication skills, research skills, critical thinking, team building, and leadership. This will be a blended course in which the student will need to access, participate and complete tasks through an online forum. Cross-listed with HVACR-294.

**WLDTTC-115 BASIC WELDING PROCEDURES 7.00 Credits**

This class designed to introduce the beginning student to the welding industry with emphasis on safe working procedures and basic skills development. Students will receive instruction in SMAW (Shielded Metal Arc Welding, commonly called "stick welding"), as well as MIG (Metal Inert Gas, commonly called "wire-feed" welding). Students will also receive instruction in Oxygen/ Acetylene cutting of ferrous metals.

**WLDTTC-116 ADVANCED WELDING PROCEDURES 7.00 Credits**

This class provides instruction and exercises to build students' skills in MIG welding. Students will receive instruction in MIG welding (Metal Inert Gas, commonly called "wire-feed welding") in all positions.

**WLDTTC-120 INTRODUCTION TO WELDING 1.00-3.00 Credits**

This course helps the student develop confidence and skills in the fundamentals of basic welding concepts. This involves welding with the SMAW and GMAW processes, gas welding, brazing, and flame cutting.

**WLDTTC-150 WELDING POWER SOURCES 2.00 Credits**

Introduces various basic power sources used in welding industry. Students learn construction of power sources, how to obtain optimum performance from a power source, and how to troubleshoot a power source. Cross-listed with IMMTI-150.

**WLDTTC-151 WELDING CODES FOR CERTIFICATIONS 1.00-2.00 Credits**

Teaches working knowledge of various welding codes and welder certifications in common use in industry today. Students work from the AWS D1.1 to write a welding procedure qualification record, a prequalified welding procedure, a welding procedure specification, and a welder qualification record form. This will also assist student to take the Associate Certified Welding Inspector Exam.

**WLDTTC-152 QUALITY CONTROL FOR WELDING INSPECTION 1.00-2.00 Credits**

Introduces students to quality control and inspection techniques common in industry. Quality assurance and quality control are covered from employer and employee points of view. Weld inspection is approached through destructive and non-destructive methods as prescribed in AWS D1.1, Unit 6.

**WLDTTC-153 BASIC ACETYLENE WELDING LAB 4.00 Credits**

Shop practice in basic oxygen acetylene welding.

**WLDTC-155 BASIC WELDING PROCESSES LAB 7.00 Credits**

To develop employable skills for combination welder (DOT 812.844). This involves welding with the SMAW and GMAW process in all positions, single and multi-pass. Includes gas welding, brazing and flame cutting. Cross-listed with IMMTI-155.

**WLDTC-155A SMAW PRACTICAL 4.00 Credits**

SMA welding to include fillet and groove welds in all positions to the AWS standards. Successfully completing this course may lead to certification.

**WLDTC-155B BASIC OXYACETYLENE AND GMAW 3.00 Credits**

To develop employable skills for combination welder (DOT 812.844). Lab practice in basic oxyacetylene welding and cutting and basic gas metal arc welding. Application of SMAW learned in WLDTC-155A SMAW Practical. Pre-requisite: WLDTC-155A.

**WLDTC-156 BASIC SMAW LAB 4.00-8.00 Credits**

Weld with the SMAW process in all positions on mild steel using AC and DC equipment.

**WLDTC-157 BASIC GMAW LAB 4.00-8.00 Credits**

Weld with the GMAW and FCAW processes in all positions, single and multi pass.

**WLDTC-158 ADVANCED SMAW LAB 4.00-8.00 Credits**

Weld with the SMAW process in all positions using DC welding equipment. Obtain certifiable skills on a plate of unlimited thickness.

**WLDTC-159 BASIC GTAW LAB 4.00-8.00 Credits**

Weld with the GTAW process on thin gauge mild steel, stainless steel, and aluminum using both DC and AC equipment.

**WLDTC-160 MATHEMATICS I 1.00-2.00 Credits**

Working knowledge of basic mathematics as applied in the welding industry.

**WLDTC-161 WELDING PROCESSES AND APPLICATIONS 1.00-2.00 Credits**

Explores various welding and cutting processes commonly used in industry and provides students with a basic understanding of the principles involved.

**WLDTC-162 METALLURGY 1.00-2.00 Credits**

Introduces basic metallurgy and gives working knowledge of problems that occur as a result of heating and cooling metal when using the various welding processes.

**WLDTC-165 ADVANCED WELDING PROCESSES 7.00 Credits**

To further develop employable skills for arc welder (DOT810.884) and combination line welder (DOT 812.844). This involves welding with the SMAW process in all positions, single and multi-pass, using DC equipment and covered electrodes. Covers welding with the GTAW process on thin gauge mild steel, stainless steel, and aluminum in all positions using both direct and alternating current. Pre-requisite: IMMTI-155. Cross-listed with IMMTI-165.

**WLDTC-190 DS:WELDING TECHNOLOGY 1.00-8.00 Credits**

Individual instruction and self-study established to meet specific training objectives. May be repeated. Credits earned may not be directly applicable to degree or certificate.

**WLDTC-192 SPECIAL TOPICS IN WELDING TECHNOLOGY 1.00-12.00 Credits****WLDTC-250 DRAFTING AND PIPEFITTING 1.00-2.00 Credits**

Basic fundamentals of drafting as used in welding trade. Pipefitting section enables students to do basic layout of pipe, figure offsets, runs, and travel distances, and give practical experience in fitting and welding branches or laterals, and blanking off pipe.

**WLDTC-251 BLUEPRINT READING 2.00 Credits**

To give the student a basic working knowledge of blue print reading as it applies in today's welding/millwright industries. This includes welding symbols, nondestructive testing symbols, and methods of dimensioning drawings. Pre-requisite: MTHPT-137. Cross-listed with IMMTI-251.

**WLDTC-252 HEAT TREATMENT 1.00-2.00 Credits**

Acquaints students with various industrial heat treatment processes and their applications in industry. Teaches in-depth, the properties and strengths of metals in fabrication and technology.

**WLDTC-254 PIPE WELDING:SMAW LAB 1.00-7.00 Credits**

Develops skills for the welder portion of Pipe Fitter. Involves welding with the SMAW process on mild steel, multi-pass, using E6010 and E7018 electrodes. Welds are performed in the 2G, 5G, and 6G positions. Covers both uphill and downhill techniques.

**WLDTC-256 SMAW UPHILL PIPE LAB 4.00-8.00 Credits**

Weld pipe in all positions using SMAW process and uphill technique to conform to ASME Section IX.

**WLDTC-257 SMAW DOWNHILL PIPE LAB 4.00-8.00 Credits**

Weld pipe in all positions using SMAW process and downhill technique to conform to API standard 1104.

**WLDTC-258 BASIC ALUMINUM WELDING LAB 4.00-8.00 Credits**

Weld aluminum using GTAW and GMAW processes in all positions.

**WLDTC-260 MATHEMATICS II 1.00-2.00 Credits**

Gives students thorough working knowledge of basic algebra and geometry as applied in industry. Reviews and re-applies basic trigonometry as learned in previous semester course Drafting/Pipefitting.



**WLDT-261 BENCHMARK FOR WELDERS 2.00 Credits**

Familiarizes student with basic hand and machine tools, measuring devices, and shop and tool safety. Cross-listed with IMMTI-261.

**WLDT-262 DISTORTION CONTROL 2.00 Credits**

Trains students in the correct method of distortion control in welded fabrications. Gives basic guidance to assist student in overcoming and understanding some difficulties inherent when working metals where heat input is involved. Cross-listed with IMMTI-262.

**WLDT-263 PIPE WELDING GMAW LAB 4.00 Credits**

Develops skills for the welder portion of Pipe Fitter I. Involves welding with the GMAW process on mild steel, multi-pass, using small diameter wire and short circuit transfer in the 2G, 5G, and 6G positions. Covers both uphill and downhill techniques.

**WLDT-264 PIPE WELDING GTAW LAB 1.00-7.00 Credits**

Develops employable skills in the gas tungsten arc welding portion of Pipe Fitter I. Involves welding with GTAW process on small diameter thin wall pipe and tubing in all positions. High pressure pipe welding using GTAW on root pass with E7018 fill and cover passes is covered.

**WLDT-266 PROJECT WELDING FROM DRAWING LAB 4.00 Credits**

Shop practice in project welding from drawings using all methods and materials.

**WLDT-270 DIRECTED WELDING PROJECTS 1.00-8.00 Credits**

This course is designed for students who desire to specialize in one field of the welding industry. The student will learn how to safely operate and optimize the performance of various welding machines and how to operate welding shop equipment. They will also acquire additional knowledge of welding theory concerning specific processes or applications, and welding skills appropriate to the area of interest. Cross-listed with IMMTI-270.

**WLDT-270A WELDING SAFETY 2.00 Credits**

The student will identify lab organization and safety procedures, demonstrate applied leadership skills and abilities, demonstrate and identify hand tools and their proper usage. The student will also demonstrate and identify power tools and equipment including their proper usage and maintenance.

**WLDT-271 WELDING SAFETY 2.00 Credits**

The student will identify lab organization and safety procedures, demonstrate applied leadership skills and abilities, demonstrate and identify hand tools and their proper usage. The student will also demonstrate and identify power tools and equipment including their proper usage and maintenance.

**WLDT-290 DIRECTED STUDY IN WELDING TECHNOLOGY 1.00-8.00 Credits****WLDT-292 DIRECTED SPECIAL PROJECTS 1.00-8.00 Credits****WLDT-294 INTERNSHIP IN WELDING TECHNOLOGY 1.00-8.00 Credits**

Advanced on-the-job training in welding.

**WLDT-366 PROJECT WELDING FROM DRAWING LAB 4.00 Credits**

Shop practice in project welding from drawings using all methods and materials.

**WLDT-370 DIRECTED WELDING PROJECTS 1.00-8.00 Credits**

This course is designed for students who desire to specialize in one field of the welding industry. The student will learn how to safely operate and optimize the performance of various welding machines and how to operate welding shop equipment. They will also acquire additional knowledge of welding theory concerning specific processes or applications, and welding skills appropriate to the area of interest.

**WLDT-390 DIRECTED STUDY IN WELDING TECHNOLOGY 1.00-8.00 Credits****WLDT-394 INTERNSHIP IN WELDING TECHNOLOGY 1.00-8.00 Credits**

Advanced on-the-job training in welding.

**WLDT-494 INTERNSHIP IN WELDING TECHNOLOGY 12.00 Credits**

Advanced on-the-job training in welding.

## Auto Mechanics Technology AAS

The Auto Mechanics Technology Program is National Automotive Technician Education Foundation (NATEF) certified. This program develops skills for servicing and repairing all systems of the automobile. Students are taught to use specialized tools and equipment found in automotive shops, and receive instruction in automotive theory, related instruction, and practical shop experience. Auto service technicians understand the sophisticated technology behind each vehicle, and stay current as new technologies emerge. They diagnose, adjust, repair or overhaul all types of vehicles.

Core instruction for all mechanics programs is provided during the first year. During the second year, students receive in-depth instruction in more complex systems. Students entering with prior training from high school, military, or industry can challenge portions of the training program by examination and/or performance testing. Students must achieve competencies in course work before moving to the next instructional area. Shop experience is combined with related theory. A specified set of tools is required upon entry. The tool list can be found on the program website.

All students will be subject to a Driver's License Validation check for insurance purposes, and must hold a valid driver's license while enrolled in the program. If a student loses their Driver's License or can not be insured while enrolled in the program, continuation in the program will be reviewed by the instructors on a case by case basis until the end of the semester.

Advanced on-the-job training for the student can be obtained through internship placement. A program coordinator works with the employer in establishing training goals and work experience. The program can generally be completed in two years.

#### Enrollment Requirements

- Enrollment priority is on a first-come first-serve basis as determined by the student's faculty advising date.
- Aleks score in Math of 14 or higher, Writing Placement Exam of 2 or higher, or qualify for MTHPT-103 and ENGL-101.
- The prospective students must have a current valid Driver's License and have had no DUI's in the past 12 months. If you have any questions regarding your driver's license, please contact the Technical & Industrial Division Office prior to submitting your application to LC State.
- Physical well-being, good manual dexterity, and the strength to lift heavy objects are necessary.

Upon completion of the Auto Mechanics Technology program, the student will have basic skills to:

- Service and repair all systems of the automobile.
- Use specialized tools and equipment.
- Understand electronics as it is applied to the automotive industry.
- Function in a businesslike manner applicable to the automotive repair industry.
- Be subject to a National Automotive Student Skills Standard Assessment test and must pass.

Upon completion of the program, students must pass all parts of the ASE certification tests in order to graduate.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
<b>Oral Communication</b>		
Select one of the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
MTHPT-137	MATH FOR TECHNOLOGY	4.00
<b>Social &amp; Behavioral Ways of Knowing</b>		
Select one of the following:		3.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	
POLS-101	AMERICAN NATIONAL GOVERNMENT	
POLS-237	INTERNATIONAL POLITICS	
POLS-285	COMPARATIVE GOVERNMENT	
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	
SOC-101	INTRODUCTION TO SOCIOLOGY	

SOC-102	SOCIAL PROBLEMS
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS

**Additional General Education Core**

Select one of the following: 3.00-5.00

ANTH-360	RACE AND ETHNICITY
ART-100	INTRODUCTION TO ART
BIOF-100	INTRODUCTION TO BIOINFORMATICS
BIOL-100	CONCEPTS OF BIOLOGY
BIOL-120	PLANTS AND PEOPLE
BIOL-123	BIOLOGY IN FILM
BIOL-175	HUMAN BIOLOGY
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I
CHEM-100	CONCEPTS OF CHEMISTRY
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY
CHEM-111	PRINCIPLES OF CHEMISTRY I
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE
COMM-345	INTERCULTURAL COMMUNICATION
CS-108	INTRODUCTION TO COMPUTER SCIENCE
ENGL-175	LITERATURE AND IDEAS
ENGL-257	WORLD CLASSICS
ENGL-258	INTERNATIONAL LITERATURE
ENGL-260	NATIVE AMERICAN LITERATURE
ENGL-261	MYTHOLOGIES
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOL-101	PHYSICAL GEOLOGY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE
HUM-150	INTRODUCTION TO THE ARTS
ID-240	INTEGRATED SCIENCE II
ID-300C	ETHICS AND IDENTITY
ID-301A	HELLS CANYON INSTITUTE
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
MUS-101	SURVEY OF MUSIC
MUS-102	MUSIC IN AMERICA
MUS-150	WORLD MUSIC
MUS-151	HISTORY OF MUSICAL THEATER
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
NS-140	INTEGRATED SCIENCE I
NS-150	INTRODUCTION TO NATURAL SCIENCES
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR
PHYS-111	GENERAL PHYSICS I
or PHYS-112	GENERAL PHYSICS II
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS
PHYS-205	DESCRIPTIVE ASTRONOMY
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II

SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS
THEA-101	SURVEY OF THE THEATER

**Total Credits** **16.00-18.00**

## Program Requirements

Code	Title	Credits
<b>Technical Core</b>		
AUTMC-200	HVAC AND ACCESSORIES	4.00
AUTMC-209	AUTOMATIC TRANSMISSION REPAIR/DIAGNOSIS	6.00
AUTMC-212	AUTOMOTIVE TUNE-UP AND DRIVABILITY	6.00
AUTMC-225	ADVANCED COMPUTERIZED FUEL SYSTEMS	6.00
GENMC-100	BASIC AUTOMOTIVE SYSTEMS	2.00
GENMC-102	ELECTRICAL (or GENMC-102A and GENMC-102B)	6.00
GENMC-103	POWER TRAINS LECTURE AND LAB	6.00
GENMC-105	ENGINES LECTURE AND LAB (or GENMC-105A and GENMC-105B)	6.00
GENMC-115	CHASSIS, SUSPENSION, AND BRAKES LEC/LAB	6.00
GENMC-126	SAFETY	2.00
<b>Total Credits</b>		<b>50.00</b>

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
AUTMC-200	HVAC AND ACCESSORIES	4.00
ENGL-101	WRITING AND RHETORIC I	3.00
GENMC-100	BASIC AUTOMOTIVE SYSTEMS	2.00
GENMC-102	ELECTRICAL	6.00
or GENMC-102A <i>and</i> GENMC-102B	or BASIC ELECTRICAL <i>and</i> ADVANCED ELECTRICAL	
GENMC-126	SAFETY	2.00
<b>Credits</b>		<b>17.00</b>
<b>Spring</b>		
AUTMC-209	AUTOMATIC TRANSMISSION REPAIR/DIAGNOSIS	6.00
CORE	Oral Communication	3.00
GENMC-103	POWER TRAINS LECTURE AND LAB	6.00
MTHPT-137	MATH FOR TECHNOLOGY	4.00
<b>Credits</b>		<b>19.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Social & Behavioral Ways of Knowing	3.00
GENMC-105	ENGINES LECTURE AND LAB	6.00
or GENMC-105A <i>and</i> GENMC-105B	or BASIC ENGINES <i>and</i> ADVANCED ENGINES	
GENMC-115	CHASSIS, SUSPENSION, AND BRAKES LEC/LAB	6.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
AUTMC-212	AUTOMOTIVE TUNE-UP AND DRIVABILITY	6.00
AUTMC-225	ADVANCED COMPUTERIZED FUEL SYSTEMS	6.00

CORE	Additional General Education Course	3.00
	<b>Credits</b>	<b>15.00</b>
	<b>Total Credits</b>	<b>66.00</b>

Graduates from Auto Mechanics Technology programs go on to obtain careers in a variety of fields:

- Auto Mechanic
- Front-End technicians
- Transmission Technicians
- Automotive Master Mechanics

## Auto Mechanics Technology ATC

The Auto Mechanics Technology Program is National Automotive Technician Education Foundation (NATEF) certified. This program develops skills for servicing and repairing all systems of the automobile. Students are taught to use specialized tools and equipment found in automotive shops, and receive instruction in automotive theory, related instruction, and practical shop experience. Auto service technicians understand the sophisticated technology behind each vehicle, and stay current as new technologies emerge. They diagnose, adjust, repair or overhaul all types of vehicles.

Students entering with prior training from high school, military, or industry can challenge portions of the training program by examination and/or performance testing. Students must achieve competencies in course work before moving to the next instructional area. Shop experience is combined with related theory. A specified set of tools is required upon entry. The tool list can be found on the program website.

All students will be subject to a Driver's License Validation check for insurance purposes, and must hold a valid driver's license while enrolled in the program. If a student loses their Driver's License or can not be insured while enrolled in the program, continuation in the program will be reviewed by the instructors on a case by case basis until the end of the semester.

Enrollment Requirements:

- Enrollment priority is on a first-come first-serve basis as determined by the student's faculty advising date.
- The prospective students must have a current valid Driver's License and have had no DUI's in the past 12 months. If you have any questions regarding your driver's license, please contact the Technical & Industrial Division Office prior to submitting your application to LC State.
- Physical well-being, good manual dexterity, and the strength to lift heavy objects are necessary.
- Aleks score in Math of 14 or higher, Writing Placement Exam of 2 or higher, or qualify for MTHPT-103 and ENGL-101.

Upon completion of the Auto Mechanics Technology program, the student will have basic skills to:

- Service and repair all systems of the automobile.
- Use specialized tools and equipment.
- Understand electronics as it is applied to the automotive industry.
- Function in a businesslike manner applicable to the automotive repair industry.
- Be subject to a National Automotive Student Skills Standard Assessment test and must pass.

Upon completion of the program, students must pass all parts of the ASE certification tests in order to graduate.

## Advanced Technical Certificate Requirements

Code	Title	Credits
<b>Technical Core</b>		
AUTMC-209	AUTOMATIC TRANSMISSION REPAIR/DIAGNOSIS	6.00
AUTMC-212	AUTOMOTIVE TUNE-UP AND DRIVABILITY	6.00
AUTMC-200	HVAC AND ACCESSORIES	4.00
AUTMC-225	ADVANCED COMPUTERIZED FUEL SYSTEMS	6.00
GENMC-100	BASIC AUTOMOTIVE SYSTEMS	2.00
GENMC-102	ELECTRICAL (or GENMC-102A and GENMC-102B)	6.00
GENMC-103	POWER TRAINS LECTURE AND LAB	6.00
GENMC-105	ENGINES LECTURE AND LAB (or GENMC-105A and GENMC-105B)	6.00
GENMC-115	CHASSIS, SUSPENSION, AND BRAKES LEC/LAB	6.00
GENMC-126	SAFETY	2.00
Select one of the following:		3.00
AUTMC-227	AUTOMOTIVE PARTS COUNTER PERSON	

MTHPT-103

APPLIED ALGEBRA

**Total Credits****53.00**

## Auto Mechanics Technology ITC

The Auto Mechanics Technology Program is National Automotive Technician Education Foundation (NATEF) certified. This program develops skills for servicing and repairing all systems of the automobile. Students are taught to use specialized tools and equipment found in automotive shops, and receive instruction in automotive theory, related instruction, and practical shop experience. Auto service technicians understand the sophisticated technology behind each vehicle, and stay current as new technologies emerge. They diagnose, adjust, repair or overhaul all types of vehicles.

Students entering with prior training from high school, military, or industry can challenge portions of the training program by examination and/or performance testing. Students must achieve competencies in course work before moving to the next instructional area. Shop experience is combined with related theory. A specified set of tools is required upon entry. The tool list can be found on the program website.

All students will be subject to a Driver's License Validation check for insurance purposes, and must hold a valid driver's license while enrolled in the program. If a student loses their Driver's License or is not insurable while enrolled in the program, continuation in the program will be reviewed by the instructors on a case by case basis until the end of the semester.

Enrollment Requirements:

- Enrollment priority is on a first-come first-serve basis as determined by the student's faculty advising date.
- The prospective students must have a current valid Driver's License and have had no DUI's in the past 12 months. If you have any questions regarding your driver's license, please contact the Technical & Industrial Division Office prior to submitting your application to LC State.
- Aleks score in Math of 14 or higher, Writing Placement Exam of 2 or higher, or qualify for MTHPT-103 and ENGL-101.
- Physical well-being, good manual dexterity, and the strength to lift heavy objects are necessary.

Upon completion of the program, students must pass all parts of the ASE certification tests in order to graduate.

Upon completion of the Auto Mechanics Technology program, the student will be able to demonstrate ability to:

- Know how to operate shop equipment, lift heavy objects, handle fire equipment, and handle hazardous materials related to auto repair shops in a safe and professional manner
- Understand the function of the chassis, suspension and brake system. Determine how to make repairs using the appropriate equipment; complete proper alignment and balancing after repair; ability to operate hydraulic systems
- Obtain an understanding of engine theory and construction; engine operation; diagnosis of problems; removal and disassembly of engines; repairs and assembly; installation and testing
- Understand the use of math in the repair and diagnosis of vehicles
- Provide written estimates of work to be done
- Obtain an in-depth understanding and working knowledge of computer controlled fuel and engine management, and emissions systems in order to service and maintain them
- Diagnose and repair automatic transmission; replace parts as needed and make necessary adjustments using proper mathematical calculations
- Know the basic operation and repair of all types of clutches, manual transmissions, transaxles, transfer case, front and rear axle differentials
- Gain a thorough understanding of electricity and its components and comprehend its use as applied to automobiles
- Perform repairs and maintenance on electronic and electrical systems
- Knowledge of computer controlled fuel and engine management
- Understand emissions systems and laws governing operation and service practices; service and maintain the same systems
- Able to use diagnostic equipment and strategies for using the equipment to isolate problems
- Knowledge regarding the function of the entire chassis, suspension, and brake system and the ability to make repairs

## Intermediate Technical Certificate

### Program Requirements

Code	Title	Credits
<b>Technical Core</b>		
Select 30 credits from the following:		30.00
AUTMC-200	HVAC AND ACCESSORIES	
AUTMC-209	AUTOMATIC TRANSMISSION REPAIR/DIAGNOSIS	
AUTMC-212	AUTOMOTIVE TUNE-UP AND DRIVABILITY	
AUTMC-225	ADVANCED COMPUTERIZED FUEL SYSTEMS	

AUTMC-227 or MTHPT-103	AUTOMOTIVE PARTS COUNTER PERSON APPLIED ALGEBRA
GENMC-100	BASIC AUTOMOTIVE SYSTEMS
GENMC-102	ELECTRICAL (or GENMC-102A and GENMC-102B)
GENMC-103	POWER TRAINS LECTURE AND LAB
GENMC-105	ENGINES LECTURE AND LAB (or GENMC-105A and GENMC-105B)
GENMC-115	CHASSIS, SUSPENSION, AND BRAKES LEC/LAB
GENMC-126	SAFETY
<b>Total Credits</b>	
	<b>30.00</b>

## CNC Machining Technology AAS

This program provides training that prepares students to set up and operate machining equipment, handle inspection devices, analyze production problems, and move into supervision of machining. Students obtain a strong background in machining, engineering graphics, computers (CAD/CAM/CNC), quality control/quality assurance, material handling and processing, and leadership skills. The program provides a balance between practical training in manufacturing processes and technical education in manufacturing analysis, planning, and control with supporting emphasis in communications, mathematics, science, and business.

To prepare for entry into the program courses in metal or wood shop, mechanical drawing, English, mathematics, physics, and computers are strongly recommended. Activity in clubs or organizations which emphasize leadership skills is also recommended. There is an opportunity for students to work in industry for a specified time and receive college credit, or to convert work and life experience into college credit for this program. Those interested in such an opportunity are encouraged to contact their advisor for further details at the time of registration.

Entrance requirements for degree seeking students in the CNC Machining Technology program include:

- Aleks score in Math of 30 or higher, Writing Placement Exam of 2 or higher, or qualify for MTHPT-137 and ENGL-101.
- Enrollment priority will be given to students on the basis of student's advising date.

Upon completion of the CNC Machining Technology A.A.S. Degree, the student will be able to demonstrate ability to:

- Knowledge of safety in work place and use of tools safely
- Material knowledge of metals and synthetics to relate to the machining process
- Machine cutting tools and their designed use including speeds and feeds
- Knowledge of work holding as it relates to machine shop equipment which include jigs and fixturing and correct machining order
- Ability to program, edit, setup, and operate CNC lathes and milling machines. Students will be able to produce a variety of parts from 2-D CAD files
- Able to create swept surfaces, ruled surfaces, projected surfaces, surfaces of revolution, and Coons surfaces
- Application of proper utilization of tool length libraries and tool step-over distances to produce 3-D parts within specified surface finish requirements
- Analysis and planning of manufacturing procedures in the development of a project plan, schedule and control of the project

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
<b>Oral Communication</b>		
Select one of the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
MTHPT-137	MATH FOR TECHNOLOGY	4.00
<b>Social &amp; Behavioral Ways of Knowing</b>		
Select one of the following:		3.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-201	PRINCIPLES OF MACROECONOMICS	

ECON-202	PRINCIPLES OF MICROECONOMICS
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS

**Additional General Education Core**

Select one of the following: 3.00-5.00

ANTH-360	RACE AND ETHNICITY
ART-100	INTRODUCTION TO ART
BIOF-100	INTRODUCTION TO BIOINFORMATICS
BIOL-100	CONCEPTS OF BIOLOGY
BIOL-120	PLANTS AND PEOPLE
BIOL-123	BIOLOGY IN FILM
BIOL-175	HUMAN BIOLOGY
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I
CHEM-100	CONCEPTS OF CHEMISTRY
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY
CHEM-111	PRINCIPLES OF CHEMISTRY I
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE
COMM-345	INTERCULTURAL COMMUNICATION
CS-108	INTRODUCTION TO COMPUTER SCIENCE
ENGL-175	LITERATURE AND IDEAS
ENGL-257	WORLD CLASSICS
ENGL-258	INTERNATIONAL LITERATURE
ENGL-260	NATIVE AMERICAN LITERATURE
ENGL-261	MYTHOLOGIES
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOL-101	PHYSICAL GEOLOGY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE
HUM-150	INTRODUCTION TO THE ARTS
ID-240	INTEGRATED SCIENCE II
ID-300C	ETHICS AND IDENTITY
ID-301A	HELLS CANYON INSTITUTE
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
MUS-101	SURVEY OF MUSIC
MUS-102	MUSIC IN AMERICA
MUS-150	WORLD MUSIC



MUS-151	HISTORY OF MUSICAL THEATER
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
NS-140	INTEGRATED SCIENCE I
NS-150	INTRODUCTION TO NATURAL SCIENCES
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR
PHYS-111	GENERAL PHYSICS I
or PHYS-112	GENERAL PHYSICS II
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS
PHYS-205	DESCRIPTIVE ASTRONOMY
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS
THEA-101	SURVEY OF THE THEATER

**Total Credits****16.00-18.00**

## Program Requirements

### Technical Core

Code	Title	Credits
AMFTI-110	MACHINING THEORY I	2.00
AMFTI-112	MACHINING THEORY II	2.00
AMFTI-122	ENGINEERING GRAPHICS WITH AUTOCAD	4.00
AMFTI-141	MACHINING LAB I	3.00
AMFTI-143	MACHINING LAB II	3.00
AMFTI-161	QUALITY CONTROL 1 METROLOGY	3.00
AMFTI-232	GD&T APPLICATION & INTERPRETATION	3.00
AMFTI-241	INTRODUCTORY CAD AND CAM	3.00
AMFTI-243	ADVANCED CAD AND CAM	3.00
AMFTI-245	CNC MACHINING PROCESSES	3.00
AMFTI-263	PROJECT PLANNING	3.00
AMFTI-265	MANUFACTURING PROJECT	6.00
ENGTE-106	DRAFTING FUNDAMENTALS	6.00
ENGTE-135	APPLIED PHYSICS	4.00

**Total Credits****48.00**

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
AMFTI-110	MACHINING THEORY I	2.00
AMFTI-112	MACHINING THEORY II	2.00
AMFTI-122	ENGINEERING GRAPHICS WITH AUTOCAD	4.00
ENGTE-106	DRAFTING FUNDAMENTALS	6.00
MTHPT-137	MATH FOR TECHNOLOGY	4.00
<b>Credits</b>		<b>18.00</b>
<b>Spring</b>		
AMFTI-141	MACHINING LAB I	3.00

AMFTI-143	MACHINING LAB II	3.00
AMFTI-161	QUALITY CONTROL 1 METROLOGY	3.00
CORE	Oral Communication	3.00
ENGTE-135	APPLIED PHYSICS	4.00
ENGL-101	WRITING AND RHETORIC I	3.00
<b>Credits</b>		<b>19.00</b>
<b>Second Year</b>		
<b>Fall</b>		
AMFTI-232	GD&T APPLICATION & INTERPRETATION	3.00
AMFTI-241	INTRODUCTORY CAD AND CAM	3.00
AMFTI-243	ADVANCED CAD AND CAM	3.00
AMFTI-245	CNC MACHINING PROCESSES	3.00
CORE	Additional General Education Course	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
<b>Credits</b>		<b>18.00</b>
<b>Spring</b>		
AMFTI-263	PROJECT PLANNING	3.00
AMFTI-265	MANUFACTURING PROJECT	6.00
<b>Credits</b>		<b>9.00</b>
<b>Total Credits</b>		<b>64.00</b>

Graduates from CNC Machining Technology (<https://www.careeronestop.org/toolkit/careers/occupations/Occupation-profile.aspx?keyword=Computer%20Numerically%20Controlled%20Machine%20Tool%20Programmers,%20Metal%20and%20Plastic&onetcode=51401200&ES=Y&EST=cnc+machining>) programs go on to obtain careers in a variety of fields:

- Manufacturing
- Millwright Positions
- Machining Center Positions
- Fluid Power Industry Positions
- CNC Programmer
- Process Engineer
- Machinist

## CNC Machining Technology ATC

This program provides training that prepares students to set up and operate both manual and CNC machining equipment, handle inspection devices, analyze production problems, and move into supervision of machine shops. Students obtain a strong background in manual machining, engineering graphics, computer aided machining (CAD/CAM/CNC), quality control, material handling and leadership skills. The program provides a balance between practical training in manufacturing processes and technical education in analysis, planning, and control with supporting emphasis in communications, mathematics, science, and business.

To prepare for entry into the program courses in metal or wood shop, mechanical drawing, English, mathematics, physics, and computers are strongly recommended. Activity in clubs or organizations which emphasize leadership skills is also recommended. There is an opportunity for students to work in industry for a specified time and receive college credit, or to convert work and life experience into college credit for this program. Those interested in such an opportunity are encouraged to contact their advisor for further details at the time of registration.

Entrance requirements for the CNC Machining Technology program include:

- Aleks score in Math of 30 or higher, Writing Placement Exam of 2 or higher, or qualify for Math (PT) 137 and English 101.
- Enrollment priority will be given to students on the basis of student's advising date.

Upon completion of the CNC Machining Technology Advance Technical Certificate, the student will be able to demonstrate ability to:

- Knowledge of safety in work place and use of tools safely
- Material knowledge of metals and synthetics to relate to the machining process
- Machine cutting tools and their designed use including speeds and feeds
- Knowledge of work holding as it relates to machine shop equipment which include jigs and fixturing and correct machining order
- Ability to program, edit, setup, and operate CNC lathes and milling machines. Students will be able to produce a variety of parts from 2-D CAD files

- Able to create swept surfaces, ruled surfaces, projected surfaces, surfaces of revolution, and Coons surfaces
- Application of proper utilization of tool length libraries and tool step-over distances to produce 3-D parts within specified surface finish requirements
- Analysis and planning of manufacturing procedures in the development of a project plan, schedule and control of the project

## Advanced Technical Certificate Requirements

Code	Title	Credits
<b>Technical Core</b>		
Select one of the following:		3.00-5.00
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY (or MATH-147A & MATH-147B)	
MATH-153	STATISTICAL REASONING	
AMFTI-110	MACHINING THEORY I	2.00
AMFTI-112	MACHINING THEORY II	2.00
AMFTI-121	INTRODUCTION TO CAD	3.00
AMFTI-122	ENGINEERING GRAPHICS WITH AUTOCAD	4.00
AMFTI-124	APPLIED BLUEPRINT READING	2.00
AMFTI-141	MACHINING LAB I	3.00
AMFTI-143	MACHINING LAB II	3.00
AMFTI-145	INTRODUCTION TO NC AND CNC	3.00
AMFTI-241	INTRODUCTORY CAD AND CAM	4.00
AMFTI-243	ADVANCED CAD AND CAM	4.00
AMFTI-245	CNC MACHINING PROCESSES	3.00
AMFTI-261	QUALITY CONTROL	3.00
AMFTI-263	PROJECT PLANNING	3.00
AMFTI-265	MANUFACTURING PROJECT	6.00
AMFTI-294	IN: AUTOMATED MANUFACTURING TECHNOLOGY	2.00
ENGTE-135	APPLIED PHYSICS	3.00
<b>Electives</b>		
Select 3 elective credits		3.00
<b>Total Credits</b>		<b>56.00-58.00</b>

## CNC Machining Technology ITC

This program provides training that prepares students to set up and operate both manual and CNC machining equipment, handle inspection devices, analyze production problems, and move into supervision of machining. Students obtain a background in manual machining, engineering graphics, computer aided machining (CAD/CAM/CNC), quality control, material handling and leadership skills. This program provides a balance between practical training in manufacturing processes and technical education in analysis, planning, and control with supporting emphasis in communications, mathematics, science, and business.

To prepare for entry into the program courses in metal or wood shop, mechanical drawing, English, mathematics, physics, and computers are strongly recommended. Activity in clubs or organizations which emphasize leadership skills is also recommended. There is an opportunity for students to work in industry for a specified time and receive college credit, or to convert work and life experience into college credit for this program. Those interested in such an opportunity are encouraged to contact their advisor for further details at the time of registration.

Entrance requirements for degree seeking students in the CNC Machining Technology program include:

- Aleks score in Math of 30 or higher, Writing Placement Exam of 2 or higher, or qualify for Math (PT) 137 and English 101.
- Enrollment priority will be given to students on the basis of student's advising date.

Upon completion of the CNC Machining Technology Intermediate Technical Certificate, the student will be able to demonstrate ability to:

- Knowledge of safety in work place and use of tools safely
- Material knowledge of metals and synthetics to relate to the machining process
- Machine cutting tools and their designed use including speeds and feeds
- Knowledge of work holding as it relates to machine shop equipment which include jigs and fixturing and correct machining order
- Ability to program, edit, setup, and operate CNC lathes and milling machines. Students will be able to produce a variety of parts from 2-D CAD files
- Able to create swept surfaces, ruled surfaces, projected surfaces, surfaces of revolution, and Coons surfaces
- Application of proper utilization of tool length libraries and tool step-over distances to produce 3-D parts within specified surface finish requirements
- Analysis and planning of manufacturing procedures in the development of a project plan, schedule and control of the project

## Intermediate Technical Certificate Requirements

Code	Title	Credits
<b>Technical Core</b>		
HRPT-184	DIVERSITY IN ORGANIZATIONS	3.00
or HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	
Select one of the following:		3.00-5.00
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY (or MATH-147A & MATH-147B)	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
<b>Program Requirements</b>		
Select 25 credits from the following:		25.00
AMFTI-110	MACHINING THEORY I	
AMFTI-112	MACHINING THEORY II	
AMFTI-121	INTRODUCTION TO CAD	
AMFTI-122	ENGINEERING GRAPHICS WITH AUTOCAD	
AMFTI-124	APPLIED BLUEPRINT READING	
AMFTI-141	MACHINING LAB I	
AMFTI-143	MACHINING LAB II	
AMFTI-145	INTRODUCTION TO NC AND CNC	
AMFTI-241	INTRODUCTORY CAD AND CAM	
AMFTI-243	ADVANCED CAD AND CAM	
AMFTI-245	CNC MACHINING PROCESSES	
AMFTI-261	QUALITY CONTROL	
AMFTI-263	PROJECT PLANNING	
AMFTI-265	MANUFACTURING PROJECT	
ENGTE-135	APPLIED PHYSICS	
<b>Total Credits</b>		<b>31.00-33.00</b>

## Collision Repair Technology AAS

The Collision Repair Technology program is an Automotive Service Excellence (ASE) certified program and is designed to help students develop knowledge and skills for employment in the collision repair industry. Students are provided theory and practice in repairing vehicles damaged in a collision. Core instruction for the Collision Repair program is provided during the first year. During the second year, students receive in-depth instruction in more complex systems. Students entering with prior training from high school, military, or industry can challenge portions of the training program by examination and/or performance testing. Students must achieve competencies in course work before moving to the next instructional area. Shop experience is combined with related theory. Tools will be required once you enter the program. Your instructor will advise you.

Entrance requirements for students seeking enrollment in the Collision Repair Technology program include:

- ALEKS score of 14 or higher in Math (Algebra), Writing Placement Exam score of 2 or higher, or qualify for MTHPT-103 and ENGL-101.
- Enrollment priority will be given students on the basis of student's enrollment date.
- Enrollment priority will be given first to AAS degree seeking students on first-come first-serve basis as determined by their faculty advising date.
- Students must hold a valid driver's license to enroll in the Collision Repair Technology Program. If you have any questions regarding your driver's license, please contact the T&I Division Office prior to submitting your application to LC State.
- Collision Repair has physical requirements that may affect the student's ability to function in this program. Physical recommendations as listed in the US Bureau of Labor Statics for Collision Repair Technology.

Upon completion of the Collision Repair Technology program, the student will have basic skills to:

- Remove, replace, and align bolt on body panels.
- Repair damaged body panels.
- Prep vehicles for paint.
- Mix, match, and apply paint.
- Repair damaged plastic body panels.
- Use MIG welder to replace welded panels.
- Set up and measure frames to analyze structural damage.
- Make mechanical and electrical repairs.
- Detail vehicle interior and exterior.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
<b>Oral Communication</b>		
Select one of the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
MTHPT-137	MATH FOR TECHNOLOGY	4.00
<b>Social &amp; Behavioral Ways of Knowing</b>		
Select one of the following:		3.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	
POLS-101	AMERICAN NATIONAL GOVERNMENT	
POLS-237	INTERNATIONAL POLITICS	
POLS-285	COMPARATIVE GOVERNMENT	
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SOC-102	SOCIAL PROBLEMS	

SS-184	DIVERSITY IN ORGANIZATIONS	
SS-185	HUMAN RELATIONS IN ORGANIZATIONS	
<b>Additional General Education Core</b>		
Select one of the following:		3.00-5.00
ANTH-360	RACE AND ETHNICITY	
ART-100	INTRODUCTION TO ART	
BIOF-100	INTRODUCTION TO BIOINFORMATICS	
BIOL-100	CONCEPTS OF BIOLOGY	
BIOL-120	PLANTS AND PEOPLE	
BIOL-123	BIOLOGY IN FILM	
BIOL-175	HUMAN BIOLOGY	
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	
CHEM-100	CONCEPTS OF CHEMISTRY	
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	
CHEM-111	PRINCIPLES OF CHEMISTRY I	
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE	
COMM-345	INTERCULTURAL COMMUNICATION	
CS-108	INTRODUCTION TO COMPUTER SCIENCE	
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE	
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE	
GEOL-101	PHYSICAL GEOLOGY	
GEOL-120	INTRODUCTION TO EARTH SYSTEMS	
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
ID-240	INTEGRATED SCIENCE II	
ID-300C	ETHICS AND IDENTITY	
ID-301A	HELLS CANYON INSTITUTE	
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES	
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
NS-140	INTEGRATED SCIENCE I	
NS-150	INTRODUCTION TO NATURAL SCIENCES	
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR	
PHYS-111 or PHYS-112	GENERAL PHYSICS I GENERAL PHYSICS II	
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS	
PHYS-205	DESCRIPTIVE ASTRONOMY	
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
SPAN-201	INTERMEDIATE SPANISH I	

SPAN-202	INTERMEDIATE SPANISH II
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS
THEA-101	SURVEY OF THE THEATER

**Total Credits** **16.00-18.00**

## Program Requirements

Code	Title	Credits
<b>Technical Core</b>		
CRPTI-110	INTRODUCTION TO COLLISION REPAIR (or CRPTI-110A, CRPTI-110B and CRPTI-110C)	6.00
CRPTI-120	NON-STRUCTURAL REPAIRS I	6.00
CRPTI-140	NON-STRUCTURAL REPAIRS II	6.00
CRPTI-150	STRUCTURAL REPAIRS I	6.00
CRPTI-210	STRUCTURAL REPAIRS II (or CRPTI-210A and CRPTI-210B)	6.00
CRPTI-220	MECHANICAL REPAIRS	6.00
CRPTI-230	REFINISHING I	6.00
CRPTI-240	REFINISHING II (or CRPTI-240A and CRPTI-240B)	6.00
CRPTI-194	INTERNSHIP IN COLLISION REPAIR	3.00

**Total Credits** **51.00**

## Sequential Plan of Study - Even Year

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
CRPTI-110 or CRPTI-110A <i>and</i> CRPTI-110B <i>and</i> CRPTI-110C	INTRODUCTION TO COLLISION REPAIR or SAFETY & POLLUTION PREVENTION <i>and</i> MINOR COLLISION REPAIR THEORY/LAB <i>and</i> BASIC COLLISION REPAIR LAB	6.00
CRPTI-240 or CRPTI-240A <i>and</i> CRPTI-240B	REFINISHING II or DETAILING AND POLISHING <i>and</i> COLOR MATCHING	6.00
ENGL-101	WRITING AND RHETORIC I	3.00
MTHPT-137	MATH FOR TECHNOLOGY	4.00
<b>Credits</b>		<b>19.00</b>
<b>Spring</b>		
CRPTI-210 or CRPTI-210A <i>and</i> CRPTI-210B	STRUCTURAL REPAIRS II or INTRO TO WELDING FOR COLLISION REPAIR THEORY/LAB <i>and</i> STRUCTURAL INTEGRITY	6.00
CRPTI-220	MECHANICAL REPAIRS	6.00
CORE	Oral Communication	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
<b>Credits</b>		<b>18.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Additional General Education Course	3.00
CRPTI-120	NON-STRUCTURAL REPAIRS I	6.00
CRPTI-140	NON-STRUCTURAL REPAIRS II	6.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
CRPTI-150	STRUCTURAL REPAIRS I	6.00
CRPTI-230	REFINISHING I	6.00

CRPTI-194	INTERNSHIP IN COLLISION REPAIR	3.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>67.00</b>

## Sequential Plan of Study - Odd Year

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
CRPTI-110 or CRPTI-110A <i>and</i> CRPTI-110B <i>and</i> CRPTI-110C	INTRODUCTION TO COLLISION REPAIR or SAFETY & POLLUTION PREVENTION <i>and</i> MINOR COLLISION REPAIR THEORY/LAB <i>and</i> BASIC COLLISION REPAIR LAB	6.00
CRPTI-120	NON-STRUCTURAL REPAIRS I	6.00
ENGL-101	WRITING AND RHETORIC I	3.00
MTHPT-137	MATH FOR TECHNOLOGY	4.00
<b>Credits</b>		<b>19.00</b>
<b>Spring</b>		
CORE	Oral Communication	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
CRPTI-150	STRUCTURAL REPAIRS I	6.00
CRPTI-230	REFINISHING I	6.00
<b>Credits</b>		<b>18.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Additional General Education Course	3.00
CRPTI-140	NON-STRUCTURAL REPAIRS II	6.00
CRPTI-240 or CRPTI-240A <i>and</i> CRPTI-240B	REFINISHING II or DETAILING AND POLISHING <i>and</i> COLOR MATCHING	6.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
CRPTI-210 or CRPTI-210A <i>and</i> CRPTI-210B	STRUCTURAL REPAIRS II or INTRO TO WELDING FOR COLLISION REPAIR THEORY/LAB <i>and</i> STRUCTURAL INTEGRITY	6.00
CRPTI-220	MECHANICAL REPAIRS	6.00
CRPTI-194	INTERNSHIP IN COLLISION REPAIR	3.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>67.00</b>

Graduates from Collision Repair Technology (<https://www.careeronestop.org/toolkit/careers/occupations/Occupation-profile.aspx?keyword=Automotive%20Body%20and%20Related%20Repairers&onetcode=49302100&ES=Y&EST=automotive+repairer>) programs go on to obtain careers in a variety of fields:

- Automotive Painter, Refinisher
- Body and Frame technician
- Heavy Truck Refinishing
- Collision Repair Estimating
- Marine Refinishing
- Aviation Refinishing
- Autobody Restoration

## Collision Repair Technology ATC

The Collision Repair program is a National Automotive Service Excellence (NATEF) certified program and is designed to help students develop knowledge and skills for employment in the collision repair industry. Students are provided theory and practice in repairing vehicles damaged in a



collision. Students entering with prior training from high school, military, or industry can challenge portions of the training program by examination and/or performance testing. Students must achieve competencies in course work before moving to the next instructional area. Shop experience is combined with related theory. Tools will be required once you enter the program. Your instructor will advise you.

Entrance requirements for students seeking enrollment in the Collision Repair program include:

- ALEKS score of 14 or higher in Math, Writing Placement Exam score of 2 or higher or qualify for MTHPT-103 and ENGL-101.
- Enrollment priority will be given first to AAS degree seeking students on first-come first-serve basis as determine by their faculty advising date.
- Students must hold a valid driver's license to enroll in the Collision Repair Technology Program. If you have any questions regarding your driver's license, please contact the T&I Division Office prior to submitting your application to LC State.
- Collision Repair has physical requirements that may affect the student's ability to function in this program. Physical recommendations as listed in the US Bureau of Labor Statics for Collision Repair Technology.

Upon completion of the Advanced Technical Certificate, the student will possess technical skills in:

- Use of proper safety procedures with hazardous materials and operations according to federal, state, local and OSHA guidelines
- Inspect, remove, replace, and align various outer body vehicle parts (ex: hood and hood hinges, deck lid and deck lid hinges, tailgates and tailgate hinges, fenders, doors and related hardware, latches, bumper bars, and various hardware)
- Application of various techniques to repair damaged body panels
- Able to inspect, remove, and replace or adjust moveable and non-moveable glass
- Perform vehicle clean-up; complete quality control using a checklist
- Ability to work with customers and provide quality customer service
- Analyze damage to determine appropriate methods for overall repairs
- Provide customer estimates using written and computerized estimation tools
- Identify type of vehicle construction and recognize the different damage characteristics of space frame, unibody, and body-over-frame vehicles
- Measure and diagnose structural damage using a tram gauge and three-dimensional measuring systems
- Identify different methods of attaching structural and non-structural components
- Apply various MIG welding techniques to attach structural/non-structural components
- Inspect and prepare surfaces for refinishing
- Demonstrate an understanding of the operation of pressure spray equipment and apply finish using appropriate spray techniques
- Accurately match paint to color of vehicle and apply properly
- Determine causes of paint defects and find appropriate cures

## Advanced Technical Certificate Requirements

Code	Title	Credits
<b>Technical Core</b>		
CRPTI-110	INTRODUCTION TO COLLISION REPAIR (or CRPTI-110A, CRPTI-110B and CRPTI-110C)	6.00
CRPTI-120	NON-STRUCTURAL REPAIRS I	6.00
CRPTI-140	NON-STRUCTURAL REPAIRS II	6.00
CRPTI-150	STRUCTURAL REPAIRS I	6.00
CRPTI-210	STRUCTURAL REPAIRS II (or CRPTI-210A and CRPTI-210B)	6.00
CRPTI-220	MECHANICAL REPAIRS	6.00
CRPTI-230	REFINISHING I	6.00
CRPTI-240	REFINISHING II (or CRPTI-240A and CRPTI-240B)	6.00
MTHPT-103	APPLIED ALGEBRA	3.00
SD-107	NEW STUDENT ORIENTATION	1.00
or SD-307	TRANSFER ORIENTATION	
<b>Total Credits</b>		<b>52.00</b>

## Collision Repair Technology ITC

The Collision Repair program is an Automotive Service Excellence (ASE) certified program and is designed to help students develop knowledge and skills for employment in the collision repair industry. Students are provided theory and practice in repairing vehicles damaged in a collision. Students entering with prior training from high school, military, or industry can challenge portions of the training program by examination and/or performance testing. Students must achieve competencies in course work before moving to the next instructional area. Shop experience is combined with related theory. Tools will be required once you enter the program. Your instructor will advise you on your tool list.

Entrance requirements for students seeking enrollment in the Collision Repair program include:

- ALEKS score of 14 or higher in Math, Writing Placement Exam score of 2 or higher, or qualify for MTHPT-103 and ENGL-101.
- Enrollment priority will be given first to AAS degree seeking students on first-come first-serve basis as determine by their faculty advising date.
- Students must hold a valid driver's license to enroll in the Collision Repair Technology Program. If you have any questions regarding your driver's license, please contact the T&I Division Office prior to submitting your application to LC State.
- Collision Repair has physical requirements that may affect the student's ability to function in this program. Physical recommendations as listed in the US Bureau of Labor Statics for Collision Repair Technology.

Upon completion of the Intermediate Technical Certificate, the student will possess technical skills in:

- Use of proper safety procedures with hazardous materials and operations according to federal, state, local and OSHA guidelines
- Inspect, remove, replace, and align various outer body vehicle parts (ex: hood and hood hinges, deck lid and deck lid hinges, tailgates and tailgate hinges, fenders, doors and related hardware, latches, bumper bars, and various hardware)
- Application of various techniques to repair damaged body panels
- Able to inspect, remove, and replace or adjust moveable and non-moveable glass
- Perform vehicle clean-up; complete quality control using a checklist
- Ability to work with customers and provide quality customer service
- Analyze damage to determine appropriate methods for overall repairs
- Provide customer estimates using written and computerized estimation tools
- Identify type of vehicle construction and recognize the different damage characteristics of space frame, unibody, and body-over-frame vehicles
- Measure and diagnose structural damage using a tram gauge and three-dimensional measuring systems
- Identify different methods of attaching structural and non-structural components
- Apply various MIG welding techniques to attach structural/non-structural components
- Inspect and prepare surfaces for refinishing
- Demonstrate an understanding of the operation of pressure spray equipment and apply finish using appropriate spray techniques
- Accurately match paint to color of vehicle and apply properly
- Determine causes of paint defects and find appropriate cures

## Intermediate Technical Certificate Requirements

Code	Title	Credits
<b>Technical Core</b>		
CRPTI-110	INTRODUCTION TO COLLISION REPAIR (or CRPTI-110A, CRPTI-110B and CRPTI-110C)	6.00
CRPTI-120	NON-STRUCTURAL REPAIRS I	6.00
CRPTI-140	NON-STRUCTURAL REPAIRS II	6.00
CRPTI-230	REFINISHING I	6.00
CRPTI-294	INTERNSHIP IN COLLISION REPAIR	3.00
MTHPT-103	APPLIED ALGEBRA	3.00
<b>Total Credits</b>		<b>30.00</b>

## Diesel Technology AAS

The Diesel Technology Program provides a well-rounded education in the service and repair of trucks and heavy equipment related to areas including farming, logging, marine, locomotive, and construction. Students learn theory in shop practice, diesel engines, safety, hydraulics, DC electrical systems and microcomputers, power trains, brakes, and chassis and suspension. Students learn comprehensive safety training applicable to the work environment. Employment opportunities are available with a wide variety of diverse companies including trucking, logging, mining, construction, general and specialty repair shops, dealerships, and government agencies including the park service, the state, county shops, city shops, and other state and federal agencies. Core instruction for the Diesel Technology program is provided during the first year. During the second year, students receive in-depth instruction in more complex systems. Students entering with prior training from high school, military, or industry can challenge portions of the training program by examination and/or performance testing. Students must achieve competencies in course work before moving to the next instructional area. Shop experience is combined with related theory. A specified set of tools is required upon entry. The tool list can be found on the program website.

All students will be subject to a Driver's License Validation check and must hold a valid driver's license while enrolled in the mechanics programs. This program has physical requirements that may affect the student's ability to perform in this program.

Entrance requirements for AAS degree seeking students in the Diesel Technology program include:

- A valid driver's license with no DUI conviction within the past year.
- ALEKS score of 14 or higher in Math and Writing Placement Exam of 2 or higher or qualify for MTHPT-103 and ENGL-101.
- Physical recommendations as listed in the US Bureau of Labor Statistics for Diesel Technology.

Upon completion of the Diesel Technology Program, the student will have the basic skills to:

- Application of shop and industry safety procedures
- Develop a safety attitude, use and identify personal protective equipment, understand fire safety, and material handling
- Understand terminology; knowledge of tools and equipment; knowledge of CDL operation; use of scan tools and diagnostic tools
- Certification in forklift and crane operation
- Evaluation of diesel engine performance
- Engine identification and external component identification
- Familiar with Power Trains systems; able to disassemble and reassemble PowerShift transmissions, straight gear transmissions, drive lines, differentials, and clutches
- Able to troubleshoot and repair various engine systems such as engine brakes, emission controls, evolving hybrids, electrical, and multiplexing.
- Knowledge of theory and operation of various systems
- Learn the basic operation and function of air brakes, chassis, and suspension systems
- Understand hydraulic schematics; diagnosing and repairing hydraulic systems
- A/C systems students will receive MACS A/C Certification
- Knowledge of DOT compliance
- Obtain Commercial Driver's License Training (CDL)

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
<b>Oral Communication</b>		
Select one of the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
MTHPT-137	MATH FOR TECHNOLOGY	4.00
<b>Social &amp; Behavioral Ways of Knowing</b>		
Select one of the following:		3.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	
POLS-101	AMERICAN NATIONAL GOVERNMENT	
POLS-237	INTERNATIONAL POLITICS	
POLS-285	COMPARATIVE GOVERNMENT	
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	
SOC-101	INTRODUCTION TO SOCIOLOGY	

SOC-102	SOCIAL PROBLEMS	
SS-184	DIVERSITY IN ORGANIZATIONS	
SS-185	HUMAN RELATIONS IN ORGANIZATIONS	
<b>Additional General Education Core</b>		
Select one of the following:		3.00-5.00
ANTH-360	RACE AND ETHNICITY	
ART-100	INTRODUCTION TO ART	
BIOF-100	INTRODUCTION TO BIOINFORMATICS	
BIOL-100	CONCEPTS OF BIOLOGY	
BIOL-120	PLANTS AND PEOPLE	
BIOL-123	BIOLOGY IN FILM	
BIOL-175	HUMAN BIOLOGY	
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	
CHEM-100	CONCEPTS OF CHEMISTRY	
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	
CHEM-111	PRINCIPLES OF CHEMISTRY I	
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE	
COMM-345	INTERCULTURAL COMMUNICATION	
CS-108	INTRODUCTION TO COMPUTER SCIENCE	
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE	
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE	
GEOL-101	PHYSICAL GEOLOGY	
GEOL-120	INTRODUCTION TO EARTH SYSTEMS	
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
ID-240	INTEGRATED SCIENCE II	
ID-300C	ETHICS AND IDENTITY	
ID-301A	HELLS CANYON INSTITUTE	
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES	
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
NS-140	INTEGRATED SCIENCE I	
NS-150	INTRODUCTION TO NATURAL SCIENCES	
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR	
PHYS-111	GENERAL PHYSICS I	
or PHYS-112	GENERAL PHYSICS II	
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS	
PHYS-205	DESCRIPTIVE ASTRONOMY	
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	

SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS
THEA-101	SURVEY OF THE THEATER

**Total Credits** **16.00-18.00**

## Program Requirements

Code	Title	Credits
<b>Technical Core</b>		
DSLTC-102	ELECTRICAL SYSTEMS (or DSLTC-102A, DSLTC-102B and DSLTC-102C)	6.00
DSLTC-103	POWER TRAINS LECTURE AND LAB	6.00
DSLTC-105	DIESEL ENGINES	6.00
DSLTC-126	SAFETY	2.00
DSLTC-200	SHOP SKILLS AND CLIMATE CONTROL	6.00
DSLTC-210	HYDRAULICS	6.00
DSLTC-220	DIESEL ENGINE FUEL SYSTEMS AND TUNE-UP	6.00
DSLTC-230	POWER TRAINS	6.00
DSLTC-240	CHASSIS, SUSPENSION AND AIRBRAKES	6.00
<b>Total Credits</b>		<b>50.00</b>

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
DSLTC-102 or DSLTC-102A <i>and</i> DSLTC-102B <i>and</i> DSLTC-102C	ELECTRICAL SYSTEMS or INTRODUCTION TO ELECTRICAL SYSTEMS <i>and</i> ELECTRICAL SYSTEMS I <i>and</i> ELECTRICAL SYSTEMS II	6.00
DSLTC-105	DIESEL ENGINES	6.00
DSLTC-126	SAFETY	2.00
MTHPT-137	MATH FOR TECHNOLOGY	4.00
<b>Credits</b>		<b>18.00</b>
<b>Spring</b>		
CORE	Oral Communication	3.00
DSLTC-210	HYDRAULICS	6.00
DSLTC-220	DIESEL ENGINE FUEL SYSTEMS AND TUNE-UP	6.00
ENGL-101	WRITING AND RHETORIC I	3.00
<b>Credits</b>		<b>18.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Additional General Education Course	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
DSLTC-103	POWER TRAINS LECTURE AND LAB	6.00
DSLTC-230	POWER TRAINS	6.00
<b>Credits</b>		<b>18.00</b>
<b>Spring</b>		
DSLTC-200	SHOP SKILLS AND CLIMATE CONTROL	6.00
DSLTC-240	CHASSIS, SUSPENSION AND AIRBRAKES	6.00
<b>Credits</b>		<b>12.00</b>
<b>Total Credits</b>		<b>66.00</b>

Graduates from Diesel Technology (<https://www.careeronestop.org/toolkit/careers/occupations/Occupation-profile.aspx?keyword=Bus%20and%20Truck%20Mechanics%20and%20Diesel%20Engine%20Specialists&onetcode=49303100&ES=Y&EST=diesel+mechanic>) programs go on to obtain careers in a variety of fields:

- Heavy Vehicle and Mobile Equipment Service Technician
- Diesel Mechanic/Technician
- Farm Machine Technician
- Construction Machine Technician
- Crane Technician
- Commercial Boat Mechanic

## Diesel Technology ATC

The Diesel Technology Program provides a well-rounded education in the service and repair of trucks and heavy equipment related to areas including farming, logging, marine, locomotive, and construction. Students learn theory in shop practice, diesel engines, safety, hydraulics, DC electrical systems and microcomputers, power trains, brakes, and chassis and suspension. The student will also receive comprehensive safety training applicable to the work environment. Employment opportunities are available with a wide variety of diverse companies including trucking, logging, mining, construction, general and specialty repair shops, dealerships, and government agencies including the park service, the state, county shops, city shops, and other state and federal agencies. Students entering with prior training from high school, military, or industry can challenge portions of the training program by examination and/or performance testing. Students must achieve competencies in course work before moving to the next instructional area. Shop experience is combined with related theory. A specified set of tools is required upon entry. The tool list can be found on the program website.

All students will be subject to a Driver's License Validation check and must hold a valid driver's license while enrolled in the mechanics programs. This program has physical requirements that may affect the student's ability to perform in this program.

Entrance requirements for Advanced Technical Certificate (ATC) degree seeking students include:

- A valid driver's license with no DUI conviction within the past year.
- ALEKS score of 14 or higher in Math and Writing Placement Exam score of 2 or higher, or qualify for MTHPT-103 and ENGL-101.
- Physical recommendations as listed on US Bureau of Labor Statistics for Diesel Technology.

Upon completion of the Advanced Technical Certificate, the student will possess skills in:

- Application of shop and industry safety procedures
- Develop a safety attitude, use and identify personal protective equipment, understand fire safety, and material handling
- Understand terminology; knowledge of tools and equipment; knowledge of CDL operation; use of scan tools and diagnostic tools
- Certification in forklift and crane operation
- Evaluation of diesel engine performance
- Engine identification and external component identification
- Familiar with Power Trains systems; able to disassemble and reassemble PowerShift transmissions, straight gear transmissions, drive lines, differentials, and clutches
- Able to troubleshoot and repair various engine systems such as engine brakes, emission controls, evolving hybrids, electrical, and multiplexing.
- Knowledge of theory and operation of various systems
- Learn the basic operation and function of air brakes, chassis, and suspension systems
- Understand hydraulic schematics; diagnosing and repairing hydraulic systems
- A/C systems students will receive MACS A/C Certification
- Knowledge of DOT compliance
- Obtain Commercial Driver's License Training (CDL)

## Advanced Technical Certificate Requirements

Code	Title	Credits
<b>General Education Core</b>		
Select one of the following:		3.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ART-100	INTRODUCTION TO ART	
ECON-201	PRINCIPLES OF MACROECONOMICS	

ECON-202	PRINCIPLES OF MICROECONOMICS
ENGL-175	LITERATURE AND IDEAS
ENGL-257	WORLD CLASSICS
ENGL-258	INTERNATIONAL LITERATURE
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE
HUM-150	INTRODUCTION TO THE ARTS
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS
THEA-101	SURVEY OF THE THEATER

**Total Credits****3.00**

## Program Requirements

Code	Title	Credits
<b>Technical Component</b>		
DSLTC-102	ELECTRICAL SYSTEMS (or DSLTC-102A, DSLTC-102B and DSLTC-102C)	6.00
DSLTC-103	POWER TRAINS LECTURE AND LAB	6.00
DSLTC-105	DIESEL ENGINES	6.00
DSLTC-126	SAFETY	2.00
DSLTC-200	SHOP SKILLS AND CLIMATE CONTROL	6.00
DSLTC-210	HYDRAULICS	6.00
DSLTC-220	DIESEL ENGINE FUEL SYSTEMS AND TUNE-UP	6.00
DSLTC-230	POWER TRAINS	6.00
DSLTC-240	CHASSIS, SUSPENSION AND AIRBRAKES	6.00
MTHPT-103	APPLIED ALGEBRA	3.00
<b>Total Credits</b>		<b>53.00</b>

## Diesel Technology ITC

The Diesel Technology Program provides a well-rounded education in the service and repair of trucks and heavy equipment related to areas including farming, logging, marine, locomotive, and construction. A specified set of tools is required upon entry. The tool list can be found on the program website.

Students are provided theory in shop practice, diesel engines, safety, hydraulics, DC electrical systems and microcomputers, power trains, brakes, and chassis and suspension. The student will also receive comprehensive safety training applicable to the work environment. Diesel technician positions can be found in all areas and locations in the world. Work includes both indoor and outdoor opportunities. All students will be subject to a Driver's License Validation check and must hold a valid driver's license while enrolled in the mechanics programs. This program has physical requirements that may affect the student's ability to perform in this program.

Entrance requirements for Intermediate Technical Certificate (ITC) degree seeking students include:

- A valid driver's license with no DUI conviction within the past year.
- Physical recommendations as listed on US Bureau of Labor Statistics for Diesel Technology.
- ALEKS score in math of 14 or higher and Writing Placement Exam score of 2 or higher or qualify for MTHPT-103 and ENGL-101.

Upon completion of the Intermediate Technical Certificate, the student will possess skills in:

- Application of shop and industry safety procedures
- Develop a safety attitude, use and identify personal protective equipment, understand fire safety, and material handling
- Understand terminology; knowledge of tools and equipment; knowledge of CDL operation; use of scan tools and diagnostic tools
- Certification in forklift and crane operation
- Evaluation of diesel engine performance
- Engine identification and external component identification
- Familiar with Power Trains systems; able to disassemble and reassemble PowerShift transmissions, straight gear transmissions, drive lines, differentials, and clutches
- Able to troubleshoot and repair various engine systems such as engine brakes, emission controls, evolving hybrids, electrical, and multiplexing.
- Knowledge of theory and operation of various systems
- Learn the basic operation and function of air brakes, chassis, and suspension systems
- Understand hydraulic schematics; diagnosing and repairing hydraulic systems
- A/C systems students will receive MACS A/C Certification
- Knowledge of DOT compliance
- Obtain Commercial Driver's License Training (CDL)

## Intermediate Technical Certificate Requirements

Code	Title	Credits
<b>General Education Core</b>		
<b>Humanistic &amp; Artistic/Social &amp; Behavioral Ways of Knowing</b>		
Select one of the following:		3.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ART-100	INTRODUCTION TO ART	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT/SS-184	DIVERSITY IN ORGANIZATIONS	
HRPT/SS-185	HUMAN RELATIONS IN ORGANIZATIONS	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
POLS-101	AMERICAN NATIONAL GOVERNMENT	
POLS-237	INTERNATIONAL POLITICS	
POLS-285	COMPARATIVE GOVERNMENT	
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SOC-102	SOCIAL PROBLEMS	
<b>Total Credits</b>		<b>3.00</b>



## Program Requirements

Code	Title	Credits
<b>Technical Core</b>		
MTHPT-103	APPLIED ALGEBRA	3.00
DSLTC-126	SAFETY	2.00
<b>Program Requirements</b>		
Select 24 credits from the following:		24.00
DSLTC-102	ELECTRICAL SYSTEMS (or DSLTC-102A, DSLTC-102B and DSLTC-102C)	
DSLTC-105	DIESEL ENGINES	
DSLTC-200	SHOP SKILLS AND CLIMATE CONTROL	
DSLTC-210	HYDRAULICS	
DSLTC-220	DIESEL ENGINE FUEL SYSTEMS AND TUNE-UP	
DSLTC-230	POWER TRAINS	
DSLTC-240	CHASSIS, SUSPENSION AND AIRBRAKES	
DSLTC-103	POWER TRAINS LECTURE AND LAB	
<b>Total Credits</b>		<b>29.00</b>

## Electrical Apprenticeship AAS

This major/degree is intended for those who are actively employed in the trade. Contact the Technical and Industrial Division for details on pursuing this degree.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
<b>Oral Communication</b>		
Select one of the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
MTHPT-137	MATH FOR TECHNOLOGY	4.00
<b>Social &amp; Behavioral Ways of Knowing</b>		
Select one of the following:		3.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	
POLS-101	AMERICAN NATIONAL GOVERNMENT	
POLS-237	INTERNATIONAL POLITICS	
POLS-285	COMPARATIVE GOVERNMENT	
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	

SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS

**Additional General Education Core**

Select one of the following: 3.00-5.00

ANTH-360	RACE AND ETHNICITY
ART-100	INTRODUCTION TO ART
BIOF-100	INTRODUCTION TO BIOINFORMATICS
BIOL-100	CONCEPTS OF BIOLOGY
BIOL-120	PLANTS AND PEOPLE
BIOL-123	BIOLOGY IN FILM
BIOL-175	HUMAN BIOLOGY
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I
CHEM-100	CONCEPTS OF CHEMISTRY
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY
CHEM-111	PRINCIPLES OF CHEMISTRY I
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE
COMM-345	INTERCULTURAL COMMUNICATION
CS-108	INTRODUCTION TO COMPUTER SCIENCE
ENGL-175	LITERATURE AND IDEAS
ENGL-257	WORLD CLASSICS
ENGL-258	INTERNATIONAL LITERATURE
ENGL-260	NATIVE AMERICAN LITERATURE
ENGL-261	MYTHOLOGIES
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOL-101	PHYSICAL GEOLOGY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE
HUM-150	INTRODUCTION TO THE ARTS
ID-240	INTEGRATED SCIENCE II
ID-300C	ETHICS AND IDENTITY
ID-301A	HELLS CANYON INSTITUTE
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
MUS-101	SURVEY OF MUSIC
MUS-102	MUSIC IN AMERICA
MUS-150	WORLD MUSIC
MUS-151	HISTORY OF MUSICAL THEATER
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
NS-140	INTEGRATED SCIENCE I
NS-150	INTRODUCTION TO NATURAL SCIENCES
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR
PHYS-111	GENERAL PHYSICS I
or PHYS-112	GENERAL PHYSICS II
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS
PHYS-205	DESCRIPTIVE ASTRONOMY
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I
SPAN-101	ELEMENTARY SPANISH I

SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS
THEA-101	SURVEY OF THE THEATER

**Total Credits****16.00-18.00**

## Program Requirements

Code	Title	Credits
<b>Technical Support Courses</b>		
ELAPR-100	ELECTRICAL THEORY IA	3.00
ELAPR-101	ELECTRICAL THEORY IB	3.00
ELAPR-102	ELECTRICAL THEORY IIA	3.00
ELAPR-103	ELECTRICAL THEORY IIB	3.00
ELAPR-200	ELECTRICAL THEORY IIIA	3.00
ELAPR-201	ELECTRICAL THEORY IIIB	3.00
ELAPR-202	ELECTRICAL THEORY IVA	3.00
ELAPR-203	ELECTRICAL THEORY IVB	3.00
<b>Technical Core</b>		
ELAPR-104	ELEC YEAR 1	10.00
ELAPR-105	ELEC YEAR II	10.00
ELAPR-204	ELEC YEAR III	10.00
ELAPR-205	ELEC YEAR IV	10.00
<b>Total Credits</b>		<b>64.00</b>

## Engineering Technology AAS

The Engineering Technology Program offers Associate degrees preparing students for a broad range of industries. Using the latest equipment and technology, students can choose from a range of emphasis areas including Civil, GIS, Mechanical, or a mix of all three in our Traditional program. Skills are introduced and developed for surveying, mapping, drone operation (Civil & GIS options), solid modeling with 3-D printing, CNC machining (Mechanical option), geographical information systems, image processing (GIS option), or structural and architectural concepts (Traditional option).

Engineering Technology faculty maintain close contact with industry leaders tracking the latest advancements and technologies as well as providing opportunities for students. Field trips to manufacturing and construction sites in addition to ample opportunities for hands-on training through real-world and service learning projects are woven through the curriculum. Internship opportunities with industry partners can also be combined with academic credit to complete the degree. The Engineering Technology program combines laboratory experience with general education to provide a well-rounded, career-ready experience.

Entrance requirements for degree seeking students in the Engineering Technology program include:

- ALEKS score of 30 or higher in Math (Algebra), Writing Placement Exam score of 2 or higher, or qualify for MTHPT-137 and ENGL-101.
- Enrollment priority will be given students on the basis of student's enrollment date

Upon completion of the Engineering Technology A.A.S. degree, the student will possess technical skills in chosen areas that may include:

### General knowledge:

- Combine general education with laboratory experience and "hands-on" learning
- Be prepared for the time commitment and professionalism of a workplace setting
- Enhancement of professional communication skills
- Oral and written communication skills required in an engineering office.
- Basic math, physics and problem-solving skills
- Enter the engineering field with technical knowledge and skills in various specialized fields (Mechanical, Civil, Surveying, Architectural, GIS)
- Explore a variety of careers associated with Engineering Technology
- Enter into a co-operative professional/technical internship with local employers upon approval from the program advisor
- Obtain entry-level skills and experience in computers and computer terminology as it relates to engineering documentation

- Able to identify and use drafting instruments; letter, using common practices; draft and dimension geometric figures; define and draft orthographic & isometric projections
- Able to develop auxiliary views; determine points of intersection; draft developments and working drawings
- Ability to use Computer Aided Machine Drafting solid modeling with an emphasis in machining processes
- Have a broad understanding of processes used to produce marketable goods

**Civil Emphasis:**

- Understand civil technology including civil drafting, basic surveying, and mapping procedures
- Perform basic civil design functions such as surface and contour creation, grading and drainage plans, alignment layout, profiles, pipe networks and detail drawings
- Knowledge of fundamental surveying concepts and practices; topographic surveying and mapping; boundary surveys; construction surveying
- Knowledge of earthwork and volumes; global positioning systems and geographic information systems

**Traditional Emphasis:**

- Knowledge of fundamental architectural and structural drafting methods and organization; use of the American Institute of Architects Architectural Graphic Standards
- Understand civil technology including civil drafting, basic surveying, and mapping procedures

**Mechanical Emphasis:**

- Understanding of creation and use of 3-D primitives, surface modeling, basic solids modeling, shading techniques, and the use of rendering and animation software
- Skilled in the use of SolidWorks parametric (3D) design software
- Knowledge of the elementary principles of Computer Aided Design and Computer Aided Machining

**Geographic Information Systems Emphasis:**

- Understand civil technology including civil drafting, basic surveying, and mapping procedures
- Perform basic civil design functions such as surface and contour creation, grading and drainage plans, alignment layout, profiles, pipe networks and detail drawings using current CAD and GIS technology
- Knowledge of fundamental surveying concepts and practices; topographic surveying and mapping; boundary surveys; construction surveying
- Knowledge of earthwork and volumes; global positioning systems and geographic information systems
- Knowledge of remote sensing as related to surveying practices, skilled in the use of industry-standard GIS programs; perform GIS related activities for mobile data collection and surveying.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
<b>Oral Communication</b>		
Select one of the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
MTHPT-137	MATH FOR TECHNOLOGY	4.00
<b>Social &amp; Behavioral Ways of Knowing</b>		
Select one of the following:		3.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	

HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS

**Additional General Education Core**

Select one of the following: 3.00-5.00

ANTH-360	RACE AND ETHNICITY
ART-100	INTRODUCTION TO ART
BIOF-100	INTRODUCTION TO BIOINFORMATICS
BIOL-100	CONCEPTS OF BIOLOGY
BIOL-120	PLANTS AND PEOPLE
BIOL-123	BIOLOGY IN FILM
BIOL-175	HUMAN BIOLOGY
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I
CHEM-100	CONCEPTS OF CHEMISTRY
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY
CHEM-111	PRINCIPLES OF CHEMISTRY I
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE
COMM-345	INTERCULTURAL COMMUNICATION
CS-108	INTRODUCTION TO COMPUTER SCIENCE
ENGL-175	LITERATURE AND IDEAS
ENGL-257	WORLD CLASSICS
ENGL-258	INTERNATIONAL LITERATURE
ENGL-260	NATIVE AMERICAN LITERATURE
ENGL-261	MYTHOLOGIES
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOL-101	PHYSICAL GEOLOGY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE
HUM-150	INTRODUCTION TO THE ARTS
ID-240	INTEGRATED SCIENCE II
ID-300C	ETHICS AND IDENTITY
ID-301A	HELLS CANYON INSTITUTE
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
MUS-101	SURVEY OF MUSIC
MUS-102	MUSIC IN AMERICA
MUS-150	WORLD MUSIC
MUS-151	HISTORY OF MUSICAL THEATER
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES
NP-101	NEZ PERCE LANGUAGE AND CULTURE

NP-102	NEZ PERCE LANGUAGE AND HISTORY
NS-140	INTEGRATED SCIENCE I
NS-150	INTRODUCTION TO NATURAL SCIENCES
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR
PHYS-111	GENERAL PHYSICS I
or PHYS-112	GENERAL PHYSICS II
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS
PHYS-205	DESCRIPTIVE ASTRONOMY
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS
THEA-101	SURVEY OF THE THEATER

**Total Credits****16.00-18.00**

## Program Requirements

### Engineering Technology - Civil

Code	Title	Credits
ENGTE-106	DRAFTING FUNDAMENTALS	6.00
ENGTE-107	ENGINEERING TECHNOLOGY DISCIPLINES	2.00
ENGTE-135	APPLIED PHYSICS	4.00
ENGTE-154	INTRODUCTION TO COMPUTER DRAFTING	4.00
ENGTE-171	INTRODUCTION TO GEOSPATIAL TECHNOLOGIES	2.00
ENGTE-201	CIVIL DRAFTING	3.00
ENGTE-202	INTRODUCTION TO SURVEY	3.00
ENGTE-205	ADVANCED CIVIL DRAFTING AND DESIGN	4.00
ENGTE-209	ADVANCED SURVEYING	4.00
ENGTE-211	UNMANNED AERIAL SYSTEM SURVEYING	2.00
ENGTE-221	GLOBAL POSITIONING CONCEPTS AND APPLICATIONS	3.00
ENGTE-246	CONSTRUCTION AND MANUFACTURING TECHNOLOGY	2.00
Elective Credit		7.00

Choose from the following:

CS-108	INTRODUCTION TO COMPUTER SCIENCE
CS-111	FOUNDATIONS OF PROGRAMMING
CS-226	SQL: STRUCTURED QUERY LANGUAGE
ENGTE-125	3D CAD MODELING I
ENGTE-203	UNMANNED AERIAL SYSTEMS AND IMAGERY FUNDAMENTALS
ENGTE-206	RESIDENTIAL ARCHITECTURAL DRAFTING
ENGTE-207	STRUCTURAL DRAFTING
ENGTE-225	3-D CAD MODELING II
ENGTE-272	ADVANCED GIS AND APPLICATIONS
ENGTE-273	REMOTE SENSING AND APPLICATIONS
ENGTE-290	DIRECTED STUDY IN ENGINEERING TECHNOLOGY
ENGTE-294	INTERNSHIP IN ENGINEERING TECHNOLOGY

**Total Credits****46.00**

### Engineering Technology - Geographic Information System

Code	Title	Credits
ENGTE-106	DRAFTING FUNDAMENTALS	6.00
ENGTE-107	ENGINEERING TECHNOLOGY DISCIPLINES	2.00
ENGTE-135	APPLIED PHYSICS	4.00
ENGTE-154	INTRODUCTION TO COMPUTER DRAFTING	4.00
ENGTE-171	INTRODUCTION TO GEOSPATIAL TECHNOLOGIES	2.00
ENGTE-201	CIVIL DRAFTING	3.00
ENGTE-202	INTRODUCTION TO SURVEY	3.00
ENGTE-205	ADVANCED CIVIL DRAFTING AND DESIGN	4.00
ENGTE-209	ADVANCED SURVEYING	4.00
ENGTE-211	UNMANNED AERIAL SYSTEM SURVEYING	2.00
ENGTE-221	GLOBAL POSITIONING CONCEPTS AND APPLICATIONS	3.00
ENGTE-246	CONSTRUCTION AND MANUFACTURING TECHNOLOGY	2.00
ENGTE-272	ADVANCED GIS AND APPLICATIONS	3.00
ENGTE-273	REMOTE SENSING AND APPLICATIONS	3.00
Elective Credit		10.00
<b>Total Credits</b>		<b>55.00</b>

### Engineering Technology - Mechanical

Code	Title	Credits
ENGTE-106	DRAFTING FUNDAMENTALS	6.00
ENGTE-107	ENGINEERING TECHNOLOGY DISCIPLINES	2.00
ENGTE-125	3D CAD MODELING I	3.00
ENGTE-131	MECHANICAL DRAFTING	4.00
ENGTE-135	APPLIED PHYSICS	4.00
ENGTE-171	INTRODUCTION TO GEOSPATIAL TECHNOLOGIES	2.00
ENGTE-154	INTRODUCTION TO COMPUTER DRAFTING	4.00
ENGTE-225	3-D CAD MODELING II	4.00
ENGTE-227	CAD/CAM	3.00
ENGTE-231	GD&T APPLICATION & INTERPRETATION	3.00
ENGTE-241	INTRODUCTION TO MACHINING	3.00
ENGTE-243	ADVANCED MACHINING	3.00
ENGTE-246	CONSTRUCTION AND MANUFACTURING TECHNOLOGY	2.00
ENGTE-261	3-D ASSEMBLIES & AUTOMATION	3.00
<b>Total Credits</b>		<b>46.00</b>

### Engineering Technology - Traditional

Code	Title	Credits
ENGTE-106	DRAFTING FUNDAMENTALS	6.00
ENGTE-107	ENGINEERING TECHNOLOGY DISCIPLINES	2.00
ENGTE-125	3D CAD MODELING I	3.00
ENGTE-131	MECHANICAL DRAFTING	4.00
ENGTE-135	APPLIED PHYSICS	4.00
ENGTE-154	INTRODUCTION TO COMPUTER DRAFTING	4.00
ENGTE-171	INTRODUCTION TO GEOSPATIAL TECHNOLOGIES	2.00
ENGTE-201	CIVIL DRAFTING	3.00
ENGTE-202	INTRODUCTION TO SURVEY	3.00
ENGTE-246	CONSTRUCTION AND MANUFACTURING TECHNOLOGY	2.00
ENGTE-206	RESIDENTIAL ARCHITECTURAL DRAFTING	4.00
ENGTE-207	STRUCTURAL DRAFTING	4.00

Elective Credit	3.00
<b>Total Credits</b>	<b>44.00</b>

## Sequential Plan of Study Engineering Technology - Civil

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ENGTE-105	DRAFTING PRINCIPLES	9.00
ENGTE-154	INTRODUCTION TO COMPUTER DRAFTING	4.00
MTHPT-137	MATH FOR TECHNOLOGY	4.00
<b>Credits</b>		<b>17.00</b>
<b>Spring</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
ENGTE-130	COMPUTER AIDED MACHINE DRAFTING	9.00
ENGTE-135	APPLIED PHYSICS	3.00
ENGTE-246	CONSTRUCTION AND MANUFACTURING TECHNOLOGY	2.00
<b>Credits</b>		<b>17.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Oral Communication	3.00
ENGTE-204	CIVIL TECHNOLOGY	9.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
CORE	Social & Behavioral Ways of Knowing	3.00
CORE	Additional General Education Course	3.00
ENGTE-205	ADVANCED CIVIL DRAFTING AND DESIGN	5.00
ENGTE-209	ADVANCED SURVEYING	5.00
<b>Credits</b>		<b>16.00</b>
<b>Total Credits</b>		<b>65.00</b>

## Engineering Technology - Geographic Information System

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ENGTE-154	INTRODUCTION TO COMPUTER DRAFTING	4.00
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS	4.00
MTHPT-137	MATH FOR TECHNOLOGY (or other approved math course)	4.00
Elective	Elective Credits	4.00
<b>Credits</b>		<b>16.00</b>
<b>Spring</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
ENGTE-135	APPLIED PHYSICS	3.00
GIS-471	ADVANCED GEOGRAPHIC INFORMATION SCIENCE	4.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>16.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Oral Communication	3.00



ENGTE-204	CIVIL TECHNOLOGY	9.00
GIS-481	DIGITAL REMOTE SENSING	4.00
<b>Credits</b>		<b>16.00</b>
<b>Spring</b>		
CORE	Social & Behavioral Ways of Knowing	3.00
CORE	Additional General Elective Course	3.00
ENGTE-205	ADVANCED CIVIL DRAFTING AND DESIGN	5.00
ENGTE-209	ADVANCED SURVEYING	5.00
<b>Credits</b>		<b>16.00</b>
<b>Total Credits</b>		<b>64.00</b>

## Engineering Technology - Mechanical

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ENGTE-105	DRAFTING PRINCIPLES	9.00
ENGTE-154	INTRODUCTION TO COMPUTER DRAFTING	4.00
MTHPT-137	MATH FOR TECHNOLOGY	4.00
<b>Credits</b>		<b>17.00</b>
<b>Spring</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
ENGTE-130	COMPUTER AIDED MACHINE DRAFTING	9.00
ENGTE-135	APPLIED PHYSICS	3.00
ENGTE-246	CONSTRUCTION AND MANUFACTURING TECHNOLOGY	2.00
<b>Credits</b>		<b>17.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Oral Communication	3.00
ENGTE-225	3-D CAD MODELING II	5.00
ENGTE-241	INTRODUCTION TO MACHINING	4.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
ENGTE-227	CAD/CAM	5.00
ENGTE-243	ADVANCED MACHINING	4.00
CORE	Social & Behavioral Ways of Knowing	3.00
CORE	Additional General Elective Course	3.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>64.00</b>

## Engineering Technology - Traditional

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ENGTE-105	DRAFTING PRINCIPLES	9.00
ENGTE-154	INTRODUCTION TO COMPUTER DRAFTING	4.00
MTHPT-137	MATH FOR TECHNOLOGY	4.00
<b>Credits</b>		<b>17.00</b>
<b>Spring</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
ENGTE-130	COMPUTER AIDED MACHINE DRAFTING	9.00

ENGTE-135	APPLIED PHYSICS	3.00
ENGTE-246	CONSTRUCTION AND MANUFACTURING TECHNOLOGY	2.00
<b>Credits</b>		<b>17.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Oral Communication	3.00
ENGTE-204	CIVIL TECHNOLOGY	9.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
ENGTE-208	ARCHITECTURAL AND STRUCTURAL DRAFTING	9.00
CORE	Social & Behavioral Ways of Knowing	3.00
CORE	Additional General Education Course	3.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>64.00</b>

Graduates from Engineering Technology programs go on to obtain careers in a variety of fields:

- Civil Engineering Technician
- Electro-Mechanical Engineering Technician
- Industrial Engineering Technician
- Mechanical Engineering Technician
- Geographical Informational Systems Technician
- Architectural Drafting Technician
- Mechanical Drafter
- Surveying Technician
- Senior Drafter/Designer
- Civil Drafter
- Mechanical Drafter
- Mechanical Designer/Machinists

## Heating, Venting, Air Conditioning, and Refrigeration Technology AAS

The Heating, Venting, Air Conditioning, and Refrigeration (HVACR) Technology Program prepares students with training in the heating, air conditioning, ventilation, and refrigeration field, both commercial and residential. Skills learned will enable graduates to choose from a variety of occupations such as service, installation, design and maintenance. Program flexibility allows students to enter at their existing level of competency and continue training to an employable skill level. Classroom instruction is provided in basic electricity, hydronic heating, commercial refrigeration, gas and oil heating systems, air conditioning, and general maintenance skills. Emphasis is placed on developing a logical approach to servicing, troubleshooting, and repair through directed practice.

Nationally accredited through HVAC Excellence. Articulation agreement with the United Association Union of Plumbers, Fitters, Welders and Service Technicians. Approved program with the Idaho Division of Building Safety.

Entrance Requirements:

- Program has semester admittance (Fall and Spring)
- The prospective students must have a current valid driver's license while enrolled in the program and have no DUI's in the past 12 months
- Enrollment priority is on a first-come, first-served basis as determined by the student's faculty advising date
- Aleks score in Math of 14 or higher, Writing Placement Exam of 2 or higher, or qualify for MTHPT-103 and ENGL-101.

Upon completion of the AAS degree, the student will possess technical skills in:

- Knowledge of residential, commercial, and industrial HVACR systems
- Application of systematic and analytical troubleshooting processes
- Analysis of the properties of air, refrigerants and fuels
- Application of safety procedures
- Evaluation of energy usage and cost reduction strategies

- Comprehension of energy transfer in the form of heat, electricity, and kinetic motion
- Knowledge in plumbing, electrical, mechanical and structural trades
- Analysis of international, state, and local building codes
- Application of HVACR service, installation, maintenance, and design procedures
- Evaluation of system performance

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
<b>Oral Communication</b>		
Select one of the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
MTHPT-137	MATH FOR TECHNOLOGY	4.00
<b>Social &amp; Behavioral Ways of Knowing</b>		
Select one of the following:		3.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	
POLS-101	AMERICAN NATIONAL GOVERNMENT	
POLS-237	INTERNATIONAL POLITICS	
POLS-285	COMPARATIVE GOVERNMENT	
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SOC-102	SOCIAL PROBLEMS	
SS-184	DIVERSITY IN ORGANIZATIONS	
SS-185	HUMAN RELATIONS IN ORGANIZATIONS	
<b>Additional General Education Core</b>		
Select one of the following:		3.00-5.00
ANTH-360	RACE AND ETHNICITY	
ART-100	INTRODUCTION TO ART	
BIOF-100	INTRODUCTION TO BIOINFORMATICS	
BIOL-100	CONCEPTS OF BIOLOGY	
BIOL-120	PLANTS AND PEOPLE	
BIOL-123	BIOLOGY IN FILM	
BIOL-175	HUMAN BIOLOGY	
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	
CHEM-100	CONCEPTS OF CHEMISTRY	
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	

CHEM-111	PRINCIPLES OF CHEMISTRY I
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE
COMM-345	INTERCULTURAL COMMUNICATION
CS-108	INTRODUCTION TO COMPUTER SCIENCE
ENGL-175	LITERATURE AND IDEAS
ENGL-257	WORLD CLASSICS
ENGL-258	INTERNATIONAL LITERATURE
ENGL-260	NATIVE AMERICAN LITERATURE
ENGL-261	MYTHOLOGIES
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOL-101	PHYSICAL GEOLOGY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE
HUM-150	INTRODUCTION TO THE ARTS
ID-240	INTEGRATED SCIENCE II
ID-300C	ETHICS AND IDENTITY
ID-301A	HELLS CANYON INSTITUTE
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
MUS-101	SURVEY OF MUSIC
MUS-102	MUSIC IN AMERICA
MUS-150	WORLD MUSIC
MUS-151	HISTORY OF MUSICAL THEATER
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
NS-140	INTEGRATED SCIENCE I
NS-150	INTRODUCTION TO NATURAL SCIENCES
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR
PHYS-111	GENERAL PHYSICS I
or PHYS-112	GENERAL PHYSICS II
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS
PHYS-205	DESCRIPTIVE ASTRONOMY
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS
THEA-101	SURVEY OF THE THEATER

**Total Credits****16.00-18.00**

## Program Requirements

Code	Title	Credits
<b>Technical Core</b>		
HVACR-115	BASIC ELECTRICITY	5.00
HVACR-120	HVAC PRINCIPLES	5.00
HVACR-130	TRADE SKILLS	5.00
HVACR-140	MECHANICAL SYSTEMS MAINTENANCE	5.00
HVACR-225	REFRIGERATION THEORY	5.00

HVACR-230	ADVANCED HVACR CONTROLS	5.00
HVACR-235	A/C SYSTEM DESIGN AND INSTALLATION	6.00
HVACR-240	DUCT FABRICATION	2.00
HVACR-250	GAS CODE REVIEW	2.00
HVACR-255	HEATING SYSTEMS	6.00
HVACR-260	MECHANICAL AND ELECTRICAL CODE REVIEW	2.00
HVACR-265	HYDRONIC SYSTEMS	2.00
HVACR-294	INTERNSHIP	2.00
<b>Total Credits</b>		<b>52.00</b>

## Sequential Plan of Study - Even Year

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
HVACR-115	BASIC ELECTRICITY	5.00
HVACR-225	REFRIGERATION THEORY	5.00
HVACR-230	ADVANCED HVACR CONTROLS	5.00
<b>Credits</b>		<b>18.00</b>
<b>Spring</b>		
CORE	Oral Communication	3.00
HVACR-120	HVAC PRINCIPLES	5.00
HVACR-235	A/C SYSTEM DESIGN AND INSTALLATION	6.00
HVACR-240	DUCT FABRICATION	2.00
HVACR-260	MECHANICAL AND ELECTRICAL CODE REVIEW	2.00
<b>Credits</b>		<b>18.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Social & Behavioral Ways of Knowing	3.00
HVACR-250	GAS CODE REVIEW	2.00
HVACR-255	HEATING SYSTEMS	6.00
HVACR-265	HYDRONIC SYSTEMS	2.00
MTHPT-137	MATH FOR TECHNOLOGY	4.00
<b>Credits</b>		<b>17.00</b>
<b>Spring</b>		
CORE	Additional General Education Course	3.00
HVACR-130	TRADE SKILLS	5.00
HVACR-140	MECHANICAL SYSTEMS MAINTENANCE	5.00
HVACR-294	INTERNSHIP	2.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>68.00</b>

## Sequential Plan of Study - Odd Year

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
HVACR-115	BASIC ELECTRICITY	5.00
HVACR-250	GAS CODE REVIEW	2.00
HVACR-255	HEATING SYSTEMS	6.00
HVACR-265	HYDRONIC SYSTEMS	2.00
<b>Credits</b>		<b>18.00</b>

**Spring**

CORE	Oral Communication	3.00
HVACR-120	HVAC PRINCIPLES	5.00
HVACR-130	TRADE SKILLS	5.00
HVACR-140	MECHANICAL SYSTEMS MAINTENANCE	5.00
<b>Credits</b>		<b>18.00</b>

**Second Year****Fall**

CORE	Social & Behavioral Ways of Knowing	3.00
HVACR-225	REFRIGERATION THEORY	5.00
HVACR-230	ADVANCED HVACR CONTROLS	5.00
MTHPT-137	MATH FOR TECHNOLOGY	4.00
<b>Credits</b>		<b>17.00</b>

**Spring**

CORE	Additional General Education Course	3.00
HVACR-235	A/C SYSTEM DESIGN AND INSTALLATION	6.00
HVACR-240	DUCT FABRICATION	2.00
HVACR-260	MECHANICAL AND ELECTRICAL CODE REVIEW	2.00
HVACR-294	INTERNSHIP	2.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>68.00</b>

View on YouTube (<https://www.youtube.com/watch?v=afy8pOfp9Wg>)

Graduates from Heating, Ventilation, Air Conditioning, and Refrigeration Technology go on to obtain careers in a variety of career fields:

- A/C Technician
- HVAC Installer
- HVAC Mechanic
- Service Technician
- Commercial Refrigeration Technician

## Heating, Venting, Air Conditioning, and Refrigeration Technology ATC

The Heating, Venting, Air Conditioning, and Refrigeration (HVACR) Technology Program prepares students with training in the heating, air conditioning, ventilation, and refrigeration field, both commercial and residential. Skills learned will enable graduates to choose from a variety of occupations such as service, installation, design and maintenance. Program flexibility allows students to enter at their existing level of competency and continue training to an employable skill level. Classroom instruction is provided in basic electricity, hydronic heating, commercial refrigeration, gas and oil heating systems, air conditioning, and general maintenance skills. Emphasis is placed on developing a logical approach to servicing, troubleshooting, and repair through directed practice.

Nationally accredited through HVAC Excellence. Articulation agreement with the United Association Union of Plumbers, Fitters, Welders and Service Technicians. Approved program with the Idaho Division of Building Safety.

Entrance Requirements:

- Program has semester admittance (Fall and Spring).
- The prospective students must have a current valid driver's license while enrolled in the program and have no DUI's in the past 12 months.
- Enrollment priority is on a first-come, first-served basis as determined by the student's faculty advising date.
- Aleks score in Math of 14 or higher, Writing Placement Exam of 2 or higher, or qualify for MTHPT-103 and ENGL-101.

Upon completion of the Advanced Technical Certificate, the student will possess technical skills in:

- Knowledge of residential, commercial, and industrial HVACR systems
- Application of systematic and analytical troubleshooting processes
- Analysis of the properties of air, refrigerants and fuels
- Application of safety procedures
- Evaluation of energy usage and cost reduction strategies

- Comprehension of energy transfer in the form of heat, electricity, and kinetic motion
- Knowledge in plumbing, electrical, mechanical and structural trades
- Analysis of international, state, and local building codes
- Application of HVACR service, installation, maintenance, and design procedures
- Evaluation of system performance

## Advanced Technical Certificate Requirements

Code	Title	Credits
<b>Program Requirement</b>		
MTHPT-103	APPLIED ALGEBRA	3.00
<b>Technical Core</b>		
HVACR-115	BASIC ELECTRICITY	5.00
HVACR-120	HVAC PRINCIPLES	5.00
HVACR-130	TRADE SKILLS	5.00
HVACR-140	MECHANICAL SYSTEMS MAINTENANCE	5.00
HVACR-225	REFRIGERATION THEORY	5.00
HVACR-230	ADVANCED HVACR CONTROLS	5.00
HVACR-235	A/C SYSTEM DESIGN AND INSTALLATION	6.00
HVACR-240	DUCT FABRICATION	2.00
HVACR-250	GAS CODE REVIEW	2.00
HVACR-255	HEATING SYSTEMS	6.00
HVACR-260	MECHANICAL AND ELECTRICAL CODE REVIEW	2.00
HVACR-265	HYDRONIC SYSTEMS	2.00
HVACR-294	INTERNSHIP	2.00
<b>Total Credits</b>		<b>55.00</b>

## Heating, Ventilation, and Air Conditioning Apprenticeship

This major/degree is intended for those who are actively employed in the trade. Contact the Technical and Industrial Division Office for specific information on this degree. NOTE: This description is consistent with the other apprenticeship A.A.S. degree options.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
<b>Oral Communication</b>		
Select one of the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
MTHPT-137	MATH FOR TECHNOLOGY	4.00
<b>Social &amp; Behavioral Ways of Knowing</b>		
Select one of the following:		3.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	

HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS

**Additional General Education Core**

Select one of the following: 3.00-5.00

ANTH-360	RACE AND ETHNICITY
ART-100	INTRODUCTION TO ART
BIOF-100	INTRODUCTION TO BIOINFORMATICS
BIOL-100	CONCEPTS OF BIOLOGY
BIOL-120	PLANTS AND PEOPLE
BIOL-123	BIOLOGY IN FILM
BIOL-175	HUMAN BIOLOGY
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I
CHEM-100	CONCEPTS OF CHEMISTRY
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY
CHEM-111	PRINCIPLES OF CHEMISTRY I
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE
COMM-345	INTERCULTURAL COMMUNICATION
CS-108	INTRODUCTION TO COMPUTER SCIENCE
ENGL-175	LITERATURE AND IDEAS
ENGL-257	WORLD CLASSICS
ENGL-258	INTERNATIONAL LITERATURE
ENGL-260	NATIVE AMERICAN LITERATURE
ENGL-261	MYTHOLOGIES
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOL-101	PHYSICAL GEOLOGY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE
HUM-150	INTRODUCTION TO THE ARTS
ID-240	INTEGRATED SCIENCE II
ID-300C	ETHICS AND IDENTITY
ID-301A	HELLS CANYON INSTITUTE
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
MUS-101	SURVEY OF MUSIC
MUS-102	MUSIC IN AMERICA
MUS-150	WORLD MUSIC
MUS-151	HISTORY OF MUSICAL THEATER
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
NS-140	INTEGRATED SCIENCE I



NS-150	INTRODUCTION TO NATURAL SCIENCES
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR
PHYS-111 or PHYS-112	GENERAL PHYSICS I GENERAL PHYSICS II
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS
PHYS-205	DESCRIPTIVE ASTRONOMY
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS
THEA-101	SURVEY OF THE THEATER

**Total Credits****16.00-18.00**

## Program Requirements

Code	Title	Credits
<b>Technical Core</b>		
HVAC-100	HVAC THEORY IA	3.00
HVAC-101	HVAC THEORY IB	3.00
HVAC-102	HVAC THEORY IIA	3.00
HVAC-103	HVAC THEORY IIB	3.00
HVAC-200	HVAC THEORY IIIA	3.00
HVAC-201	HVAC THEORY IIIB	3.00
HVAC-202	HVAC THEORY IVA	3.00
HVAC-203	HVAC THEORY IVB	3.00
HVAC-104	HVAC YEAR I	10.00
HVAC-105	HVAC YEAR II	10.00
HVAC-204	HVAC YEAR III	10.00
HVAC-205	HVAC YEAR IV	10.00
<b>Total Credits</b>		<b>64.00</b>

## Industrial Electronics Technology AAS

The Industrial Electronics Technology Program prepares students for work in installation, testing, and maintenance of electrical and electronic systems in industrial, scientific, and commercial facilities. The program also provides specific training in basic computer hardware and software, Programmable Logic Controllers (PLCs), motors and motor control systems, three-phase power distribution, and Human-Machine Interface (HMI) programming. Graduates are prepared to pursue jobs in areas such as manufacturing automation, electrical power distribution, protection systems, and other electrically-related fields.

The program offers both degrees and certificates. The Electronics Engineering Technology (EET) track emphasizes design, testing, and product development in electrical/electronic systems, while the Instrument Mechanic (IM) track emphasizes instrumentation and control systems found in continuous processing industries such as paper production, oil refining, and water treatment.

Potential positions include industrial electrician, instrument technician, power systems maintenance technician, electronic maintenance technician, process control technician, and electrical apprentice. Typical employers are engineering and manufacturing firms and utility companies.

Entrance requirements for students seeking enrollment in the Industrial Electronics program include:

- Students must score a 30 or higher in math on ALEKS and have a 2 or higher score on the Writing Placement Exam, or qualify for MTHPT-137 (<http://catalog.lcsc.edu/search/?P=MTHPT-137>) and either ENGL-101 (<http://catalog.lcsc.edu/search/?P=ENGL-101>) or ENGL-103 (<http://catalog.lcsc.edu/search/?P=ENGL-103>).
- Enrollment priority for students seeking entrance into the program is on a first-come first-serve basis as determined by the student's faculty advising date.

Successful completers will demonstrate the following:

- (1) COMMUNICATION and TEAMWORK – Accurately communicate ideas across a variety of media (oral, written, graphical) to both technical and non-technical audiences; Function effectively as a member of a technical team.
- (2) SELF-MANAGEMENT – Arrive on time and prepared; Work diligently until the job is done; Budget resources appropriately to achieve objectives.
- (3) SAFE WORK HABITS – Comply with relevant national, state, local, and college safety regulations when designing, prototyping, building, and testing systems.
- (4) ANALYSIS and DIAGNOSIS – Select and apply appropriate principles and techniques for both qualitative and quantitative circuit analysis; Devise and execute appropriate tests to evaluate electronic system performance; Identify root causes of electronic system malfunctions.
- (5) PROBLEM-SOLVING – Devise and implement solutions for technical problems appropriate to the discipline.
- (6) DOCUMENTATION – Interpret and create technical documents (e.g. electronic schematic diagrams, block diagrams, graphs, reports) relevant to the discipline.
- (7) INDEPENDENT LEARNING – Select and research information sources to learn new principles, technologies, and/or techniques.

Students may choose either the Instrument Mechanics (IM) track or the Electronic Engineering Technology (EET) track. The first two semesters' worth of technical courses are common to both tracks; part-time enrollment options also exist to give students more options and flexibility in their education.

The EET track emphasizes skills required to be an Electronics Technician in engineering, manufacturing, and telecommunications industries. After the common first-year courses in DC, AC, and Digital circuits (including basic PLC programming), the EET student goes on to study computer programming, advanced analog circuitry, radio-frequency circuits, electric power system control and protection, digital communications, and data acquisition systems. Successful completion of the EET track can open doors into industries like Electronics Manufacturing, Semiconductor Manufacturing, Energy & Utilities, Research and Development, Broadcasting, and Telecommunications. All technical coursework for this track is open-source and available online at: <https://www.ibiblio.org/kuphaldt/socratic/model/>

The IM track provides the solid technical foundation required to pursue a career as an Instrumentation Mechanic/Technician, or Instrumentation Controls Technician. After the common first-year courses in DC, AC, and Digital circuits (including basic PLC programming), the IM student goes on to study process indication measurements like pressure, level, temperature, flow, and chemical measurement. IM students also study control valves, motor control systems, PLC- and HMI-based control systems, and closed-loop controls. Successful completion of the IM track can open doors into industries like Energy & Utilities, Pulp & Paper, Biotech & Pharmaceutical, Chemical, Food & Beverage, Mining & Minerals, and Electronic Manufacturing.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
<b>Oral Communication</b>		
Select one of the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
MTHPT-137	MATH FOR TECHNOLOGY	4.00
<b>Social &amp; Behavioral Ways of Knowing</b>		
Select one of the following:		3.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	

HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS

**Additional General Education Core**

Select one of the following: 3.00-5.00

ANTH-360	RACE AND ETHNICITY
ART-100	INTRODUCTION TO ART
BIOF-100	INTRODUCTION TO BIOINFORMATICS
BIOL-100	CONCEPTS OF BIOLOGY
BIOL-120	PLANTS AND PEOPLE
BIOL-123	BIOLOGY IN FILM
BIOL-175	HUMAN BIOLOGY
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I
CHEM-100	CONCEPTS OF CHEMISTRY
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY
CHEM-111	PRINCIPLES OF CHEMISTRY I
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE
COMM-345	INTERCULTURAL COMMUNICATION
CS-108	INTRODUCTION TO COMPUTER SCIENCE
ENGL-175	LITERATURE AND IDEAS
ENGL-257	WORLD CLASSICS
ENGL-258	INTERNATIONAL LITERATURE
ENGL-260	NATIVE AMERICAN LITERATURE
ENGL-261	MYTHOLOGIES
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOL-101	PHYSICAL GEOLOGY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE
HUM-150	INTRODUCTION TO THE ARTS
ID-240	INTEGRATED SCIENCE II
ID-300C	ETHICS AND IDENTITY
ID-301A	HELLS CANYON INSTITUTE
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
MUS-101	SURVEY OF MUSIC
MUS-102	MUSIC IN AMERICA
MUS-150	WORLD MUSIC
MUS-151	HISTORY OF MUSICAL THEATER
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
NS-140	INTEGRATED SCIENCE I

NS-150	INTRODUCTION TO NATURAL SCIENCES	
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR	
PHYS-111	GENERAL PHYSICS I	
or PHYS-112	GENERAL PHYSICS II	
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS	
PHYS-205	DESCRIPTIVE ASTRONOMY	
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
SPAN-201	INTERMEDIATE SPANISH I	
SPAN-202	INTERMEDIATE SPANISH II	
SS-184	DIVERSITY IN ORGANIZATIONS	
SS-185	HUMAN RELATIONS IN ORGANIZATIONS	
THEA-101	SURVEY OF THE THEATER	
<b>Total Credits</b>		<b>16.00-18.00</b>

## Program Requirements

Code	Title	Credits
<b>AAS Degree</b>		
Select one of the following:		50.00
<b>Electronic Engineering Technician</b>		
IETTI-101	DC CIRCUIT THEORY	
IETTI-102	DC CIRCUIT PROJECTS	
IETTI-103	DC CIRCUIT EXPERIMENTS	
IETTI-104	AC CIRCUIT THEORY	
IETTI-105	AC CIRCUIT PROJECTS	
IETTI-112	AC CIRCUIT EXPERIMENTS	
IETTI-220	INTERMEDIATE ELECTRONICS PROJECTS	
IETTI-221	INTERMEDIATE ELECTRONICS EXPERIMENTS	
IETTI-222	INTERMEDIATE ELECTRONICS THEORY	
IETTI-223	ADVANCED ELECTRONICS THEORY	
IETTI-225	ADVANCED ELECTRONICS EXPERIMENTS	
IETTI-236	ADVANCED ELECTRONICS PROJECTS	
<b>Industrial Electronics Technology</b>		
IETTI-101	DC CIRCUIT THEORY	
IETTI-102	DC CIRCUIT PROJECTS	
IETTI-103	DC CIRCUIT EXPERIMENTS	
IETTI-104	AC CIRCUIT THEORY	
IETTI-105	AC CIRCUIT PROJECTS	
IETTI-108	INTRODUCTION TO PLC'S	
IETTI-112	AC CIRCUIT EXPERIMENTS	
IETTI-201	INTRO TO INSTRUMENTATION	
IETTI-204	PROGRAMMING HUMAN MACHINE INTERFACES (HMI)	
IETTI-205	ELECTRIC MOTORS, DRIVES AND CONTROLS	
IETTI-207	PROGRAM AND TROUBLESHOOT PLC'S	
IETTI-208	PLC'S SYSTEMS APPLICATIONS	
IETTI-236	ADVANCED ELECTRONICS PROJECTS	
<b>Instrument Mechanic</b>		
IETTI-101	DC CIRCUIT THEORY	
IETTI-102	DC CIRCUIT PROJECTS	
IETTI-103	DC CIRCUIT EXPERIMENTS	
IETTI-104	AC CIRCUIT THEORY	

IETTI-105	AC CIRCUIT PROJECTS	
IETTI-108	INTRODUCTION TO PLC'S	
IETTI-110	BASIC DC CIRCUIT LAB	
IETTI-201	INTRO TO INSTRUMENTATION	
IETTI-204	PROGRAMMING HUMAN MACHINE INTERFACES (HMI)	
IETTI-205	ELECTRIC MOTORS, DRIVES AND CONTROLS	
IETTI-207	PROGRAM AND TROUBLESHOOT PLC'S	
IETTI-208	PLC'S SYSTEMS APPLICATIONS	
IETTI-211	ADVANCED INSTRUMENTATION	
<b>Total Credits</b>		<b>50.00</b>

## Sequential Plan of Study Industrial Electronics Technology

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
IETTI-101	DC CIRCUIT THEORY	4.00
IETTI-102	DC CIRCUIT PROJECTS	4.00
IETTI-103	DC CIRCUIT EXPERIMENTS	4.00
IETTI-110	BASIC DC CIRCUIT LAB	2.00
IETTI-205	ELECTRIC MOTORS, DRIVES AND CONTROLS	4.00
<b>Credits</b>		<b>18.00</b>
<b>Spring</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
IETTI-104	AC CIRCUIT THEORY	4.00
IETTI-105	AC CIRCUIT PROJECTS	4.00
IETTI-112	AC CIRCUIT EXPERIMENTS	3.00
MTHPT-137	MATH FOR TECHNOLOGY	4.00
<b>Credits</b>		<b>18.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Social & Behavioral Ways of Knowing	3.00
CORE	Oral Communication	3.00
IETTI-106	Course IETTI-106 Not Found	4.00
IETTI-108	INTRODUCTION TO PLC'S	4.00
IETTI-201	INTRO TO INSTRUMENTATION	4.00
<b>Credits</b>		<b>18.00</b>
<b>Spring</b>		
CORE	Additional General Elective Course	3.00
IETTI-204	PROGRAMMING HUMAN MACHINE INTERFACES (HMI)	4.00
IETTI-207	PROGRAM AND TROUBLESHOOT PLC'S	4.00
IETTI-208	PLC'S SYSTEMS APPLICATIONS	4.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>69.00</b>

## Electronic Engineering Technician

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
IETTI-101	DC CIRCUIT THEORY	4.00

IETTI-102	DC CIRCUIT PROJECTS	4.00
IETTI-103	DC CIRCUIT EXPERIMENTS	4.00
MTHPT-137	MATH FOR TECHNOLOGY	4.00
<b>Credits</b>		<b>19.00</b>
<b>Spring</b>		
IETTI-104	AC CIRCUIT THEORY	4.00
IETTI-105	AC CIRCUIT PROJECTS	4.00
IETTI-112	AC CIRCUIT EXPERIMENTS	3.00
CORE	Oral Communication	3.00
<b>Credits</b>		<b>14.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Social & Behavioral Ways of Knowing	3.00
IETTI-220	INTERMEDIATE ELECTRONICS PROJECTS	4.00
IETTI-221	INTERMEDIATE ELECTRONICS EXPERIMENTS	4.00
IETTI-222	INTERMEDIATE ELECTRONICS THEORY	4.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
CORE	Additional General Elective Course	3.00
IETTI-106	Course IETTI-106 Not Found	4.00
IETTI-223	ADVANCED ELECTRONICS THEORY	4.00
IETTI-225	ADVANCED ELECTRONICS EXPERIMENTS	4.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>63.00</b>

## Instrument Mechanic

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
IETTI-101	DC CIRCUIT THEORY	4.00
IETTI-102	DC CIRCUIT PROJECTS	4.00
IETTI-103	DC CIRCUIT EXPERIMENTS	4.00
IETTI-110	BASIC DC CIRCUIT LAB	2.00
MTHPT-137	MATH FOR TECHNOLOGY	4.00
<b>Credits</b>		<b>18.00</b>
<b>Spring</b>		
CORE	Oral Communication	3.00
IETTI-104	AC CIRCUIT THEORY	4.00
IETTI-105	AC CIRCUIT PROJECTS	4.00
ENGL-101	WRITING AND RHETORIC I	3.00
<b>Credits</b>		<b>14.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Social & Behavioral Ways of Knowing	3.00
IETTI-108	INTRODUCTION TO PLC'S	4.00
IETTI-201	INTRO TO INSTRUMENTATION	4.00
IETTI-205	ELECTRIC MOTORS, DRIVES AND CONTROLS	4.00
IETTI-211	ADVANCED INSTRUMENTATION	4.00
<b>Credits</b>		<b>19.00</b>
<b>Spring</b>		
CORE	Additional General Education Course	3.00
IETTI-204	PROGRAMMING HUMAN MACHINE INTERFACES (HMI)	4.00

IETTI-207	PROGRAM AND TROUBLESHOOT PLC'S	4.00
IETTI-208	PLC'S SYSTEMS APPLICATIONS	4.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>66.00</b>

View on YouTube (<https://www.youtube.com/watch?v=t8l1dDuPgnE>)

Graduates from Industrial Electronics Technology programs go on to obtain careers in a variety of fields:

- Industrial-Electrical Technician
- Instrument Technician
- Power Systems Maintenance Technician
- Electronic Maintenance Technician
- Process Control Technician
- Electrical Apprentice
- Research and Development
- Electronics Equipment Analyst
- Programming Technician
- Manufacturing Technician

## Industrial Electronics Technology ATC

The program offers both degrees and certificates. The Industrial electronic student will get a general electronic education emphasizing Programmable Logic controllers; the Electronic Engineering student has an emphasis on design, testing, and product development in electrical/electronic systems; and the Instrument Mechanic student is exposed to more instrumentation and control systems found in production equipment located regionally. The Associate of Applied Science degree (AAS) is for students entering this field or for those already employed in the field and needing an upgrade of both electronic skills and academic skills (oral and written communications, mathematics, and human relations).

A Bachelor of Applied Science Degree is offered upon completion of the AAS degree.

Potential positions include industrial electrician, instrument technician, power systems maintenance technician, electronic maintenance technician, process control technician, and electrical apprentice. Typical employers are engineering and manufacturing firms and utility companies.

Entrance requirements for students seeking enrollment in the Industrial Electronics program include:

- Students must score a 30 or higher in math on ALEKS and have a 2 or higher score on the Writing Placement Exam, or qualify for MTHPT-137 and either ENGL-101 or ENGL-103.
- Enrollment priority for students seeking entrance into the program is on a first-come first-serve basis as determined by the student's faculty advising date.

Upon completion of the Industrial Electronics Technology program, the student will: will be able to:

- Have knowledge of basic electrical and electronic theory
- Know appropriate safety procedures
- Have the ability to assemble, test, analyze and troubleshoot solid state circuits containing discrete components wired as power supplies and regulators, solid state displays, amplifiers, SCR-TRIAC motor controllers, and oscillators
- Be able to locate and analyze replacement semiconductor devices using data sheets and other reference sources
- Perform calculations, predictions, measurements, and demonstrate proper circuit construction and analysis of electrical and electronic circuits
- Have a foundation in the use of phasor and vector analysis for analyzing alternating current circuits
- Be able to configure a modular PLC, write programs using discrete and analog I/O, and troubleshoot system problems
- Demonstrate mastery of a variety of electrical and electronic topics including AC theory, inductive and capacitive reactance, resonance, impedance, transformers, methods of power generation, and basic electrical wiring
- Comprehension of programmable operator terminals and Human Machine Interface (HMI) software
- Know how to configure a ControlLogix PLC, write programs using discrete and analog I/O, and develop a project
- Assemble, analyze, and troubleshoot digital circuits containing, encoder-decoders, digital displays, multiplexer-demultiplexers, counters, and registers
- Have the ability to interface different families of logic circuits with other electronic devices given their electrical/electronic parameters
- Ability to identify common logic gate symbols and connect their actual circuits for testing and analysis; troubleshoot logic gate circuits to the component level

All students entering the Industrial Electronics program are required to have program-specific counseling and entry-level assessment.

Students can choose either the Instrument Mechanics(IM) track or the Electronic Engineering Technology (EET) track. First-year courses for both tracks are offered on two different schedules, and as such students are encourage to research their options with faculty advisors.

The EET track provides training in advanced electronics and computer programming. The EET track emphasizes skills required to be an Electronics Technician in engineering, manufacturing, and communications.

The IM track provides advance training in installation, repair, and maintenance of industrial instruments. The IM track emphasizes skills required to be an Instrument Mechanics Technician in manufacturing, production, and other industrial business.

## Advanced Technical Certificate Requirements

Code	Title	Credits
<b>Program Requirement</b>		
MTHPT-137	MATH FOR TECHNOLOGY	4.00
<b>Technical Core</b>		
Select 50 credits from the following:		50.00
IETTI-101	BASIC DC CIRCUIT THEORY	
IETTI-102	DIGITAL ELECTRONICS	
IETTI-103	INTRODUCTION TO MICROCONTROLLERS	
IETTI-104	ADVANCED ELECTRICAL PRINCIPLES	
IETTI-105	SOLID STATE DEVICES	
IETTI-106	EMBEDDED SYSTEMS	
IETTI-108	INTRODUCTION TO PLC'S	
IETTI-110	BASIC DC CIRCUIT LAB	
IETTI-201	INTRO TO INSTRUMENTATION	
IETTI-204	PROGRAMMING HUMAN MACHINE INTERFACES (HMI)	
IETTI-205	ELECTRIC MOTORS, DRIVES AND CONTROLS	
IETTI-207	PROGRAM AND TROUBLESHOOT PLC'S	
IETTI-208	PLC'S SYSTEMS APPLICATIONS	
IETTI-211	ADVANCED INSTRUMENTATION	
<b>Total Credits</b>		<b>54.00</b>

## Industrial Electronics Technology ITC

The Intermediate Technical Certificate (ITC) consists of those technical courses common to both the Electronics Engineering Technology (EET) and Instrument Mechanic (IM) degree tracks, plus the MTHPT-137 "Math For Technology" course.

Entrance requirements for students seeking enrollment in the Industrial Electronics program include:

- Students must score a 30 or higher in math on ALEKS and have a 2 or higher score on the Writing Placement Exam, or qualify for MTHPT-137 (<http://catalog.lcsc.edu/search/?P=MTHPT-137>) and either ENGL-101 (<http://catalog.lcsc.edu/search/?P=ENGL-101>) or ENGL-103 (<http://catalog.lcsc.edu/search/?P=ENGL-103>).
- Enrollment priority for students seeking entrance into the program is on a first-come first-serve basis as determined by the student's faculty advising date.

Successful completers will demonstrate the following:

- (1) COMMUNICATION and TEAMWORK – Accurately communicate ideas across a variety of media (oral, written, graphical) to both technical and non-technical audiences; Function effectively as a member of a technical team.
- (2) SELF-MANAGEMENT – Arrive on time and prepared; Work diligently until the job is done; Budget resources appropriately to achieve objectives.
- (3) SAFE WORK HABITS – Comply with relevant national, state, local, and college safety regulations when designing, prototyping, building, and testing systems.
- (4) ANALYSIS and DIAGNOSIS – Select and apply appropriate principles and techniques for both qualitative and quantitative circuit analysis; Devise and execute appropriate tests to evaluate electronic system performance; Identify root causes of electronic system malfunctions.
- (5) PROBLEM-SOLVING – Devise and implement solutions for technical problems appropriate to the discipline.



(6) DOCUMENTATION – Interpret and create technical documents (e.g. electronic schematic diagrams, block diagrams, graphs, reports) relevant to the discipline.

(7) INDEPENDENT LEARNING – Select and research information sources to learn new principles, technologies, and/or techniques.

The six technical courses in this certificate cover DC electrical circuits, AC electrical circuits including filter networks and polyphase power systems, transistors, power supply circuits, and Digital electronic circuits including basic Programmable Logic Controller (PLC) programming. Successful completers will be able to analyze electric and electronic circuits using foundational concepts, safely build and test those circuits, and efficiently diagnose malfunctioning circuits. Part-time enrollment options exist to give students more options and flexibility in their education. The combination of rigorous theory and hands-on work qualifies students for entry-level positions such as Engineering Support Specialist and Installation Technician at local firms, as well as technical apprentice positions. All technical coursework for this certificate is open-source and available online at: <https://www.ibiblio.org/kuphaldt/socratic/model/>

## Intermediate Technical Certificate Requirements

Code	Title	Credits
<b>Technical Core</b>		
MTHPT-103	APPLIED ALGEBRA	3.00
<b>Program Requirements</b>		
IETTI-101	BASIC DC CIRCUIT THEORY	4.00
IETTI-102	DIGITAL ELECTRONICS	4.00
IETTI-103	INTRODUCTION TO MICROCONTROLLERS	4.00
IETTI-104	ADVANCED ELECTRICAL PRINCIPLES	4.00
IETTI-105	SOLID STATE DEVICES	4.00
IETTI-112	AC CIRCUIT ANALYSIS	3.00
<b>Total Credits</b>		<b>26.00</b>

## Industrial Maintenance-Millwright Technology AAS

Industrial Maintenance-Millwright Technology prepares students for work in industrial mills. This is a multi-skilled trade that uses areas of fabrication, electronics, electrical systems, automation, computers, hydraulics, PLC's, and mechanical systems. Conveyor systems, power distribution, and service to all sorts of automated equipment are taught. Rigging, mechanical drive systems, installation and alignment of equipment, and pumps are taught. The Millwright program is designed to prepare graduates for entry-level employment as apprentice-technicians, with emphasis on practical experience in both theory and laboratory settings using lab equipment and assemblies similar to equipment found in industry.

Training begins in the classroom and continues in the shop area. Students complete all lab assignments in accordance with industry standards, using the tools and equipment of the profession with an emphasis on safety and quality. Refer to the Technical & Industrial website for a tool list.

Entrance requirements for students seeking enrollment in the Industrial Maintenance-Millwright program include:

- Aleks score in Math of 30 or higher, Writing Placement Exam of 2 or higher, or qualify for MTHPT-137 and ENGL-101.
- Enrollment priority is on a first-come, first-served basis as determined by the student's faculty advising date.

Upon completion of the Industrial Maintenance-Millwright program, students should be able to:

- Identify PLC hardware; wire up PLC power, inputs and outputs
- Read and write basic ladder logic programs
- Know the theory of DC and AC motors
- Troubleshoot motor control circuits
- Trade skills to include blueprint reading, construction documents, hand tools, fasteners/ anchors, construction equipment, safety, resume building, teamwork, leadership and trade accounting
- Familiar with principles of electricity and how to work safely with electrical devices
- Knowledge of mechanical systems. These include bearings, couplings, motors, pumps, heat exchangers, compressors and methods for the transmission of power
- Ability to construct a power source; how to obtain optimum performance from a power source, and how to troubleshoot a power source

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
ENGL-101	WRITING AND RHETORIC I	3.00

**Oral Communication**

Select one of the following:	3.00
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COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION
COMM-203	SMALL GROUP COMMUNICATION
COMM-204	PUBLIC SPEAKING

**Mathematical Ways of Knowing**

MTHPT-137	MATH FOR TECHNOLOGY	4.00
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**Social & Behavioral Ways of Knowing**

Select one of the following:	3.00
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ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ECON-201	PRINCIPLES OF MACROECONOMICS
ECON-202	PRINCIPLES OF MICROECONOMICS
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS

**Additional General Education Core**

Select one of the following:	3.00-5.00
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ANTH-360	RACE AND ETHNICITY
ART-100	INTRODUCTION TO ART
BIOF-100	INTRODUCTION TO BIOINFORMATICS
BIOL-100	CONCEPTS OF BIOLOGY
BIOL-120	PLANTS AND PEOPLE
BIOL-123	BIOLOGY IN FILM
BIOL-175	HUMAN BIOLOGY
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I
CHEM-100	CONCEPTS OF CHEMISTRY
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY
CHEM-111	PRINCIPLES OF CHEMISTRY I
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE
COMM-345	INTERCULTURAL COMMUNICATION
CS-108	INTRODUCTION TO COMPUTER SCIENCE
ENGL-175	LITERATURE AND IDEAS
ENGL-257	WORLD CLASSICS
ENGL-258	INTERNATIONAL LITERATURE
ENGL-260	NATIVE AMERICAN LITERATURE
ENGL-261	MYTHOLOGIES
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE

FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOL-101	PHYSICAL GEOLOGY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE
HUM-150	INTRODUCTION TO THE ARTS
ID-240	INTEGRATED SCIENCE II
ID-300C	ETHICS AND IDENTITY
ID-301A	HELLS CANYON INSTITUTE
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
MUS-101	SURVEY OF MUSIC
MUS-102	MUSIC IN AMERICA
MUS-150	WORLD MUSIC
MUS-151	HISTORY OF MUSICAL THEATER
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
NS-140	INTEGRATED SCIENCE I
NS-150	INTRODUCTION TO NATURAL SCIENCES
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR
PHYS-111 or PHYS-112	GENERAL PHYSICS I GENERAL PHYSICS II
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS
PHYS-205	DESCRIPTIVE ASTRONOMY
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS
THEA-101	SURVEY OF THE THEATER

**Total Credits****16.00-18.00**

## Program Requirements

Code	Title	Credits
<b>Technical Core</b>		
IMMTI-108	INTRODUCTION TO PLC'S	4.00
IMMTI-115	BASIC ELECTRICITY	5.00
IMMTI-130	TRADE SKILLS	5.00
IMMTI-140	MECHANICAL SYSTEMS MAINTENANCE	5.00
IMMTI-150	WELDING POWER SOURCES	2.00
IMMTI-155	BASIC WELDING PROCESSES LAB	7.00
IMMTI-165	ADVANCED WELDING PROCESSES	7.00
IMMTI-205	ELECTRIC MOTORS, DRIVES AND CONTROLS	4.00
IMMTI-251	BLUEPRINT READING	2.00
IMMTI-261	BENCHWORK FOR WELDERS	2.00
IMMTI-262	DISTORTION CONTROL	2.00
IMMTI-270	DIRECTED WELDING PROJECTS	4.00
IMMTI-294	INTERNSHIP	2.00
<b>Total Credits</b>		<b>51.00</b>

## Sequential Plan of Study - Even Year

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
MTHPT-137	MATH FOR TECHNOLOGY	4.00
IMMTI-150	WELDING POWER SOURCES	2.00
IMMTI-155	BASIC WELDING PROCESSES LAB	7.00
IMMTI-261	BENCHWORK FOR WELDERS	2.00
IMMTI-270	DIRECTED WELDING PROJECTS	4.00
<b>Credits</b>		<b>19.00</b>
<b>Spring</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
IMMTI-165	ADVANCED WELDING PROCESSES	7.00
IMMTI-251	BLUEPRINT READING	2.00
IMMTI-262	DISTORTION CONTROL	2.00
<b>Credits</b>		<b>14.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Oral Communication	3.00
IMMTI-115	BASIC ELECTRICITY	5.00
IMMTI-108	INTRODUCTION TO PLC'S	4.00
IMMTI-205	ELECTRIC MOTORS, DRIVES AND CONTROLS	4.00
CORE	Social & Behavioral Ways of Knowing	3.00
<b>Credits</b>		<b>19.00</b>
<b>Spring</b>		
CORE	Additional General Education Course	3.00
IMMTI-130	TRADE SKILLS	5.00
IMMTI-140	MECHANICAL SYSTEMS MAINTENANCE	5.00
IMMTI-294	INTERNSHIP	2.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>67.00</b>

## Sequential Plan of Study - Odd Year

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
IMMTI-108	INTRODUCTION TO PLC'S	4.00
IMMTI-115	BASIC ELECTRICITY	5.00
IMMTI-205	ELECTRIC MOTORS, DRIVES AND CONTROLS	4.00
MTHPT-137	MATH FOR TECHNOLOGY	4.00
<b>Credits</b>		<b>17.00</b>
<b>Spring</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
IMMTI-130	TRADE SKILLS	5.00
IMMTI-140	MECHANICAL SYSTEMS MAINTENANCE	5.00
IMMTI-294	INTERNSHIP	2.00
<b>Credits</b>		<b>18.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Oral Communication	3.00

IMMTI-150	WELDING POWER SOURCES	2.00
IMMTI-155	BASIC WELDING PROCESSES LAB	7.00
IMMTI-261	BENCHWORK FOR WELDERS	2.00
IMMTI-270	DIRECTED WELDING PROJECTS	4.00
<b>Credits</b>		<b>18.00</b>
<b>Spring</b>		
CORE	Additional General Education Course	3.00
IMMTI-262	DISTORTION CONTROL	2.00
IMMTI-251	BLUEPRINT READING	2.00
IMMTI-165	ADVANCED WELDING PROCESSES	7.00
<b>Credits</b>		<b>14.00</b>
<b>Total Credits</b>		<b>67.00</b>

View on YouTube (<https://www.youtube.com/watch?v=rnEOhHETbrE>)

Graduates from Industrial Maintenance Millwright Technology programs go on to obtain careers in a variety of fields:

- Industrial mechanic
- Millwright
- Machinery Maintenance Worker
- Commercial and Industrial Machinery Repairer

## Industrial Maintenance-Millwright Technology ATC

Industrial Maintenance-Millwright Technology prepares students for work in industrial mills. This is a multi-skilled trade that uses areas of fabrication, electronics, electrical systems, automation, computers, hydraulics, PLC's, and mechanical systems. Conveyor systems, power distribution, and service to all sorts of automated equipment are taught. Rigging, mechanical drive systems, installation and alignment of equipment, and pumps are taught. The Millwright program is designed to prepare graduates for entry-level employment as apprentice-technicians, with emphasis on practical experience in both theory and laboratory settings using lab equipment and assemblies similar to equipment found in industry.

Training begins in the classroom and continues in the shop area. Students complete all lab assignments in accordance with industry standards, using the tools and equipment of the profession with an emphasis on safety and quality. The Industrial Maintenance-Millwright Technology requires tools. Please refer to the Technical & Industrial website for a tool list.

Entrance requirements for students seeking enrollment in the Industrial Maintenance-Millwright Technology program include:

- Students must score a 30 or higher in math on ALEKS and have a 2 or higher score on the Writing Placement Exam, or qualify for MTHPT-137 and ENGL-101.
- Enrollment priority for students seeking entrance into the program is on a first-come first-serve basis as determined by the student's faculty advising date.

Upon completion of the Advanced Technical Certificate, the student will possess the technical skills to:

- Identify PLC hardware; wire up PLC power, inputs and outputs
- Read and write basic ladder logic programs
- Know the theory of DC and AC motors
- Troubleshoot motor control circuits
- Trade skills to include blueprint reading, construction documents, hand tools, fasteners/ anchors, construction equipment, safety, resume building, teamwork, leadership and trade accounting
- Familiar with principles of electricity and how to work safely with electrical devices
- Knowledge of mechanical systems. These include bearings, couplings, motors, pumps, heat exchangers, compressors and methods for the transmission of power
- Ability to construct a power source; how to obtain optimum performance from a power source, and how to troubleshoot a power source

## Advanced Technical Certificate Requirements

Code	Title	Credits
<b>General Education Core</b>		
MTHPT-137	MATH FOR TECHNOLOGY	4.00

**Technical Core**

IMMTI-108	INTRODUCTION TO PLC'S	4.00
IMMTI-115	BASIC ELECTRICITY	5.00
IMMTI-130	TRADE SKILLS	5.00
IMMTI-140	MECHANICAL SYSTEMS MAINTENANCE	5.00
IMMTI-150	WELDING POWER SOURCES	2.00
IMMTI-155	BASIC WELDING PROCESSES LAB	7.00
IMMTI-165	ADVANCED WELDING PROCESSES	7.00
IMMTI-205	ELECTRIC MOTORS, DRIVES AND CONTROLS	4.00
IMMTI-251	BLUEPRINT READING	2.00
IMMTI-261	BENCHWORK FOR WELDERS	2.00
IMMTI-262	DISTORTION CONTROL	2.00
IMMTI-270	DIRECTED WELDING PROJECTS	4.00
<b>Electives</b>		
IMMTI-294	INTERNSHIP	2.00
<b>Total Credits</b>		<b>55.00</b>

## Interdisciplinary Studies AAS

This 63-credit Interdisciplinary Associate of Applied Science (ID\_AAS) degree allows students to explore two different areas of study (each area of concentration will have a minimum of 24 credits) and acquire 15 of the 37 general education credits that could transfer into a four-year Bachelor of Applied Science degree one or both areas of concentration. This degree is also an exit point in CTE programs, and a strategic entry point for undecided CTE students as they enter college.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	
<b>Social &amp; Behavioral Ways of Knowing</b>		
HRPT/SS-185	HUMAN RELATIONS IN ORGANIZATIONS	3.00
<b>Additional General Education Courses</b>		
Select one of the following:		3.00-5.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	

ANTH-360	RACE AND ETHNICITY
ART-100	INTRODUCTION TO ART
BIOF-100	INTRODUCTION TO BIOINFORMATICS
BIOL-100	CONCEPTS OF BIOLOGY
BIOL-120	PLANTS AND PEOPLE
BIOL-123	BIOLOGY IN FILM
BIOL-175	HUMAN BIOLOGY
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I
CHEM-100	CONCEPTS OF CHEMISTRY
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY
CHEM-111	PRINCIPLES OF CHEMISTRY I
COMM-345	INTERCULTURAL COMMUNICATION
CS/CITPT-108	INTRODUCTION TO COMPUTER SCIENCE
ECON-201	PRINCIPLES OF MACROECONOMICS
ECON-202	PRINCIPLES OF MICROECONOMICS
ENGL-102	WRITING AND RHETORIC II
ENGL-109	COLLEGE WRITING AND RESEARCH
ENGL-175	LITERATURE AND IDEAS
ENGL-257	WORLD CLASSICS
ENGL-258	INTERNATIONAL LITERATURE
ENGL-260	NATIVE AMERICAN LITERATURE
ENGL-261	MYTHOLOGIES
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOG-102	INTRODUCTION TO GEOGRAPHY
GEOL-101	PHYSICAL GEOLOGY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE
HUM-150	INTRODUCTION TO THE ARTS
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT/SS-184	DIVERSITY IN ORGANIZATIONS
ID-300A - ID-300Z (see course descriptions for options)	
ID-240	INTEGRATED SCIENCE II
ID-301A	HELLS CANYON INSTITUTE
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
MUS-101	SURVEY OF MUSIC
MUS-102	MUSIC IN AMERICA
MUS-150	WORLD MUSIC
MUS-151	HISTORY OF MUSICAL THEATER
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
NS-140	INTEGRATED SCIENCE I
NS-150	INTRODUCTION TO NATURAL SCIENCES
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR
PHYS-111	GENERAL PHYSICS I
or PHYS-112	GENERAL PHYSICS II
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS

PHYS-205	DESCRIPTIVE ASTRONOMY	
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I	
POLS-101	AMERICAN NATIONAL GOVERNMENT	
POLS-237	INTERNATIONAL POLITICS	
POLS-285	COMPARATIVE GOVERNMENT	
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SOC-102	SOCIAL PROBLEMS	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
SPAN-201	INTERMEDIATE SPANISH I	
SPAN-202	INTERMEDIATE SPANISH II	
THEA-101	SURVEY OF THE THEATER	
<b>Total Credits</b>		<b>15.00-19.00</b>

## Program Requirements

Code	Title	Credits
<b>Major Courses</b>		
Area of Concentration 1:		24.00
Select a minimum of 24 credits at the 100 level and above.		
Area of Concentration 2:		24.00
Select a minimum of 24 credits at the 100 level and above.		
<b>Total Credits</b>		<b>48.00</b>

## Plumbing Apprenticeship AAS

This major/degree is intended for those who are actively employed in the trade. Contact the Technical and Industrial Division Office for specific information on this degree.

## General Education Requirement

Code	Title	Credits
<b>Written Communication</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
<b>Oral Communication</b>		
Select one of the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
MTHPT-137	MATH FOR TECHNOLOGY	4.00
<b>Social &amp; Behavioral Ways of Knowing</b>		
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	3.00
<b>Additional General Education Core</b>		
Select one of the following:		3.00-5.00
ANTH-360	RACE AND ETHNICITY	
ART-100	INTRODUCTION TO ART	
BIOF-100	INTRODUCTION TO BIOINFORMATICS	
BIOL-100	CONCEPTS OF BIOLOGY	
BIOL-120	PLANTS AND PEOPLE	
BIOL-123	BIOLOGY IN FILM	
BIOL-175	HUMAN BIOLOGY	
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	



CHEM-100	CONCEPTS OF CHEMISTRY
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY
CHEM-111	PRINCIPLES OF CHEMISTRY I
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE
COMM-345	INTERCULTURAL COMMUNICATION
CS-108	INTRODUCTION TO COMPUTER SCIENCE
ENGL-175	LITERATURE AND IDEAS
ENGL-257	WORLD CLASSICS
ENGL-258	INTERNATIONAL LITERATURE
ENGL-260	NATIVE AMERICAN LITERATURE
ENGL-261	MYTHOLOGIES
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOL-101	PHYSICAL GEOLOGY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE
HUM-150	INTRODUCTION TO THE ARTS
ID-240	INTEGRATED SCIENCE II
ID-300C	ETHICS AND IDENTITY
ID-301A	HELLS CANYON INSTITUTE
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
MUS-101	SURVEY OF MUSIC
MUS-102	MUSIC IN AMERICA
MUS-150	WORLD MUSIC
MUS-151	HISTORY OF MUSICAL THEATER
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
NS-140	INTEGRATED SCIENCE I
NS-150	INTRODUCTION TO NATURAL SCIENCES
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR
PHYS-111 or PHYS-112	GENERAL PHYSICS I GENERAL PHYSICS II
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS
PHYS-205	DESCRIPTIVE ASTRONOMY
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS
THEA-101	SURVEY OF THE THEATER

**Total Credits****16.00-18.00**

## Program Requirements

Code	Title	Credits
<b>Technical Support Courses</b>		
PLAPR-100	PLUMBING THEORY IA	3.00
PLAPR-101	PLUMBING THEORY IB	3.00
PLAPR-102	PLUMBING THEORY IIA	3.00
PLAPR-103	PLUMBING THEORY IIB	3.00

PLAPR-200	PLUMBING THEORY IIIA	3.00
PLAPR-201	PLUMBING THEORY IIIB	3.00
PLAPR-202	PLUMBING THEORY IVA	3.00
PLAPR-203	PLUMBING THEORY IVB	3.00
<b>Technical Core</b>		
PLAPR-104	PLUMBING YEAR I	10.00
PLAPR-105	PLUMBING YEAR II	10.00
PLAPR-204	PLUMBING YEAR III	10.00
PLAPR-205	PLUMBING YEAR IV	10.00
<b>Total Credits</b>		<b>64.00</b>

## Welding Technology AAS

Welding Technology is a participating organization of the American Welding Society's SENSE (Schools Excelling through National Skill standards Education) Program. This program is designed to provide training in a sequential manner for various welding processes, starting with simple tasks and progressing through more complex assignments. Those processes include: shielded metal arc welding, gas metal arc welding, flux cored arc welding, gas tungsten arc welding, oxy-acetylene cutting, brazing and welding, and the use of plasma arc cutting equipment. Students receive practical and theoretical training in the weldability of metals and alloys, blueprint reading, mathematics, and metallurgy.

Students are trained to international standards using state-of-the-art equipment. All skills and lab assignments are performance-based using standards assigned by the prevailing industrial welding codes. Safety, care, use, and adjustment of the welding lab equipment is stressed in each of the classes. Included in each 30 hour week is study in welding theory and related practical science, and applying this knowledge in the laboratory.

All graduates are given the opportunity to take the unlimited thickness, all position, welder certification test at no cost to them.

### Admission requirements

All welding students must be core math ready and needs to complete a program application. Priority application deadlines are as follows:

- Fall registration – February 1
- Spring registration – October 1

### Admission Checklist

1. Complete general LC State admission requirements
2. Submit Welding application form
3. Schedule Assessment/Interview with program faculty

The welding program has limited space, and a waitlist is utilized if the program is full. Duration on the waitlist is one semester. If students do not move into program classes after one semester on the waitlist, they need to reapply for the welding program.

- ALEKS score of 30 or higher in Math and Writing Placement Exam score of 2 or higher or qualify for MTHPT-137 and ENGL-101.

Upon completion of the Welding Technology program, the student will have basic skills to:

- Understand basic power sources used in the industry
- Identify and interpret welding symbols
- Demonstrate welding competency by performing and passing welding certification test
- Knowledge of basic hand and machine tools, measuring devices, and appropriate shop and tool safety
- Basic knowledge of drafting and blue print reading as it is used in welding
- Knowledge of various welding and cutting processes
- Understand properties and strengths of metals in fabrication and technology
- Develop employable skills for the arc welder and combination line welder
- Obtain a working knowledge of problems that occur as a result of heating and cooling processes
- Interpret welding code requirements and inspect welds to critique weld quality
- Ability to apply the correct method of distortion control in welded fabrications
- Demonstrate and perform the safety requirements needed for welding

- Recognize structural types and shapes and the metallurgical composition of different ferrous and non-ferrous metals and the outcome of heat treatments
- Able to optimize the performance of various welding machines and how to operate welding shop equipment

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
<b>Oral Communication</b>		
Select one of the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
MTHPT-137	MATH FOR TECHNOLOGY	4.00
<b>Social &amp; Behavioral Ways of Knowing</b>		
Select one of the following:		3.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	
POLS-101	AMERICAN NATIONAL GOVERNMENT	
POLS-237	INTERNATIONAL POLITICS	
POLS-285	COMPARATIVE GOVERNMENT	
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SOC-102	SOCIAL PROBLEMS	
SS-184	DIVERSITY IN ORGANIZATIONS	
SS-185	HUMAN RELATIONS IN ORGANIZATIONS	
<b>Additional General Education Core</b>		
Select one of the following:		3.00-5.00
ANTH-360	RACE AND ETHNICITY	
ART-100	INTRODUCTION TO ART	
BIOF-100	INTRODUCTION TO BIOINFORMATICS	
BIOL-100	CONCEPTS OF BIOLOGY	
BIOL-120	PLANTS AND PEOPLE	
BIOL-123	BIOLOGY IN FILM	
BIOL-175	HUMAN BIOLOGY	
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	
CHEM-100	CONCEPTS OF CHEMISTRY	
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	
CHEM-111	PRINCIPLES OF CHEMISTRY I	
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE	

COMM-345	INTERCULTURAL COMMUNICATION
CS-108	INTRODUCTION TO COMPUTER SCIENCE
ENGL-175	LITERATURE AND IDEAS
ENGL-257	WORLD CLASSICS
ENGL-258	INTERNATIONAL LITERATURE
ENGL-260	NATIVE AMERICAN LITERATURE
ENGL-261	MYTHOLOGIES
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOL-101	PHYSICAL GEOLOGY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE
HUM-150	INTRODUCTION TO THE ARTS
ID-240	INTEGRATED SCIENCE II
ID-300C	ETHICS AND IDENTITY
ID-301A	HELLS CANYON INSTITUTE
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
MUS-101	SURVEY OF MUSIC
MUS-102	MUSIC IN AMERICA
MUS-150	WORLD MUSIC
MUS-151	HISTORY OF MUSICAL THEATER
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
NS-140	INTEGRATED SCIENCE I
NS-150	INTRODUCTION TO NATURAL SCIENCES
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR
PHYS-111	GENERAL PHYSICS I
or PHYS-112	GENERAL PHYSICS II
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS
PHYS-205	DESCRIPTIVE ASTRONOMY
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS
THEA-101	SURVEY OF THE THEATER

**Total Credits****16.00-18.00**

## Program Requirements

Code	Title	Credits
<b>Technical Core</b>		
WLDTC-150	WELDING POWER SOURCES	2.00
WLDTC-151	WELDING CODES FOR CERTIFICATIONS	2.00
WLDTC-152	QUALITY CONTROL FOR WELDING INSPECTION	2.00
WLDTC-155	BASIC WELDING PROCESSES LAB (or WLDTC-155A and WLDTC-155B)	7.00
WLDTC-161	WELDING PROCESSES AND APPLICATIONS	2.00
WLDTC-162	METALLURGY	2.00
WLDTC-165	ADVANCED WELDING PROCESSES	7.00

WLDTTC-250	DRAFTING AND PIPEFITTING	2.00
WLDTTC-251	BLUEPRINT READING	2.00
WLDTTC-252	HEAT TREATMENT	2.00
WLDTTC-254	PIPE WELDING: SMAW LAB	7.00
WLDTTC-261	BENCHWORK FOR WELDERS	2.00
WLDTTC-262	DISTORTION CONTROL	2.00
WLDTTC-264	PIPE WELDING GTAW LAB	7.00
<b>Electives</b>		
Select 12 credits from WLDTTC		12.00
<b>Total Credits</b>		<b>60.00</b>

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
MTHPT-137	MATH FOR TECHNOLOGY	4.00
WLDTTC-150	WELDING POWER SOURCES	2.00
WLDTTC-155 or WLDTTC-155A <i>and</i> WLDTTC-155B	BASIC WELDING PROCESSES LAB or SMAW PRACTICAL <i>and</i> BASIC OXYACETYLENE AND GMAW	7.00
WLDTTC-261	BENCHWORK FOR WELDERS	2.00
Program Requirement	Select WLDTTC Elective course	4.00
<b>Credits</b>		<b>19.00</b>
<b>Spring</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
WLDTTC-165	ADVANCED WELDING PROCESSES	7.00
WLDTTC-251	BLUEPRINT READING	2.00
WLDTTC-262	DISTORTION CONTROL	2.00
Program Requirement	Select WLDTTC Elective course	4.00
<b>Credits</b>		<b>18.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Oral Communication	3.00
WLDTTC-161	WELDING PROCESSES AND APPLICATIONS	2.00
WLDTTC-162	METALLURGY	2.00
WLDTTC-250	DRAFTING AND PIPEFITTING	2.00
WLDTTC-254	PIPE WELDING: SMAW LAB	7.00
Program Requirement	Select WLDTTC Elective course	4.00
<b>Credits</b>		<b>20.00</b>
<b>Spring</b>		
WLDTTC-252	HEAT TREATMENT	2.00
WLDTTC-151	WELDING CODES FOR CERTIFICATIONS	2.00
WLDTTC-152	QUALITY CONTROL FOR WELDING INSPECTION	2.00
WLDTTC-264	PIPE WELDING GTAW LAB	7.00
CORE	Social & Behavioral Ways of Knowing	3.00
CORE	Additional General Education Course	3.00
<b>Credits</b>		<b>19.00</b>
<b>Total Credits</b>		<b>76.00</b>

View on YouTube ([https://www.youtube.com/watch?v=5839lvNcK\\_g](https://www.youtube.com/watch?v=5839lvNcK_g))

Graduates from Welding Technology programs go on to obtain careers in a variety of fields:

- Underwater Welder
- Fabricator
- Braze operator
- Aluminum Welder
- Boat Manufacturer
- Fitter Welder
- Machine Operator
- Spot Welder
- Finishing Technician
- Iron Worker
- Boilermaker

## Welding Technology ATC

Welding Technology is a participating organization of the American Welding Society's SENSE (Schools Excelling through National Skill standards Education) Program. This program is designed to provide training in a sequential manner for various welding processes, starting with simple tasks and progressing through more complex assignments. Those processes include: shielded metal arc welding, gas metal arc welding, flux cored arc welding, gas tungsten arc welding, oxy-acetylene cutting, brazing and welding, and the use of plasma arc cutting equipment. Students receive practical and theoretical training in the weldability of metals and alloys, blueprint reading, mathematics, and metallurgy.

Students are trained to international standards using state-of-the-art equipment. All skills and lab assignments are performance based using standards assigned by the prevailing industrial welding codes. Safety, care, use, and adjustment of the welding lab equipment is stressed in each of the classes. Included in each 30 hour week is study in welding theory and related practical science, and applying this knowledge in the laboratory.

All graduates are given the opportunity to take the unlimited thickness, all position, welder certification test at no cost to them.

### Admission requirements

All welding students must be core math ready and needs to complete a program application. Priority application deadlines are as follows:

- Fall registration – February 1
- Spring registration – October 1

### Admission Checklist

1. Complete general LC State admission requirements
2. Submit Welding application form
3. Schedule Assessment/Interview with program faculty

The welding program has limited space, and a waitlist is utilized if the program is full. Duration on the waitlist is one semester. If students do not move into program classes after one semester on the waitlist, they need to reapply for the welding program.

- ALEKS score of 30 or higher in Math and Writing Placement Exam score of 2 or higher or qualify for MTHPT-137 and ENGL-101.

Upon completion of the Advanced Technical Certificate, the student will possess the technical skills to:

- Understand basic power sources used in the industry
- Identify and interpret welding symbols
- Demonstrate welding competency by performing and passing welding certification test
- Knowledge of basic hand and machine tools, measuring devices, and appropriate shop and tool safety
- Basic knowledge of drafting and blue print reading as it is used in welding
- Knowledge of various welding and cutting processes
- Understand properties and strengths of metals in fabrication and technology
- Develop employable skills for the arc welder and combination line welder
- Obtain a working knowledge of problems that occur as a result of heating and cooling processes
- Interpret welding code requirements and inspect welds to critique weld quality
- Ability to apply the correct method of distortion control in welded fabrications
- Demonstrate and perform the safety requirements needed for welding

- Recognize structural types and shapes and the metallurgical composition of different ferrous and non-ferrous metals and the outcome of heat treatments
- Able to optimize the performance of various welding machines and how to operate welding shop equipment

## Advanced Technical Certificate Requirements

Code	Title	Credits
<b>Program Requirement</b>		
MTHPT-137	MATH FOR TECHNOLOGY	4.00
<b>Technical Core</b>		
WLDTC-150	WELDING POWER SOURCES	2.00
WLDTC-151	WELDING CODES FOR CERTIFICATIONS	2.00
WLDTC-152	QUALITY CONTROL FOR WELDING INSPECTION	2.00
WLDTC-155	BASIC WELDING PROCESSES LAB (or WLDTC-155A and WLDTC-155B)	7.00
WLDTC-161	WELDING PROCESSES AND APPLICATIONS	2.00
WLDTC-162	METALLURGY	2.00
WLDTC-165	ADVANCED WELDING PROCESSES	7.00
WLDTC-250	DRAFTING AND PIPEFITTING	2.00
WLDTC-251	BLUEPRINT READING	2.00
WLDTC-252	HEAT TREATMENT	2.00
WLDTC-254	PIPE WELDING: SMAW LAB	7.00
WLDTC-261	BENCHWORK FOR WELDERS	2.00
WLDTC-262	DISTORTION CONTROL	2.00
WLDTC-264	PIPE WELDING GTAW LAB	7.00
<b>Electives</b>		
Select 12 elective credits		12.00
<b>Total Credits</b>		<b>64.00</b>

## Welding Technology ITC

Welding Technology is a participating organization of the American Welding Society's SENSE (Schools Excelling through National Skill standards Education) Program. This program is designed to provide training in a sequential manner for various welding processes. Those processes include: shielded metal arc welding, gas metal arc welding, flux cored arc welding, gas tungsten arc welding, oxyacetylene cutting, brazing and welding, and the use of plasma arc cutting equipment. All skills and lab assignments are performance based using standards assigned by the prevailing industrial welding codes. Safety, care, use, and adjustment of the welding lab equipment is stressed in each of the classes. Included in each 30 hour week is study in welding theory and related practical science, and applying this knowledge in the laboratory.

All graduates are given the opportunity to take the unlimited thickness, all position, welder certification test at no cost to them.

### Admission requirements

All welding students must be core math ready and needs to complete a program application. Priority application deadlines are as follows:

- Fall registration – February 1
- Spring registration – October 1

### Admission Checklist

1. Complete general LC State admission requirements
2. Submit Welding application form
3. Schedule Assessment/Interview with program faculty

The welding program has limited space, and a waitlist is utilized if the program is full. Duration on the waitlist is one semester. If students do not move into program classes after one semester on the waitlist, they need to reapply for the welding program.

- Aleks score in Math of 30 or higher, Writing Placement Exam of 2 or higher, or qualify for MTHPT-137 and ENGL-101.

Upon completion of the Intermediate Technical Certificate, the student will possess the technical skills to:

- Understand basic power sources used in the industry
- Identify and interpret welding symbols
- Demonstrate welding competency by performing and passing welding certification test
- Knowledge of basic hand and machine tools, measuring devices, and appropriate shop and tool safety
- Basic knowledge of drafting and blue print reading as it is used in welding
- Knowledge of various welding and cutting processes
- Understand properties and strengths of metals in fabrication and technology
- Develop employable skills for the arc welder and combination line welder
- Obtain a working knowledge of problems that occur as a result of heating and cooling processes
- Interpret welding code requirements and inspect welds to critique weld quality
- Ability to apply the correct method of distortion control in welded fabrications
- Demonstrate and perform the safety requirements needed for welding
- Recognize structural types and shapes and the metallurgical composition of different ferrous and non-ferrous metals and the outcome of heat treatments
- Able to optimize the performance of various welding machines and how to operate welding shop equipment

## Intermediate Technical Certificate Requirements

Code	Title	Credits
<b>Technical Core</b>		
Select one of the following:		4.00
MTHPT-137	MATH FOR TECHNOLOGY	
<b>Program Requirements</b>		
WLDT-150	WELDING POWER SOURCES	2.00
WLDT-155	BASIC WELDING PROCESSES LAB (or WLDT-155A and WLDT-155B)	7.00
WLDT-165	ADVANCED WELDING PROCESSES	7.00
WLDT-251	BLUEPRINT READING	2.00
WLDT-261	BENCHWORK FOR WELDERS	2.00
WLDT-262	DISTORTION CONTROL	2.00
WLDT-270	DIRECTED WELDING PROJECTS	4.00
or WLDT-270A	WELDING SAFETY	
<b>Total Credits</b>		<b>30.00</b>

## Adult Learning Center

### Contact Information

**Director:** Donna Callahan, MEd

**E-mail:** dcallaha@lcsc.edu

**Office:** 400 Main Street

**Phone:** 208-792-2238

**Web:** <http://www.lcsc.edu/adult-learning-center> (<http://www.lcsc.edu/adult-learning-center/>)

The Adult Learning Center provides quality instruction in college and career readiness, reading, writing, math and the English Language to help adults function successfully in the 21st century. Students may enroll in the program at any time and progress at their own rate. Structured classes are offered throughout the year. The Adult Learning Center provides college and GED preparation. GED testing is offered by appointment only. In addition, outreach sites are located in Grangeville, Moscow and Orofino.

### Services

Students of the Adult Learning Center have the opportunity to:

- Improve reading, writing, and/or math skills.
- Prepare for college.
- Learn to speak English (for non-native learners).
- Prepare for citizenship.



- Prepare for and pass the GED and/or High School Equivalency (HSE) Certificate. Subject areas of the GED include: Reasoning through Language Arts, Social Studies, Science, and Mathematical Reasoning.

The Adult Learning Center also offers college preparation classes for students who have scored below current cut-off scores on college entrance exams in the content areas of math, reading, and language. Upon successful completion of transitional math, reading, and language classes, students will advance into credited college classes that work toward satisfying their degree requirements.

## Advanced Opportunities

### Contact Information

**Transition Coordinator:** Elizabeth Weldy

**E-mail:** [eaweldy@lcsc.edu](mailto:eaweldy@lcsc.edu)

**Office:** MTB 101A & STC 218

**Phone:** 208-792-2167

**Web:** <http://www.lcsc.edu/advanced-opportunities> (<http://www.lcsc.edu/advanced-opportunities/>)

The Career & Technical Education (CTE) Advanced Opportunities program provides high school students the ability to earn college credit, through Dual Credit or Technical Competency Credit, while still in high school. The program allows students the opportunity to earn college credit at their high school, online, on-campus, or once the class is complete. By participating, students can get a jump-start to their college education and gain career skills for in-demand CTE careers.

In partnership with Lewis-Clark State College, high school teachers incorporate specific technical competencies and skills into the classroom so that students have an option of offering dual enrollment for students to receive credit at the same time high school credit is earned or request credit after the skills have been demonstrated and once students matriculate as a degree-seeking student. By participating, students can get a jump-start on their college education while at the same time save money. Technical Competency Credit costs only \$10 per credit for high school students who qualify.

## Learning Resource Center

### Contact Information

**Manager:** Stephanie Lathrop

**E-mail:** [slathrop@lcsc.edu](mailto:slathrop@lcsc.edu) ([dcallaha@lcsc.edu](mailto:dcallaha@lcsc.edu))

**Office:** SGC 218

**Phone:** 208-792-2369

**Web:** <http://www.lcsc.edu/career-technical-education/learning-resource-center/>

The Learning Resource Center (LRC) provides computer labs with course-specific software, individual & subject-specific tutoring, help with study skills, time management and a variety of other support services to students enrolled in a Career & Technical Education program or class at Lewis-Clark State College with options at the main campus and the Schweitzer Technical Center.

## Physical Therapist Assistant

### Contact Information

**LCSC Advisor:** Jacob Hornby

**E-mail:** [jmhornby@lcsc.edu](mailto:jmhornby@lcsc.edu)

**Office:** MLH 211

**Phone:** 208-792-2441 or 208-792-2225

**Web:** <http://www.lcsc.edu/career-technical-education/physical-therapist-assistant-program/>

The Idaho Physical Therapist Assistant (<http://www.lcsc.edu/career-technical-education/physical-therapist-assistant-program/>) Consortium Program at LC State prepares students for employment as physical therapist assistants (PTA). The PTA functions through the direction of a physical therapist (PT) to implement the PT's plan of care. The ultimate goal of physical therapy is to aid patients and clients in their return to maximal function.

PTA students are instructed in thinking processes and skills such as therapeutic exercise, orthopedic and neurological interventions, therapeutic modalities, and the art of patient care. In addition to patient treatment courses, students study the basic sciences of anatomy, physiology, clinical pathology, and kinesiology. Clinical education experiences are integrated throughout the curriculum and offer students the opportunity to practice the techniques learned and practiced each semester. The program is designed to be completed in two years.

The Idaho Consortium for Physical Therapist Assistant Education at the College of Southern Idaho, the College of Western Idaho, Lewis-Clark State College, and North Idaho College is **accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE)**, 3030 Potomac Ave., Suite 100, Alexandria, Virginia 22305-3085; telephone: 703-706-3245; email: [accreditation@apta.org](mailto:accreditation@apta.org); website: <http://www.capteonline.org>. If you need to contact the program/institution directly, please call (208) 665-5051 or email [jon.gardunia@nic.edu](mailto:jon.gardunia@nic.edu).

# Workforce Training

## Contact Information

**Director:** Doug Cruthirds, Phd

**E-mail:** [dfcruthirds@lcsc.edu](mailto:dfcruthirds@lcsc.edu) ([wft@lcsc.edu](mailto:wft@lcsc.edu))

**Office:** 1920 3rd Ave N, Lewiston, ID 83501

**Phone:** 208-792-2388 or 800-879-0452

**FAX:** 208-792-2680

**Web:** <http://www.lcsc.edu/workforce-training> (<http://www.lcsc.edu/workforce-training/>)

### Coordinators

- Mandy Damman, [mmdamman@lcsc.edu](mailto:mmdamman@lcsc.edu) 208-792-2388: Customized Training, Business/Industry and Welding
- Kathy Moscrip, [ksmoscrip@lcsc.edu](mailto:ksmoscrip@lcsc.edu) 208-792-2388: Allied Health
- Philip Liggins, [paliggins@lcsc.edu](mailto:paliggins@lcsc.edu) 208-792-2388: Driver Development Center and Apprentice Programs

### Office Staff

- Noreen Johnson, [nljohanson@lcsc.edu](mailto:nljohanson@lcsc.edu) 208-792-2388 Office Supervisor
- Ila Duff, [ieduff@lcsc.edu](mailto:ieduff@lcsc.edu), 208-792-2388 - Customer Service
- Barbara Syska, [basyska@lcsc.edu](mailto:basyska@lcsc.edu) 208-792-2388 Driver Development, Apprenticeships, Business

## Overview

Workforce Training provides entry level Career & Technical Education plus upgrade training throughout North Central Idaho. Industry specific training includes health occupations, business, manufacturing, custom classes, apprenticeships, and driver development among others. Workforce Training is a member of the Idaho Workforce Training Network (WTN). WTN is comprised of department representatives from six higher education institutions throughout Idaho and the Idaho State Division of Career & Technical Education. WTN departments provide opportunities for entry level employee training, retraining workers who have lost their jobs or who wish to upgrade their positions, customized training for business and industry, related instruction for apprenticeships, and emergency services training to meet the needs of Idaho employers and citizens. Educational offerings are delivered in the form of workshops, video-conferencing, online and hybrid courses, traditional classroom settings, and hands-on skill labs.

## Services

- Micro-credentials (Badges) through Idaho SkillStack
- LEAN on the Job Training designed to help employers train in-house
- Assessments to identify specific training needs
- Development and provision of upgrade or initial job skills training
- Evaluation of training results
- Access to the latest technologies and statewide technical college resources
- Specific business/industry training solutions
- Knowledgeable subject matter experts
- Content specific performance objectives
- Individualized help for student success
- Driver development training emphasizing crash prevention and driver control
- State of the art computer labs for training, on-campus, at the North Lewiston Training Center or at a place of business
- Assistance to industry/business partners to develop Registered Apprenticeship programs
- Educational pathways to higher Education Programs

## Programs

### Business and Industry

Classes include (but not limited to) customer service, computer basics, graphic design, word processing, databases, contact management, spreadsheets, presentations, pre-employment, industrial safety, and traffic control. Customized training for businesses is provided to meet specific needs. Professional skills training workshops include supervisory skills, team-building, conflict management, management practices, techniques for managing change, leadership, time management, and others.

## On-line

Many classes are available and delivered in an on-line format: related training for custom apprenticeships, accounting, finance, business, computer applications, design and composition, health care, medical, language arts, law, legal, teaching, education technology, writing, publishing, workplace training, technical, green education, and certificate programs. Other classes are delivered as a hybrid class with classroom learning online and hands on skill training in a classroom, such as CNA, Paramedic, Construction Laborer and EMT.

## Health Occupations

Nursing assistant, Phlebotomy, Fundamentals of Dental Assisting, Instructor Development, Assistance with Medications, Emergency Medical Technician, Emergency Medical Responder, Paramedic, CPR, First Aid, HIV Prevention for Health Care Providers (online) and others are offered. Health occupations courses offer a balance of theory, lab and clinical practice that delivers information to students in realistic health care situations.

### Accredited Programs

Workforce Training's Paramedic class was accredited by the Commission on Accreditation of Allied Health Education Programs upon the recommendation of the Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions on January 15th, 2021 with an expiration date of 2025.

1361 Park Street, Clearwater, FL 33756

727-210-2350

[www.caahep.org](http://www.caahep.org)

## Welding

Welding classes are offered on three different levels. Beginning welding teaches novice students how to use the equipment. Information is given about the welding process from machine set up through filler metal selection using MIG and stick techniques. Advanced welding is a 30 hour course that picks-up where the beginning course ends. It is a great class for people who have welded before but need to advance their skills or add new processes to their resumes. The third course, aluminum welding, was developed through a partnership with regional aluminum boat builders. This 30 hour course provides an introduction to aluminum welding and gives the student a leg up when searching for a job in that industry. Students may choose to test to receive an Aluminum Welding Badge that regional employers value when seeking employees.

## Apprenticeship

Electrical, Plumbing and HVAC apprenticeship classes are four-year programs consisting of 144 classroom hours per year. These programs are offered through online or correspondence delivery to meet the needs of students who cannot attend class on campus. Classroom instruction for these programs is related to the trade selected to complement on-the-job training apprenticeship hours. Individuals who are not apprentices, but wish to obtain training will be accepted on a space-available basis. Upon completion of the electrical or plumbing apprentice technical core and technical support classes, students may choose to complete the LC State General Education core, pay to have the classes transcribed, and apply for an AAS degree in Electrical or Plumbing Apprenticeship; see the Program Plans for these majors.

New apprenticeship classes offered at WFT are our Millwright and Custodial Maintenance programs developed specifically to meet the needs of this region. We have many related training options online if you have a need for a specific apprenticeship related training program.

## Driver Development Center

The Driver Development Center offers training that advances driver understanding of collision prevention and vehicle control using state-of-the-art technology known in the industry as SKIDCAR. Students learn how to manage vehicle stability for any roadway condition. The Evidence Based Collision Prevention lecture series offers those on a budget the opportunity to provide quality Driver Development training for fleet drivers. The Emergency Vehicle Incident Prevention (EVIP) course provides firefighters with training that meets the criteria for national standards. The Driver Development Center also offers facility rental for entities that have their own instructors and training curriculum.

To view complete Workforce Training course listings visit: <http://www.lcsc.edu/workforce-training> (<http://www.lcsc.edu/workforce-training/>).

# SCHOOL OF LIBERAL ARTS AND SCIENCES

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## Contact Information

**Dean for Liberal Arts and Sciences:** Martin Gibbs, MA

**E-mail:** [Lasdean@lcsc.edu](mailto:Lasdean@lcsc.edu)

**Office:** SPH 202

**Phone:** 208-792-2325

**FAX:** 208-792-2763

**Web:** <http://www.lcsc.edu/liberal-arts-and-sciences/>

The School of Liberal Arts and Sciences includes the Office of the Dean, Early College Programs, Interdisciplinary Studies, and the Divisions of Humanities, Physical, Life, Movement & Sport Sciences, and Social Sciences. Reporting to the Provost and Vice President for Academic Affairs, the Liberal Arts and Sciences Dean, the Director of Early College Programs, and the Liberal Arts and Sciences Division Chairs work collaboratively, in partnership with faculty, to offer a wide range of high-quality degree programs to a diverse student body. Students who graduate with a degree from one of the Liberal Arts and Sciences divisions will have completed a cohesive program of study that integrates General Education Core courses, major program requirements, and minor program requirements and/or elective credits. Whether a student completes an individualized Interdisciplinary Studies degree, or an Associate's or Bachelor's degree in the Liberal Arts and Sciences, each graduate will have had opportunities to participate in on-campus and on-line classes, in seminars, research symposia, internships or service learning, second language study, clubs and activities, and other experiences designed to enrich his or her academic career.

## Prior Learning Assessment

Students may earn college credit for specific college-level learning that they have achieved through life and work experiences. Prior Learning Assessment opportunities range from standardized exams such as CLEP or DSST, credit recommendations from programs such as ACE, Challenge Exams, or Portfolio Assessment. For more information, please visit our website (<https://www.lcsc.edu/adult-learning-programs/prior-learning-assessment/>) or contact the Adult Learning Coordinator at (208) 792-2301, or [djwilley@lcsc.edu](mailto:djwilley@lcsc.edu).

## Independent Study in Idaho

Independent Study in Idaho (ISI) delivers affordable online college courses. Begin any time, work from anywhere at your own pace, and take up to one calendar year from the date of registration to complete.

- Admission to cooperating institutions is not required
- Same in-state and out-of-state registration fees
- Idaho residency is not required
- See [ISI website \(http://www.uidaho.edu/isi/\)](http://www.uidaho.edu/isi/) for a list of courses, syllabi, and policies

ISI was created in 1973 by the Idaho State Board of Education as a cooperative of four accredited Idaho institutions: Lewis-Clark State College, Idaho State University, Boise State University, and the University of Idaho. Students should contact the institution to which they hope to transfer courses regarding the transferability of their ISI courses prior to enrolling.

## Early College Programs

### Contact Information

**Director:** Ryan Gill

**E-mail:** [dualcredit@lcsc.edu](mailto:dualcredit@lcsc.edu)

**Office:** SPH 207

**Phone:** 208-792-2280

**FAX:** 208-792-2052

**Web:** <http://www.lcsc.edu/early-college-programs> (<http://www.lcsc.edu/dual-credit/>)

Early College Programs provide area high school students the opportunity to earn college credit while fulfilling high school graduation requirements (Dual Credit). Students can earn college credit at their high school, online, or on-campus. The program adheres to Idaho State Board of Education Policy III.Y which follows the standards set by the National Alliance of Concurrent Enrollment Partnerships (NACEP). Early College Programs is NACEP accredited.

## Fees

### Courses Offered in the High School

- **Idaho students** - pay a per credit amount as authorized in Idaho State Board of Education policy V.R.
- **Washington students** - (Asotin, Clarkston, Colfax, Pomeroy) pay 25% of the part#time per credit fee.

### Courses Offered On-Campus or Online

- **Idaho students** - pay a per credit amount as authorized in Idaho State Board of Education policy V.R., plus applicable course or technology fees.
- **Washington students** - (Asotin, Clarkston, Colfax, Pomeroy) pay 25% of the part#time per credit fee, plus applicable course or technology fees.

## Financial Aid

The Advanced Opportunities Program (sponsored by the Idaho State Department of Education) is designed to help cover the costs associated with dual credit courses or college-bearing/professional-technical exams. The program provides every student attending an Idaho public school with adequate funds to use towards Advanced Opportunities in grades 7-12. To utilize program funds, students must register through the Advanced Opportunities Portal (<https://advancedops.sde.idaho.gov/>).

## Transfer of Credits

Dual credit courses are accepted by all Idaho institutions of higher education and most accredited institutions outside the state. Idaho's colleges/universities are accredited by the Northwest Commission on Colleges and Universities. Specific programs also hold professional accreditation. Please refer to the current catalog for a list of the various commissions and associations.

The institution where students may attend makes the final decision on the acceptance of transfer courses. Acceptance of any or all courses can vary and may be dependent upon the grade earned and the policy of the institution. It is the students' responsibility to check with the receiving college/university to verify that the dual credit class(es) will transfer.

## Humanities Division

### Contact Information

**Chair:** Julie Bezzerides, MA, MAT, Interim

**E-mail:** [kjferguson@lcsc.edu](mailto:kjferguson@lcsc.edu) ([mlgibbs@lcsc.edu](mailto:mlgibbs@lcsc.edu))

**Office:** SPH 104

**Phone:** 208-792-2297

**FAX:** 208-792-2324

**Web:** <http://www.lcsc.edu/humanities> (<http://www.lcsc.edu/humanities/>)

## Introduction to the Humanities Division

Students in Humanities programs and courses receive rich exposure to both theoretical and practical knowledge, preparing them for professional success as well as further education. Humanities students have many opportunities to demonstrate what they learn in the classroom to the public: through student music, film and theater performances, *Talking River Review* (a literary journal), speech and debate, internships, peer tutoring in the Writing Center and Spanish Lab, art exhibits, and regular open mic events.

The Humanities Division is deeply engaged in delivering General Education Core, as well as foreign and heritage language, and professional preparation courses. These programs and classes help students achieve their educational and professional objectives. Humanities faculty invigorate their teaching and service with their scholarly and creative endeavors, often in collaborative partnerships with students.

## Majors Offered

The Humanities Division offers BA/BS degree options in Business & Communication, Communication Arts, Communication Arts: Secondary Education, General Studies: Humanities, Interdisciplinary Studies, and Sports Media Studies. BA degrees are offered in English, English: Publishing Arts, and English: Secondary Education. Closely allied with the English program, and with supporting curriculum in fine & performing arts, a BFA in Creative Writing is also offered.

An AA in Liberal Arts is a great way to earn a 2-year degree that completes the entire General Education Core and prepares students for a 4-year baccalaureate degree here at LC State or via transfer.

## Program Outcomes

### Communication Arts

Upon completion of the program, students majoring in Communication Arts (including Business & Communication, General Studies: Humanities, Interdisciplinary Studies, and Sports Media Studies) will learn and demonstrate the following abilities:

1. Communicate effectively and professionally in writing.
2. Communicate effectively and professionally in speech.
3. Demonstrate critical thinking, analysis, and problem-solving skills through original research.
4. Acquire marketable skills through practical learning (internship, practicum, field school) experiences.

## English

Upon completion of the program, students majoring in English (including the BFA in Creative Writing and English: Publishing Arts) are expected to learn and demonstrate the following abilities:

1. Communicate effectively and professionally in writing.
2. Communicate effectively and professionally in speech.
3. Demonstrate critical thinking, analysis, and problem-solving skills through original research.
4. Acquire marketable skills through practical learning (internship, practicum, field school) experiences.

## Secondary Education (English and Communication arts)

1. The program completer understands how learners grow and develop, recognizing that patterns of learning and development vary individually within and across the cognitive, linguistic, social, emotional, and physical areas, and designs and implements developmentally appropriate and challenging learning experiences.
2. The program completer uses understanding of individual differences and diverse cultures and communities to ensure inclusive learning environments that enable each learner to meet high standards.
3. The program completer works with others to create environments that support individual and collaborative learning, and that encourage positive social interaction, active engagement in learning, and self motivation.
4. The program completer understands the central concepts, tools of inquiry, and structures of the discipline(s) he or she teaches and creates learning experiences that make the discipline accessible and meaningful for learners to assure mastery of the content.
5. The program completer understands how to connect concepts and use differing perspectives to engage learners in critical thinking, creativity, and collaborative problem solving related to authentic local and global issues.
6. The program completer understands and uses multiple methods of assessment to engage learners in their own growth, to monitor learner progress, and to guide the teacher's and learner's decision making.
7. The program completer plans instruction that supports every student in meeting rigorous learning goals by drawing upon knowledge of content areas, curriculum, cross-disciplinary skills, and pedagogy, as well as knowledge of learners and the community context.
8. The program completer understands and uses a variety of instructional strategies to encourage learners to develop deep understanding of content areas and their connections, and to build skills to apply knowledge in meaningful ways.
9. The program completer engages in ongoing professional learning and uses evidence to continually evaluate his/her practice, particularly the effects of his/her choices and actions on others (learners, families, other professionals, and the community), and adapts practice to meet the needs of each learner.
10. The program completer seeks appropriate leadership roles and opportunities to take responsibility for student learning, to collaborate with learners, families, colleagues, other school professionals, and community members to ensure learner growth, and to advance the profession.

## Assessment

All graduates are required to complete:

1. An exit interview,
2. A senior capstone written project, and
3. An oral presentation of senior project.

Faculty use the above information to conduct an evaluation of student performance with regard to program goals and outcomes. This data is then incorporated into the yearly College assessment reporting process (UARs).

## Advising

Advisors work with students to ensure they make satisfactory progress toward meeting degree requirements as well as their personal goals and career objectives.

## Minors, Certifications, Transfer Programs

Minors in Art, Communication, Creative Writing, English, Middle School English Language Arts, Music, Nez Perce Language, Publishing Arts, Spanish, and Theatre, as well as a minor/certificate in Professional Writing are all excellent ways to add marketability to one's degree.

## Clubs, Honor Societies, other Activities

- Silverthorne Theatre Club
- LC State Concert Choir
- LC State Jazz Band
- Speech and Debate Team
- *Talking River Review* (student-run literary journal)
- Writing Center
- Spanish Club
- Spanish Language Lab / Tutoring Center
- The Pathfinder (student newspaper)
- KLCZ (campus radio station)
- Hells Canyon Institute

### Theatre and Music Programs

Theatrical and musical productions are important co-curricular activities and linked to the minors. With on-campus productions each semester, all students, regardless of previous experience, are encouraged to audition. The *LC State Jazz Band* and *LC State Choir* provide concert and recital opportunities for students interested in showcasing and developing their performing skills.

## Preparation for Future Graduate Studies

Many of our students go on to pursue graduate degrees in a variety of MA, MFA, MBA, and Law programs. Faculty advisors work closely with students to help them prepare for post-graduate study.

### ART-100 INTRODUCTION TO ART 3.00 Credits

An interdisciplinary consideration of the historical sequence of art styles; slides, lectures and discussions of architecture, painting, sculpture and other arts are seen from the viewpoints of the philosopher, the artist and the layperson.

### ART-111 DRAWING I 3.00 Credits

Projects in basic representation and formal analysis; still life and landscape, some consideration of figure drawing. The use of charcoal, pencil, ink and certain color media.

### ART-121 VISUAL COMMUNICATION/DESIGN PROCESS 3.00 Credits

Lecture and studio exercises in the use of elements of form; lines, shapes, textures, values and colors. Experiments into the theory and nature of decorative and plastic pictorial and sculptural devices.

### ART-122 VISUAL COMMUNICATION/DESIGN PROCESS 3.00 Credits

Lecture and studio exercises in the use of elements of form; lines, shapes, textures, values and colors. Experiments into the theory and nature of decorative and plastic pictorial and sculptural devices.

### ART-211 DRAWING II 3.00 Credits

Individual investigation of advanced concepts and techniques of drawing. Pre-requisite: ART-111 or ART-112.

### ART-231 PAINTING 1 3.00 Credits

Fundamentals of expressive paint application and color. Recommended pre-requisites: ART-111, ART-121 and ART-122.

### ART-235 COMPOSITION 2.00 Credits

Painting and design problems concerned primarily with the structural use of the principles of organization in representational and nonrepresentational art. Recommended pre-requisites: ART-111, ART-121 and ART-122.

### ART-236 COMPOSITION 2.00 Credits

Painting and design problems concerned primarily with the structural use of the principles of organization in representational and nonrepresentational art. Recommended pre-requisites: ART-111, ART-121 and ART-122.

### ART-237 SECONDARY MATERIALS AND METHODS 3.00 Credits

Methods, materials, theory and techniques for the secondary classroom; correlation of art with other secondary school subjects and activities.

### ART-241 SCULPTURE I 3.00 Credits

Experiments in figurative and nonfigurative three-dimensional form, employing sculptural tools, materials and techniques.

### ART-251 RELIEF PRINTMAKING 3.00 Credits

Designed to give the art student a basic creative understanding of the problems and processes, materials and techniques of graphic design and printmaking. Recommended pre-requisites: ART-111, ART-121 and ART-122.

### ART-261 CERAMICS I 3.00 Credits

Essential techniques of primitive and wheel pottery; clay preparation, design, glazing and firing.



**ART-281 WATERCOLOR I 3.00 Credits**

The techniques of transparent and opaque watercolor painting. Recommended pre-requisites: ART-111, ART-121, and ART-122.

**ART-290 DIRECTED STUDY IN ART 1.00-3.00 Credits**

**ART-291 WORKSHOP IN ART 1.00-3.00 Credits**

**ART-292 SPECIAL TOPICS IN ART 1.00-3.00 Credits**

**ART-295 PRACTICUM IN ART 1.00-12.00 Credits**

**ART-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits**

**ART-301 HISTORY OF ART 3.00 Credits**

A formal, stylistic and chronological study of the various disciplines of occidental art.

**ART-302 HISTORY OF ART 3.00 Credits**

A formal, stylistic and chronological study of the various disciplines of occidental art.

**ART-311 DRAWING III 3.00 Credits**

Advanced drawing; conceptual and perceptual experimental exercises in the practical techniques of draftsmanship. Pre-requisite: ART-211.

**ART-331 PAINTING II 3.00 Credits**

Advanced techniques in painting and color usage; emphasis placed on fulfilling personal vision in terms of good form. Pre-requisite: ART-231.

**ART-335 COMPOSITION II 2.00 Credits**

Painting and advanced design problems concerned experimentally with structure and form applied to the individual student's concepts. Pre-requisites: ART-235 and ART-236.

**ART-336 COMPOSITION II 2.00 Credits**

Painting and advanced design problems concerned experimentally with structure and form applied to the individual student's concepts. Pre-requisites: ART-235 and ART-236.

**ART-341 SCULPTURE II 3.00 Credits**

Individual investigation of sculptural concepts and advanced techniques. Pre-requisite: ART-241.

**ART-351 RELIEF PRINTMAKING II 3.00 Credits**

Continuing creative experimentation into the processes of relief printmaking. Pre-requisite: ART-251.

**ART-361 CERAMICS II 3.00 Credits**

Further development of creative techniques of primitive and wheel pottery. Pre-requisite: ART-261.

**ART-375 ELEMENTARY ART METHODS 3.00 Credits**

Preparation for elementary school teachers to meet art requirements in the self-contained elementary classroom; study of materials and techniques; correlation of the teaching of art with other elementary school subjects and activities.

**ART-381 WATERCOLOR II 3.00 Credits**

Advanced problems in transparent and opaque watercolor painting. Pre-requisite: ART-281.

**ART-390 DIRECTED STUDY IN ART 1.00-3.00 Credits**

**ART-392 SPECIAL TOPICS IN ART 1.00-12.00 Credits**

**ART-394 INTERNSHIP IN ART 12.00 Credits**

**ART-431 PAINTING III 3.00 Credits**

A continuation of advanced individual effort; the fusion of subjectivity and form. Pre-requisite: ART-331.

**ART-450 DIGITAL PHOTOGRAPHY 3.00 Credits**

This course examines both the art and application of digital photography. It will include elements of the history of photography, technical operation of cameras, current developments in the field of photography, theoretical aesthetics, and photo criticism. Access to camera required. Cross-listed with COMM-450.

**ART-481 WATERCOLOR III 3.00 Credits**

Refining and strengthening advanced capabilities in the transparent and opaque watercolor techniques. Pre-requisite: ART-381.



**ART-490 DIRECTED STUDY IN ART 1.00-3.00 Credits****ART-491 WORKSHOP IN ART 1.00-3.00 Credits****ART-492 SPECIAL TOPICS IN ART 1.00-3.00 Credits****ART-494 INTERNSHIP IN ART 1.00-12.00 Credits****ART-495 PRACTICUM IN ART 1.00-12.00 Credits****ART-499 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****COMM-101 FUNDAMENTALS OF ORAL COMMUNICATION 3.00 Credits**

This course is designed to provide the student with an understanding of the skills necessary to communicate with others and in groups. In addition, the course will prepare students to present material orally and visually.

**COMM-195 PRACTICUM IN COMMUNICATIONS 1.00-12.00 Credits****COMM-201 INTRODUCTION TO MASS COMMUNICATION 3.00 Credits**

An analysis of the forms and purposes of mass communication. The course focuses on organization, structure, management and unique characteristics of the broadcast, print, and film media.

**COMM-202 INTERPERSONAL COMMUNICATION 3.00 Credits**

A study of skills aimed at improving the individual student's communication in interpersonal relationships and in small group settings. Includes experiential methods through experiences that exemplify concepts taught: self-image, self-disclosure, listening skills, nonverbal skills. This course is writing integrated.

**COMM-203 SMALL GROUP COMMUNICATION 3.00 Credits**

Variables and theories of small group behavior, structure, and interaction. Emphasis on actual experience in small groups.

**COMM-204 PUBLIC SPEAKING 3.00 Credits**

Theory and practice to facilitate basic competency in public speaking through a variety of types of 'one-to-many' speaking situations: banquets, panels and forums, sales presentations, special public ceremonies, political action meetings.

**COMM-205 LOGIC AND ARGUMENTATION 3.00 Credits**

The principles of deductive and inductive logic, how to present cogent arguments, and how to identify errors in reasoning. Writing integrated.

**COMM-211 VIDEO PRODUCTION I 4.00 Credits**

Introduction to the theoretical and practical aspects of basic video production.

**COMM-250 INTRODUCTION TO JOURNALISM 3.00 Credits**

An introduction to the dynamic and complex issues of ethics, framing, mediums, and visuals of journalism practices as well as consumption. Will consider technology and its impact on the field as well as covering theories pertinent to understanding journalism more deeply. Course participants may also publish writing assignments in our student-run, campus newspaper (the Pathfinder). Pre-requisite: ENGL-101.

**COMM-290 DIRECTED STUDY IN COMMUNICATIONS 1.00-3.00 Credits****COMM-291 WORKSHOP IN COMMUNICATIONS 1.00-3.00 Credits****COMM-292 SPECIAL TOPICS IN COMMUNICATIONS 1.00-3.00 Credits****COMM-294 INTERNSHIP IN COMMUNICATIONS 1.00-12.00 Credits****COMM-295 PRACTICUM IN COMMUNICATIONS 1.00-12.00 Credits****COMM-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****COMM-300 EDITING FOR PRINT AND ONLINE 3.00 Credits**

Focuses on writing and revision in both print and online formats. Emphasizes a range of techniques to improve editing skills that are transferrable to a variety of writing styles and technological formats. Pre-requisite: ENGL-102 or ENGL-109. Crosslisted with ENGL-300.

**COMM-301 MEDIA RELATIONS 3.00 Credits**

A broad overview into the different writing principles and practices of TV, radio and print media. The course will cover topic areas such as using and understanding AP style, writing for general audiences, broadcast writing, and writing advertising copy. Also, writing and editing magazine and employee publications, newsletters and brochures, and planning and implementing special events. This course is writing integrated. Pre-requisite: ENGL-102.

**COMM-302 SCREENWRITING 3.00 Credits**

This course explores the various aspects of planning and writing for television, video, and film productions. Cross-listed with ENGL-303.

**COMM-304 ADVANCED PUBLIC SPEAKING 3.00 Credits**

An advanced study of the theory, practice, and criticism of public speaking, with an emphasis on the writing and revision of speeches using a variety of genres, styles, and techniques. Students will employ impromptu, extemporaneous, manuscript, and technology enhanced delivery techniques. Writing Integrated.

**COMM-306 PLAYWRITING 3.00 Credits**

Playwriting is dedicated to the dramatist's processes. Students will learn to write plays by writing plays and analyzing the plays of others. The primary goal of the course is to encourage students to write quickly, fluidly, and fearlessly. Students will write several short plays, which will be revised and over the course of the semester. The emphasis is on experimentation and process. Pre-requisite: ENGL-101. Cross-listed with THEA-306 and ENGL-306.

**COMM-310 ORGANIZATIONAL COMMUNICATION 3.00 Credits**

Study of the theory and practice of communication in organizations, as well as the design and use of instruments for assessing the effectiveness of organizational communication.

**COMM-311 VIDEO PRODUCTION II 1.00-4.00 Credits**

This course is designed to further the student's knowledge of the theoretical and practical aspects of video field production. Pre-requisite: COMM-211 or permission of instructor.

**COMM-320 PERSUASION 3.00 Credits**

A comprehensive review of the process of attitude change. Classical through contemporary views of the persuasion process will be examined. Students will be asked to prepare and make presentations in a wide variety of advocacy situations. Pre-requisite: Completion of Oral Communication area of General Education Core.

**COMM-330 PROFESSIONAL COMMUNICATION 3.00 Credits**

Designed for individuals who are planning a business or professional career. Professional credibility, responsive listening, dealing with conflict, giving and taking criticism, team building, responsibility attribution, and nonverbal components of the communication atmosphere will be included. Pre-requisite: Complete Oral Communication of General Education Core.

**COMM-340 AESTHETICS OF VISUAL PRODUCTION 3.00 Credits**

Examines the aesthetic elements of media production. It will focus on theoretical and practical aspects in the construction and deconstruction of visual imagery.

**COMM-345 INTERCULTURAL COMMUNICATION 3.00 Credits**

Analytic study of the similarities and differences in verbal and nonverbal communication of various cultures. Includes language or code systems and the perception of relational and intent aspects of messages.

**COMM-346 NONPROFIT MANAGEMENT 3.00 Credits**

This course introduces students to the nature of nonprofit organizations and provides a framework for managing and leading within the nonprofit sector. Key content areas include: understanding of legal structure, governance and leadership, accountability and performance, strategic planning, partnerships and alliances, employees and volunteers; marketing and communications; and financial management. Theory and practical application are blended in this course, providing an experiential learning experience through a service learning project for a local nonprofit organization. Crosslisted with BUS-346.

**COMM-347 NONPROFIT FUNDRAISING 3.00 Credits**

This course focuses on fundraising from the perspective of a nonprofit organization. Students will explore the skills needed to become a successful fundraiser, including donor research, event planning and evaluation, and community relations. From seeking donors and developing a needs statement through creating a fundraising plan and implementing a successful fundraising event, students will gain practical knowledge, which can be applied in a variety of situations. This course has a large community engagement component, and students will work with real nonprofit organizations to apply course concepts. Crosslisted with BUS-347.

**COMM-348 NONPROFIT GRANT WRITING 3.00 Credits**

This course focuses on grant writing from the perspective of a nonprofit organization. Students will become familiar with grant seeking and grant writing processes. From searching for funders and developing a needs statement through creating a budget and implementing a successful grant, students will gain practical knowledge which can be applied in a variety of situations. Students will gain experience in both writing and reviewing grant proposals. This course has a large community engagement component, and students will work with real nonprofit agencies to apply course concepts. Pre-requisites: Must have Junior standing or higher or permission from the instructor. Crosslisted with BUS-348.

**COMM-350 SPORTS COMMUNICATION 3.00 Credits**

This course presents students with the basics of communication in sports, with an emphasis on journalism and sports information. This includes the history of the industry, practical reporting, and the role media play in sports. Students will learn how to create press releases, produce creative new media, conduct interviews, handle crises situations, and craft enterprise stories. Considering mythology, ritual, politics, commercial interests, and organizational perspectives, the course probes the communicative practices of sport, with consistent focus on the dynamic between participant, spectator, and the sports media. Pre-requisite: Complete Oral Communications of General Education Core or Instructor Permission.

**COMM-357 CONTEMPORARY EUROPEAN CULTURE IN FILM 3.00 Credits**

Examines various aspects of European culture through the medium of film and provides a comparative view of the diverse subcultures that are included in European countries. Emphasizes the significance of foreign cinema as a medium of communication and complements studies of intercultural communication.

**COMM-360 HISTORY OF MOTION PICTURES 3.00 Credits**

Examines the history and development of motion picture art. Cross-listed with HIST-360.

**COMM-361 FILM STUDIES: ANIMATION 3.00 Credits**

This class looks at the development of animation as an art form. It will roughly follow the historical development of animation throughout the world.

**COMM-362 FILM STUDIES:THE DOCUMENTARY TRADITION 3.00 Credits**

This class will examine the history and development of nonfiction films from the first film made in 1895, to the modern era.

**COMM-363 FILM STUDIES: NATIVE AMERICANS IN FILM 3.00 Credits**

This course will examine the treatment of Native Americans in film and video. We will look at images depicting the character and behavior of Native Americans in film.

**COMM-370 POLITICAL COMMUNICATION 3.00 Credits**

This course deals with communication as the essence of the political process. By examining such topics as political campaigning, the press-government relationship, and the rhetoric of political leaders, the implications of political communication are addressed from the perspectives of politicians, the press, and the public. Cross-listed with POLS-370.

**COMM-375 CREATING DIGITAL MEDIA 3.00 Credits**

This course is designed to give the non-expert practical experience in making digital media using simple tools of graphic design, photo editing, video editing, and audio editing. Although the course will provide an introduction to industry best practices in digital media, the main goal of the course is to give students experience in adapting written messages for audiovisual media. This workshop based course will require students to submit their digital media assignments for review from their peers. All reading materials for the course will be free Open Educational Resources online. Some of the software used in the course will be available for free, but students will be expected to purchase low-cost software subscriptions and have access to a laptop or personal computer for producing their various digital media assignments over the semester.

**COMM-380 ETHICAL ISSUES IN COMMUNICATION 3.00 Credits**

An exploration of ethical issues in communication. Includes an examination of media standards through the use of case studies, readings, and class discussion.

**COMM-384 COMMUNICATION THEORY 3.00 Credits**

Integrates the major theoretical contributions to the communication discipline. Scientific, social/scientific, and humanistic influences on the development of communication theory.

**COMM-390 DIRECTED STUDY IN COMMUNICATIONS 1.00-3.00 Credits****COMM-392 SPECIAL TOPICS IN COMMUNICATIONS 1.00-3.00 Credits****COMM-394 INTERNSHIP IN COMMUNICATIONS 1.00-12.00 Credits****COMM-395 PRACTICUM IN COMMUNICATIONS 1.00-12.00 Credits****COMM-399 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****COMM-400 ADVERTISING 3.00 Credits**

An in-depth study of the advertisement industry. Will explore theories of advertising as they relate to questions of ethics, consumerism, social media, and successful and unsuccessful marketing campaigns. Students will both create and critique advertisements. Suggested prerequisites: COMM-320, COMM-384, BUS-311, and/or BUS-321. Crosslisted with BUS-400.

**COMM-402 ADVANCED SCREENWRITING 3.00 Credits**

Designed for students already familiar with proper screenwriting principles. Students read, analyze, and study the craft of writing for television and film. In a workshop environment, students develop an original idea from initial concept to completion of a full-length screenplay. Pre-requisite: ENGL-303 or COMM-302. Cross-listed with ENGL-403.

**COMM-405 MULTIMEDIA WRITING 3.00 Credits**

Designed to help develop professional writing skills and practice writing on a deadline. This course will provide instruction and practice in various genres of journalistic writing, including feature writing and sports journalism, among others. Will cover new media practices (social media and writing for the web) as well as traditional media writing. Pre-requisite: ENGL-102 or ENGL-109. Cross-listed with ENGL-405.

**COMM-406 ADVANCED PLAYWRITING 3.00 Credits**

Playwriting is dedicated to the dramatist's processes. Based on the work from THEA-306, students will continue to develop their skills by learning to write 1-act and full-length plays by writing plays and analyzing the plays of others. The primary goal of the course is to encourage students to write quickly, fluidly, and fearlessly. Students will write several plays, which will be revised over the course of the semester. The emphasis is on experimentation and process. Cross-listed with THEA-406 and ENGL-406. Pre-requisite: THEA-306.

**COMM-411 VIDEO PRODUCTION UNIT 1.00-4.00 Credits**

An advanced video production course designed to allow students to apply the skills learned in COMM-211/COMM-311.

**COMM-420 RESTORATIVE COMMUNICATION 3.00 Credits**

Using techniques of self-reflection and methods based in appreciative inquiry, explores various approaches to cultivating sustainable communication within both organizational and interpersonal relationships. Covers contemporary communication issues in a variety of contexts and will implement theory-based strategies from a synthesis of interpersonal communication, positive psychology, and leadership theory. Pre-requisite: ENGL-101 or ENGL-109.

**COMM-440 SOCIAL MEDIA MARKETING 3.00 Credits**

This course combines the traditional field of marketing with the new(er) practice of social media communication. Marketing commonly involves breaking down audiences into demographic population segments so that businesses or organizations can more effectively sell a product, service, or idea. Social media is a setting where marketing happens, just as marketing also happens in newspapers, snail mail, radio, TV, billboards, events, etc. Additionally, social media is a communication practice where individuals and users participate in a finite attention economy where each message is competing for the time and attention of a target audience. Pre-requisite: Complete Oral Communications of General Education Core or Instructor Permission.

**COMM-450 DIGITAL PHOTOGRAPHY 3.00 Credits**

This course examines both the art and application of digital photography. It will include elements of the history of photography, technical operation of cameras, current developments in the field of photography, theoretical aesthetics, and photo criticism. Access to camera required. Cross-listed with ART-450.

**COMM-470 HUMAN RELATIONS: CONFLICT MANAGEMENT 3.00 Credits**

The primary focus of this course will be to understand the nature of conflict (and how it differs from disagreement), learning how to manage it, and if possible, to de-escalate it in both personal and professional situations. Cross-listed with HRPT-470.

**COMM-475 THE DARK SIDE OF HUMAN RELATIONS 3.00 Credits**

Will investigate how individuals cope with difficult, problematic, distressing, and disruptive social interaction. The topics in this course are the hidden and forbidden aspects of interpersonal communication often examined within only one specific discipline. With the prime focus on the communicative dynamics of these social interactions this course will take an interdisciplinary perspective that spans communication, psychology, sociology, and other cognitive disciplines; and will shine a light on the complexities, both moral and functional, involved in close relationship processes. Cross-listed with HRPT-475.

**COMM-490 DIRECTED STUDY IN COMMUNICATIONS 1.00-3.00 Credits****COMM-491 WORKSHOP IN COMMUNICATIONS 1.00-3.00 Credits****COMM-492 SPECIAL TOPICS IN COMMUNICATIONS 1.00-3.00 Credits****COMM-494 INTERNSHIP IN COMMUNICATIONS 1.00-12.00 Credits****COMM-495 PRACTICUM IN COMMUNICATIONS 1.00-12.00 Credits****COMM-498 SENIOR RESEARCH PROJECT DESIGN 3.00 Credits**

A required senior course which introduces students to rhetorical, critical, and social science research methodologies. Students prepare and present a research proposal in their area of emphasis for completion in COMM 499, Senior Research Project. This course is writing integrated. Pre-requisite: Senior standing.

**COMM-499 RESEARCH PROJECT AND SEMINAR IN COMMUNICATIONS 3.00 Credits**

Capstone senior course for Communication majors. Synthesizing college coursework, students complete and present a research project in their area of emphasis. The senior communication portfolio is also completed and presented. This course is writing integrated. Pre-requisite: COMM-498.

**ENGL-101 WRITING AND RHETORIC I 3.00 Credits**

The fundamental skills of reading and writing the essay. Specific attention to personal, descriptive, expository, and persuasive writing. Successful students will be able to: 1. Understand writing as a process, including prewriting, revision, and editing; 2. Read and respond thoughtfully and analytically; 3. Control a main idea; 4. Develop and organize support for a main idea; 5. Develop a logical argument; 6. Identify and write to a variety of audiences; 7. Develop writing that is appropriate in academic and occupational settings; 8. Write clearly, concisely, and vigorously; 9. Use correct spelling, punctuation, and grammar; 10. Use basic word-processing skills to produce and revise an essay. Writing integrated; computer intensive. Pre-requisite: Satisfactory completion of ENGL-090 or ENGL-093, or appropriate placement.

**ENGL-102 WRITING AND RHETORIC II 3.00 Credits**

A continuation of ENGL-101 with an emphasis on general research techniques with applications to various academic disciplines. Successful students will be able to: 1. Continue to demonstrate competency in the course outcomes for ENGL-101; 2. Locate, identify, and participate in academic discourse; 3. Read critically, synthesize, and evaluate information; 4. Use a variety of research tools (databases, indexes, the Internet, etc.) to locate appropriate information sources; 5. Develop a focused research topic or project; 6. Conduct a review of the literature for a specific topic; 7. Understand what constitutes evidence in a particular discipline; 8. Use valid evidence to support claims; 9. Understand and use APA and MLA formats for organizing and documenting multiple source papers; 10. Understand and demonstrate the ethical responsibility of the research writer to explore multiple perspectives on a topic and to cite sources and report findings accurately. Writing integrated; computer intensive. Pre-requisite: A grade of 'C' or better in ENGL-101 or satisfactory placement score.

**ENGL-103 WRITING WORKSHOP 1.00 Credit**

A support course designed to help students succeed in ENGL 101. Assigned on the basis of placement exam scores. Writing integrated. Graded P/F. Students must be co-enrolled in ENGL 101.

**ENGL-109 COLLEGE WRITING AND RESEARCH 6.00 Credits**

A one-semester 6-credit integrated version of two required 3-credit courses, ENGL 101 and ENGL 102. Students in ENGL 109 will develop the fundamental skills of reading and writing a range of college-level essays, including expository, analytical, argumentative, and research-based essays. This course fulfills the Skills: English component of the General Education Core. Pre-requisite: Satisfactory completion of ENGL-090 or appropriate placement score.

**ENGL-175 LITERATURE AND IDEAS 3.00 Credits**

An introduction to reading and understanding world literature. Literary study as a method of thinking critically about historical and contemporary aspects of the human condition. Writing integrated. Pre-requisite: ENGL-101 or ENGL-109.

**ENGL-190 DIRECTED STUDY IN ENGLISH 1.00-12.00 Credits****ENGL-192 SPECIAL TOPICS IN ENGLISH 1.00-12.00 Credits****ENGL-203 TECHNICAL WRITING 3.00 Credits**

Focuses on the processes and conventions of business and technical writing. Students produce abstracts, correspondence, reports, and other technical formats. Writing integrated; computer intensive. Pre-requisite: ENGL-102 or ENGL-109.

**ENGL-209 CREATIVE WRITING:NON-FICTION 3.00 Credits**

The study and practice of writing nonfiction in a variety of modes. Writing integrated. Pre-requisite: ENGL-102 or ENGL-109 or permission of instructor.

**ENGL-210 LITERARY ANALYSIS 3.00 Credits**

Basic methods and assumptions of literary study and research, application of various critical approaches to literature through oral and written analysis. Writing integrated. Pre-requisite: ENGL-102 or ENGL-109.

**ENGL-211 CREATIVE WRITING POETRY 3.00 Credits**

The study and practice of writing poetry. Writing integrated. Pre-requisite ENGL-102 or ENGL-109 or permission of instructor.

**ENGL-212 CREATIVE WRITING:FICTION 3.00 Credits**

The study and practice of writing fiction. Writing integrated. Pre-requisite: ENGL-102 or ENGL-109 or permission of instructor.

**ENGL-215 INTERNSHIP IN PUBLISHING 4.00 Credits**

An introduction to publishing in general: Writing, editing, design, printing, technical production, marketing, distribution. Computer intensive. Students enrolled in this course will be engaged in the production of Talking River, a literary journal. Pre-requisite: ENGL-102 or ENGL-109.

**ENGL-257 WORLD CLASSICS 3.00 Credits**

World masterpieces as literary achievements, with attention to non-western writings. Writing integrated. Pre-requisite: ENGL-101 or ENGL-109.

**ENGL-258 INTERNATIONAL LITERATURE 3.00 Credits**

Contemporary literature as literary achievements, with attention to non-western writings. Writing integrated. Pre-requisite: ENGL-101 or ENGL-109.

**ENGL-260 NATIVE AMERICAN LITERATURE 3.00 Credits**

This course explores the oral and written literature of the Native People of North America. It examines the stories as literature in themselves, as well as analysis written about them. The class will focus about two-thirds on traditional stories (oral literature) and about one-third on forms such as plays, novels, and modern forms of drama. Pre-requisites: ENGL-101 or ENGL-109.

**ENGL-261 MYTHOLOGIES 3.00 Credits**

A study of the content, background, and literary application of myths from Egyptian, Babylonian, Indian, Hebrew, Greek, Roman, Norse, Arthurian, and Native American traditions; myths as literature in themselves; and mythological criticism. Writing integrated. Pre-requisite: ENGL-101.

**ENGL-267 BRITISH LITERATURE I 3.00 Credits**

Literary history of England, from the Anglo-Saxon era to the Neoclassical period. Writing integrated. Pre-requisite: ENGL-102 or ENGL-109.

**ENGL-268 BRITISH LITERATURE II 3.00 Credits**

Topics and issues in British literature, from the Romantic period to the present. Writing integrated.

**ENGL-277 AMERICAN LITERATURE I 3.00 Credits**

Literary history of America, from the Colonial period to the Civil War. Writing integrated. Pre-requisite: ENGL-102 or ENGL-109.

**ENGL-278 AMERICAN LITERATURE II 3.00 Credits**

Topics and issues in American literature, from the 1870s to the present. Writing integrated. Pre-requisite: ENGL-102 or ENGL-109.

**ENGL-290 DIRECTED STUDY IN ENGLISH 1.00-12.00 Credits****ENGL-291 WORKSHOP IN ENGLISH 1.00-12.00 Credits****ENGL-292 SPECIAL TOPICS IN ENGLISH 1.00-12.00 Credits****ENGL-294 INTERNSHIP IN ENGLISH 1.00-12.00 Credits****ENGL-295 PRACTICUM IN ENGLISH 1.00-12.00 Credits****ENGL-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****ENGL-300 EDITING FOR PRINT AND ONLINE 3.00 Credits**

Focuses on writing and revision in both print and online formats. Emphasizes a range of techniques to improve editing skills that are transferrable to a variety of writing styles and technological formats. Pre-requisite:ENGL-102 or ENGL-109. Crosslisted with COMM-300.

**ENGL-303 SCREENWRITING 3.00 Credits**

This course explores the various aspects of planning and writing for television, video, and film productions. Cross-listed with COMM-302.

**ENGL-304 WRITING FOR A DIGITAL AUDIENCE 3.00 Credits**

Develop effective communication skills in creating and utilizing digital texts. Gain an awareness and appreciation for online discourse communities. Analyze the rhetorical aspects of digital texts, including audience, purpose and context. Utilize both text and images in creating documents commonly found as digital texts. Create effective digital documents. Conduct research that effectively informs digital writing. Considers the ethical dimensions of working within a digital space. Pre-requisite: ENGL-102 or ENGL-109, or permission of the instructor.

**ENGL-305 ADVANCED WRITING AND COMMUNICATION 3.00 Credits**

Emphasis on rhetoric, research, and writing strategies to develop and present advanced writing projects independently and collaboratively. Pre-requisite: ENGL-102 or ENGL-109 or permission of instructor.

**ENGL-306 PLAYWRITING 3.00 Credits**

Playwriting is dedicated to the dramatist's processes. Students will learn to write plays by writing plays and analyzing the plays of others. The primary goal of the course is to encourage students to write quickly, fluidly, and fearlessly. Students will write several short plays, which will be revised and over the course of the semester. The emphasis is on experimentation and process. Pre-requisite: ENGL-101. Cross-listed with COMM-306 and THEA-306.

**ENGL-308 SURVEY OF PROFESSIONAL WRITING 2.00 Credits**

This course explores a range of genres, as well as writing practices, within professional writing and presents options that students may pursue in future course work and careers. Pre-requisite: ENGL-102, ENGL-109 or permission from the instructor.

**ENGL-309 CREATIVE WRITING:NON-FICTION 3.00 Credits**

The study and practice of writing nonfiction in a variety of modes. Writing integrated. Pre-requisites: ENGL-209 or a grade of 'B' or better in a 200-level creative writing course along with the instructor's permission.

**ENGL-310 DEVELOPMENT OF THE NOVEL 3.00 Credits**

Critical and historical approaches to the genre through examination of selected works from the eighteenth century to the present. Pre-requisite: ENGL-102 or ENGL-109.

**ENGL-311 CREATIVE WRITING:POETRY 3.00 Credits**

The study and practice of writing poetry. Writing integrated. Pre-requisites: ENGL-211 or a grade of 'B' or better in a 200-level creative writing course along with the instructor's permission.

**ENGL-312 CREATIVE WRITING:FICTION 3.00 Credits**

The study and practice of writing fiction. Writing integrated. Pre-requisites: ENGL-212 or a grade of 'B' or better in a 200-level creative writing course along with the instructor's permission.

**ENGL-315 INTERNSHIP IN PUBLISHING 4.00 Credits**

Student internships in publishing. They will take on leadership roles as part of a publishing team. Students will learn and work in the roles of publisher, editor, designer, typesetter, publicist, and distributor. Computer intensive. Students enrolled in this course will be engaged in the production of Talking River, a literary journal. Pre-requisite: ENGL-102 or ENGL-109.

**ENGL-320 SHAKESPEARE 3.00 Credits**

Introduction to selected major plays and sonnet sequences, with attention to the skills of close reading and analysis, historical significance and setting, and approaches to teaching and presentation. Texts include comedies, histories, tragedies, and sonnets. Pre-requisite: ENGL-102 or ENGL-109. Cross-listed with THEA-322.

**ENGL-325 SHAKESPEARE & FILM 2.00 Credits**

This course is a study of film adaptations of Shakespeare's plays, ranging from classics to contemporary projects. Approaches include comparative analysis, reception history, film and theatre history, critical theory, and close reading. Pre-requisite: ENGL-102 or ENGL-109. Cross-listed with THEA-325.

**ENGL-326 MODERNISM 3.00 Credits**

Study of the movements and innovations in American, British, and continental literature from roughly the 1890s until the Second World War. Representative writers include Crane, Conrad, Woolf, Joyce, Kafka, Yeats, Eliot, Frost, Pound, Ibsen, Beckett, Faulkner, Breton and those associated with the Harlem Renaissance. Writing integrated. Pre-requisite: ENGL-102 or ENGL-109.

**ENGL-330 WOMEN, GENDER, AND SEXUALITY IN LITERATURE 3.00 Credits**

Students will study and analyze literature (poetry, fiction, drama, philosophical prose) that explores issues related to women's role in society, gender identity, and sexual orientation across history and cultures. Students will read authors and theorists who represent diverse sexual and gender identities as we interrogate how these identities are socially and culturally constructed. The course will address topics such as historical gender roles; gender performativity; homosocial desire; homoeroticism; trans and genderqueer identities; queer theory and politics, and the intersections of race, class, gender and sexuality. Prerequisite of ENGL 102 or 109.

**ENGL-346 CONTEMPORARY LITERATURE 3.00 Credits**

A focused exploration of a contemporary literary topic, set of works, movement, theme, or approach. Includes attention to genres and voices not in the traditional mainstream of literary study. Pre-requisite: ENGL-102 or ENGL-109.

**ENGL-360 POETIC FORM 3.00 Credits**

A systematic study of the formal features of poetry in English, including prosody, meter, rhyme, sound, and music. Some emphasis on such received forms as the sonnet, ode, ballad, villanelle, and sestina. Writing integrated. Pre-requisite: ENGL-102 or ENGL-109.



**ENGL-361 TECHNIQUES OF CREATIVE NONFICTION 3.00 Credits**

Examines the art and craft of creative nonfiction from a writer's perspective. Students analyze and write various types of nonfiction, such as personal essay, memoir, literary journalism, lyric essay, flash nonfiction, experimental nonfiction, and nature and travel essay. The course will help students understand key concepts of the genre as well as hone their own writing skills through the study of story, structure, point of view, voice and style, character, scene, action, dialogue, theme, and research. Pre-requisite: ENGL-102 or ENGL-109.

**ENGL-362 TECHNIQUES OF FICTION 3.00 Credits**

Provides students with a working knowledge of the techniques of fiction and the movements of culture that evolved the various styles of literature (e.g. modernist, postmodernist, surrealist, and fabulist, amongst others). Students will learn terminology in order to engage in critical analysis of short stories. They will also emulate successful techniques employed by established contemporary authors in their own writing through directed exercises, flash fictions, and the work-shopping of a longer original piece. Pre-requisite: ENGL-102 or ENGL-109.

**ENGL-370 DRAMATIC LITERATURE 3.00 Credits**

Critical and historical approaches to drama as a genre. Includes close reading and discussion of several major plays and a survey of other plays, the Poetics of Aristotle, and selected manifestoes and critical theories. Typical plays to be analyzed are Oedipus Rex, Lysistrata, The Second Shepherds' Play, Othello, Tartuffe, The Rivals, Pygmalion, and Death of a Salesman. Writing integrated. Pre-requisite: ENGL-102 or ENGL-109. Cross-listed with THEA-370.

**ENGL-372 LITERARY THEORY 3.00 Credits**

Survey of advanced techniques of literary analysis. Explores the historical context and uses of literary criticism along with the development of major modern schools and theoretical approaches ranging from formalism and New Criticism to current trends in psychological criticism, cultural studies, gender studies, New Historicism, ecocriticism, and related debates. Writing integrated. Pre-requisite: ENGL-102 or ENGL-109.

**ENGL-381 TEACHING LITERATURE 3.00 Credits**

This course focuses on theoretical and practical approaches to teaching literature in secondary schools. Course topics include literature selection; assignments and activities to help students engage with, appreciate and analyze literature; collaborative learning; and assessment. Pre-requisite: ENGL-102 or ENGL-109.

**ENGL-385 JOURNAL & MANUSCRIPT EDITING 3.00 Credits**

Develops skills in matters of style, accuracy, balance, selection, makeup and layout, copy editing and proofing, and small-group communication in a working environment. Writing integrated; computer intensive. Students enrolled in this course will be engaged in the production of Talking River, a literary journal. Pre-requisite: ENGL-102 or ENGL-109.

**ENGL-386 TEACHING COMPOSITION 3.00 Credits**

This course is required for all English-Secondary Education majors and recommended for all students seeking to be eligible for employment in LCSC's Writing Center. The course introduces students to composition theory, assignment design and assessment, teaching grammar, and strategies for one-on-one writing conferences. Pre-requisite: ENGL-102 or ENGL-109.

**ENGL-390 DIRECTED STUDY IN ENGLISH 1.00-12.00 Credits****ENGL-391 WORKSHOP IN ENGLISH 1.00-12.00 Credits****ENGL-392 SPECIAL TOPICS IN ENGLISH 1.00-12.00 Credits****ENGL-394 INTERNSHIP IN ENGLISH 1.00-12.00 Credits****ENGL-395 PRACTICUM IN ENGLISH 1.00-12.00 Credits****ENGL-399 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****ENGL-403 ADVANCED SCREENWRITING 3.00 Credits**

Designed for students already familiar with proper screenwriting principles. Students read, analyze, and study the craft of writing for television and film. In a workshop environment, students develop an original idea from initial concept to completion of a full-length screenplay. Pre-requisite: ENGL-303 or COMM-302. Cross-listed with COMM-402.

**ENGL-405 MULTIMEDIA WRITING 3.00 Credits**

Designed to help develop professional writing skills and practice writing on a deadline. This course will provide instruction and practice in various genres of journalistic writing, including feature writing and sports journalism, among others. Will cover new media practices (social media and writing for the web) as well as traditional media writing. Pre-requisite: ENGL-102 or ENGL-109. Cross-listed with COMM-405.

**ENGL-406 ADVANCED PLAYWRITING 3.00 Credits**

Playwriting is dedicated to the dramatist's processes. Based on the work from THEA-306, students will continue to develop their skills by learning to write 1-act and full-length plays by writing plays and analyzing the plays of others. The primary goal of the course is to encourage students to write quickly, fluidly, and fearlessly. Students will write several plays, which will be revised over the course of the semester. The emphasis is on experimentation and process. Cross-listed with COMM-406 and THEA-406. Pre-requisite: THEA-306.

**ENGL-409 CREATIVE WRITING:NON-FICTION 3.00 Credits**

The study and practice of writing nonfiction in a variety of modes. Writing integrated. Pre-requisite: ENGL-309.

**ENGL-411 CREATIVE WRITING:POETRY 3.00 Credits**

The study and practice of writing poetry. Writing integrated. Pre-requisite: ENGL-311.

**ENGL-412 CREATIVE WRITING:FICTION 3.00 Credits**

The study and practice of writing fiction. Writing integrated. Pre-requisite: ENGL-312.

**ENGL-415 INTERNSHIP IN PUBLISHING 4.00 Credits**

Student internships in trade publishing. Students may supervise a single book project, performing functions of publisher, editor, designer, typesetter, publicist, and distributor. Repeatable up to eight credits. Computer intensive. Students enrolled in this course will be engaged in the production of Talking River, a literary journal. Pre-requisite: ENGL-102 or ENGL-109.

**ENGL-431 HISTORY & STRUCTURE/ENGLISH LANGUAGE 3.00 Credits**

Development from the Old English period to the present; phonology, morphology, and syntax; traditional grammar; structural linguistics. Pre-requisite: ENGL-102 or ENGL-109.

**ENGL-433 STUDIES IN MEDIEVAL LITERATURE 3.00 Credits**

Representative works and genres of medieval British literature from Beowulf to Chaucer. Pre-requisite: ENGL-102 or ENGL-109.

**ENGL-441 LINGUISTICS 3.00 Credits**

Basic concepts of linguistics, methods of analysis of language, theories of language acquisition; overview of linguistics and the role of language in society. Introduction to phonology, phonetics, morphology and syntax. Pre-requisite: ENGL-102 or ENGL-109.

**ENGL-450 CLASSICISM AND ROMANTICISM 3.00 Credits**

Works of British and European literature and philosophy of the period 1660-1830, typically including Pope, Swift, Voltaire, Goethe, Blake, Wordsworth, Shelley, and Byron, with reference to the ancient sources and continuing adaptations of the literary modes. Pre-requisite: ENGL-102 or ENGL-109.

**ENGL-451 RENAISSANCE LITERATURE 3.00 Credits**

Poetry and prose of the sixteenth and early seventeenth centuries, especially works by Wyatt, More, Sidney, Spenser, Marlowe, Shakespeare (poetry), Donne, Milton. Pre-requisite: ENGL-210.

**ENGL-452 ANCIENT LITERATURE 3.00 Credits**

Varying topics in literature from the earliest texts to the fall of Rome (c. 500 CE), such as the epic, Greek tragedy, and Greek, Roman, Middle Eastern, and Asian poetry and philosophy. Pre-requisite: ENGL-102 or ENGL-109.

**ENGL-460 NATIVE AMERICAN LITERATURE 4.00 Credits**

This course explores the oral and written literature of the Native People of North America. It examines the stories as literature in themselves, as well as analysis written about them. The class will focus about two-thirds on traditional stories (oral literature) and about one-third on forms such as plays, novels, and modern forms of drama. This class meets simultaneously with English 260 with an additional weekly 75-minute seminar. Pre-requisites: ENGL-101 and ENGL-102.

**ENGL-470 NINETEENTH CENTURY AMERICAN LITERATURE: ROMANTICISM AND REALISM 3.00 Credits**

The central developments in American literary history, 1820-1918, usually including works by Cooper, Hawthorne, Melville, James, Twain, Dreiser, and Cather. Addresses literary linkages between the period and what came before and after it in America and Europe. Pre-Requisite: ENGL-102 or ENGL-109.

**ENGL-473 NATIVE AMERICAN ORAL LITERATURE 3.00 Credits**

Exploration of the extensive Native American literature existing before the written tradition, as well as modern storytelling. Pre-requisite: ENGL-102 or ENGL-109.

**ENGL-474 NATIVE AMERICAN WRITTEN LITERATURE 3.00 Credits**

Representative works by Native Americans in the written tradition but typically incorporating characteristics of the oral tradition along with modern themes. Pre-requisite: ENGL-102 or ENGL-109.

**ENGL-475 WESTERN AMERICAN LITERATURE 3.00 Credits**

Representative twentieth-century writers of the American West. Pre-requisite: ENGL-102 or ENGL-109.

**ENGL-476 AFRICAN AMERICAN LITERATURE 3.00 Credits**

Provides foundations in the study of African American literature, beginning with early African literature and the Middle Passage, and then focusing on African American writing through the Romantic, Realist, Modernist, and contemporary periods in North America. Explores the legacy of slavery in the U.S. and the intersections of visual arts, music, and film with African American literary production in North America. Prerequisite of ENGL 102 or 109.

**ENGL-478 NINETEENTH-CENTURY BRITISH LITERATURE 3.00 Credits**

Representative works, conventions, and ideas of the century, with focus on Victorian literature, its roots in Romanticism, and its foreshadowing of Modernism. Incorporates a variety of critical approaches in an investigation of novels, critical essays, poetry, and drama by such authors as Austin, Bronte, Dickens, Eliot, Hardy, Thackeray, Trollope, Wilde, Arnold, Shaw, and Burke. Writing integrated. Pre-requisite: ENGL-102 or ENGL-109.



**ENGL-490 DIRECTED STUDY IN ENGLISH 1.00-12.00 Credits****ENGL-491 WORKSHOP IN ENGLISH 1.00-12.00 Credits****ENGL-492 SPECIAL TOPICS IN ENGLISH 1.00-12.00 Credits****ENGL-494 INTERNSHIP IN ENGLISH 1.00-12.00 Credits****ENGL-495 PRACTICUM IN ENGLISH 1.00-12.00 Credits****ENGL-497 PROFESSIONAL WRITING CAPSTONE 1.00 Credit**

This capstone course for the professional writing minor/certificate is to provide an opportunity for students to reflect on their writing progress, put their writing into context of the professional world, and develop a portfolio of their work. Pre-requisite: ENGL-308 plus 12 credits in the minor/certificate, with a minimum of 1 discipline-specific, writing-intensive course.

**ENGL-498 SENIOR PROJECT SEMINAR 2.00 Credits**

Required of all senior English majors; independent research undertaken with a faculty mentor. Working draft of 15-20 pages required. Approval of project required semester before enrollment. Writing integrated. Pre-requisite: ENGL-210.

**ENGL-499 SENIOR PROJECT: ORAL DEFENSE AND PRESENTATION 1.00-12.00 Credits**

Required of all senior English majors; students conclude their senior research project and present an oral defense to faculty and classmates. Completed written project of 20+ pages required. Writing integrated. Pre-requisite: ENGL-210 and ENGL-498.

**HUM-101 THE ART AND HISTORY OF THE MOTION PICTURE 3.00 Credits**

An introduction to the art and history of motion pictures. Films will be approached from a variety of perspectives: as the work of particular directors, as genre pieces, as cultural artifacts, and as works of art. The course will also examine the economic, political, and ideological aspects of the motion picture industry.

**HUM-150 INTRODUCTION TO THE ARTS 3.00 Credits**

An examination of the technical, psychological, social and cultural dimensions of the arts, such as art, music and architecture. Students will develop means of analyzing and critically commenting on the artistic experiences.

**HUM-190 DIRECTED STUDY IN HUMANITIES 1.00-12.00 Credits****HUM-192 SPECIAL TOPICS IN HUMANITIES 1.00-12.00 Credits****HUM-290 DIRECTED STUDY IN HUMANITIES 1.00-5.00 Credits****HUM-291 WORKSHOP IN HUMANITIES 1.00-3.00 Credits****HUM-292 SPECIAL TOPICS IN HUMANITIES 1.00-3.00 Credits****HUM-295 PRACTICUM IN HUMANITIES 1.00-12.00 Credits****HUM-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****HUM-300 ARTS AND IDEAS I 3.00 Credits**

An integrated humanities course designed to examine the historical, philosophical, and aesthetic aspects of the humanities in Western Culture. Covers the historical periods from Mesopotamia and Egypt to the Middle Ages.

**HUM-301 LITERATURE AND CULTURE 3.00 Credits**

Emphasizes literature in the context of historical, philosophical, and esthetic aspects of western culture, from the Renaissance to the present. Writing integrated. Pre-requisite: ENGL-101 or ENGL-109.

**HUM-320 OREGON SHAKESPEARE FESTIVAL TRIP 1.00 Credit**

A faculty led trip to the Oregon Shakespeare Festival in Ashland, Oregon. Over the course of a long weekend, students will see four plays (including at least one by Shakespeare) and participate in other educational activities related to the festival such as question-and-answer sessions and backstage tours. The course is repeatable for up to two credits. Pre-requisite: ENGL-102 or ENGL-109.

**HUM-350 ETHICS: 3.00 Credits**

The primary purpose of the integrative 350 core course is to develop interdisciplinary abilities in ethical clarification with reference to at least two major contemporary issues. These courses focus primarily on ethical concerns. Topics include the following subjects: ART AND CENSORSHIP Focuses on the social and ethical implications of the artist's creative freedom, particularly how artistic freedom related to personal freedom. Considers issues common to the visual, plastic, musical, and theatrical arts. Writing integrated. PROPAGANDA Traces the origins, examines the practices and considers the consequences of propaganda in both totalitarian and democratic societies. The ethical implication of propaganda will be explored by applying relevant ethical and moral codes to a variety of case studies. Writing integrated. HUMAN RIGHTS AND APPLIED ETHICS Investigates through critical reasoning students' own value systems and the assumptions implicit in assumptions of and justifications for human rights. Writing integrated. ETHICS AND ECOLOGY Introduces the nature of ethical reasoning in relation to the ecology and the impact of human culture and scientific thought on ecology. Students face questions arising from their ethical obligations to each other, to non-human species, and to the planet itself. Writing integrated. ETHICS AND TECHNOLOGY Explores ethical challenges of living and working in a technological world. Students consider the personal, social, and philosophical implications of global technology. Writing integrated. POWER, PROGRESS AND ETHICS Contemporary ethical issues, such as human health and the environment, will be treated from a variety of scientific and literary perspectives. The complex consequences of decision making in science on community welfare will be explored. Discussion, personal and literary accounts and social history will provide a variety of perspectives on these issues. WOMEN IN THE TWENTIETH CENTURY Ethical issues confronted by women worldwide, through a study of literary and historical texts and through their own writing. Cross-listed with SS 350. Writing integrated. Pre-requisite: Completion of the skills component of the General Education Core or permission of the instructor. Cross-Listed with SS-350.

**HUM-390 DIRECTED STUDY IN HUMANITIES 1.00-5.00 Credits****HUM-391 WORKSHOP IN HUMANITIES 1.00-3.00 Credits****HUM-392 SPECIAL TOPICS IN HUMANITIES 1.00-3.00 Credits****HUM-394 INTERNSHIP IN HUMANITIES 1.00-12.00 Credits****HUM-399 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****HUM-490 DIRECTED STUDY IN HUMANITIES 1.00-5.00 Credits****HUM-491 WORKSHOP IN HUMANITIES 1.00-3.00 Credits****HUM-492 SPECIAL TOPICS IN HUMANITIES 1.00-3.00 Credits****HUM-495 PRACTICUM IN HUMANITIES 1.00-12.00 Credits****HUM-499 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****MUS-101 SURVEY OF MUSIC 3.00 Credits**

A study of the major contributions to world music including a historical survey of stylistic and formal developments. Emphasis on appreciative skills.

**MUS-102 MUSIC IN AMERICA 3.00 Credits**

An examination of the musical traditions of the United States, from pre-Colonial to present day. Folk, classical, and popular elements will be considered, as well as major styles and genres, including but not limited to sacred, secular, native traditions, African traditions and those of immigrant populations, film music, musical theatre, classical, jazz, Rock N Roll, and other contemporary and popular genres. This course will also take a closer look at how political movements and other societal ideals have contributed to music in the United States. This course is designed for non-music majors and music majors alike, and will fulfill a General Education Core requirement.

**MUS-103 CONCERT CHOIR 1.00 Credit**

Experience in singing traditional choral literature, vocal jazz, and contemporary music. Enrollment subject to instructor's approval. May be repeated for a maximum of 4 credits at each level.

**MUS-105 ROCK BAND 1.00 Credit**

Performance ensemble studying and performing music from all styles of rock music from early rock n roll to more contemporary styles and genres of popular music. Community and campus performances scheduled throughout the term. May be repeated for credit. No prior experience necessary.

**MUS-106 JAZZ BAND 1.00 Credit**

Performance of standard literature and musical styles. May be repeated for a maximum of 4 credits at each level. Membership is determined by the instructor.

**MUS-110 APPLIED MUSIC: PIANO 1.00-2.00 Credits**

Individual instruction in piano. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled.

**MUS-111 APPLIED MUSIC: VOICE 1.00-2.00 Credits**

Individual instruction in voice. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled.

**MUS-112 APPLIED MUSIC: GUITAR 1.00-2.00 Credits**

Individual instruction in guitar. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled.

**MUS-113 APPLIED MUSIC: STRINGS 1.00-2.00 Credits**

Individual instruction in strings: violin, viola, cello, double bass. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled.

**MUS-114 APPLIED MUSIC: BRASS 1.00-2.00 Credits**

Individual instruction in brass instruments: trumpet, trombone, French horn, tuba, euphonium. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled.

**MUS-115 APPLIED MUSIC: WINDS 1.00-2.00 Credits**

Individual instruction in winds: flute, oboe, English horn, clarinet, saxophone, bassoon. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled.

**MUS-116 APPLIED MUSIC: PERCUSSION 1.00-2.00 Credits**

Individual instruction in percussion. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled.

**MUS-141 MUSIC THEORY/AURAL SKILLS I 4.00 Credits**

Introduction to the materials and techniques of music, including notation, writing, formal analysis and ear training.

**MUS-142 MUSIC THEORY/AURAL SKILLS II 4.00 Credits**

Continuation of the materials and techniques of music, including notation, writing, formal analysis and ear training at an intermediate level. Includes 20th Century techniques and form analysis. Pre-requisite: MUS-141.

**MUS-145 BEGINNING PIANO AND KEYBOARD THEORY 1.00 Credit**

Fundamentals of keyboard technique and basic keyboard theory. Repeatable for total of 2 credits.

**MUS-146 INTERMEDIATE PIANO 2.00 Credits**

Class instruction for non-beginners. Repeatable for total of 4 credits. Recommended pre-requisite: MUS 145 or permission of instructor.

**MUS-147 ADVANCED PIANO 2.00 Credits**

Class instruction for advanced students. Repeatable for total of 2 credits. Recommended pre-requisite: MUS 146 or permission of instructor.

**MUS-150 WORLD MUSIC 3.00 Credits**

An examination of music and musical traditions throughout the world with focus on non-Western music. This course uses a cross-cultural framework through which the student will understand music as an evolving, geographically unrestrained form of human expression that has both unique characteristics and common elements across cultures. Music from all over the world (including genres from most of Africa, India, the U.S., China, Vietnam, Syria, the Pacific Islands, Tibet, and Japan, Central and South America, and the Arabic world) will be looked at through the lenses of sound, setting and significance: critical, informed listening, understanding how it functions within a culture and in people's lives, and how and why they consume music.

**MUS-151 HISTORY OF MUSICAL THEATER 3.00 Credits**

A comprehensive history of musical theater, and how this continuously evolving genre continues to be shaped by history and culture. This course will focus on the American Broadway Musical, and its evolution from the Civil War through the present day, including opera, operetta, light opera, musical comedy, minstrelsy, vaudeville, reviews, rock opera, dance, off-Broadway, Tin Pan Alley, and musical plays. In this course, student will examine the social, political and cultural implications of the musical theatre genre and how to assess its purpose, meaning, and effectiveness as historical narrative.

**MUS-152 HISTORY OF JAZZ AND POPULAR MUSIC STYLES 3.00 Credits**

Tracing the origins of jazz and popular music from their roots in the music of enslaved Africans and the blues through the present day, this course covers the roots of jazz and popular music in the United States. The influence and evolution of various genres of jazz and popular music will be explored, including key figures as well as social and political movements. Students will expand their listening repertoire and make connections between the contemporary forms of these genres and their historically significant roots.

**MUS-190 DIRECTED STUDY IN MUSIC 1.00-12.00 Credits****MUS-210 APPLIED MUSIC: PIANO 1.00-2.00 Credits**

Individual instruction in piano. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled. Pre-requisite: MUS-110 or permission from the instructor.

**MUS-211 APPLIED MUSIC: VOICE 1.00-2.00 Credits**

Individual instruction in voice. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled. Pre-requisite: MUS-111 or permission from the instructor.

**MUS-212 APPLIED MUSIC: GUITAR 1.00-2.00 Credits**

Individual instruction in guitar. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled. Pre-requisite: MUS-112 or permission from the instructor.

**MUS-213 APPLIED MUSIC: STRINGS 1.00-2.00 Credits**

Individual instruction in string instruments: violin, viola, cello, and double bass. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled. Pre-requisite: MUS-113 or permission from the instructor.

**MUS-214 APPLIED MUSIC: BRASS 1.00-2.00 Credits**

Individual instruction in brass instruments: trumpet, trombone, French horn, tuba, euphonium. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled. Pre-requisite: MUS-114 or permission from the instructor.

**MUS-215 APPLIED MUSIC: WINDS 1.00-2.00 Credits**

Individual instruction in wind instruments: flute, clarinet, oboe, English horn, saxophone, bassoon. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled. Pre-requisite: MUS-115 or permission from the instructor.

**MUS-216 APPLIED MUSIC: PERCUSSION 1.00-2.00 Credits**

Individual instruction in percussion instruments. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled. Pre-requisite: MUS-116 or permission from the instructor.

**MUS-221 MUSIC OF WESTERN CIVILIZATION 3.00 Credits**

History of music from antiquity through the 20th Century. Emphasis is on stylistic developments. Recommended pre-requisite: MUS 101.

**MUS-265 VOCAL JAZZ ENSEMBLE 1.00 Credit**

Traditional four-part a cappella music as well as contemporary jazz. Repeatable for total of 2 credits each. Pre-requisite: Instructor's approval.

**MUS-266 INSTRUMENTAL ENSEMBLE 1.00 Credit**

Performance of a variety of ensembles. May be repeated at each level. Pre-requisite: Instructor's approval.

**MUS-267 GUITAR ENSEMBLE 1.00 Credit**

Performance of guitar ensemble literature and musical styles. Repeatable for total of 2 credits each. Pre-requisite: Instructor's approval.

**MUS-268 CHAMBER SINGERS 2.00 Credits**

A chamber vocal group (8 to 12 singers) which sings Madrigals - renaissance through contemporary. Performances vary. Community programs, campus, concert, private functions (minimum of two to four per semester). Pre-requisite: Instructor's approval.

**MUS-290 DIRECTED STUDY IN MUSIC 3.00 Credits**

Pre-requisites: Permission of the department and Senior standing.

**MUS-291 WORKSHOP IN MUSIC 1.00-3.00 Credits****MUS-292 SPECIAL TOPICS IN MUSIC 1.00-3.00 Credits****MUS-295 PRACTICUM IN MUSIC 1.00-12.00 Credits****MUS-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****MUS-303 CONCERT CHOIR 1.00 Credit**

Experience in singing traditional choral literature, vocal jazz, and contemporary music. Enrollment subject to instructor's approval. May be repeated for a maximum of 4 credits at each level.

**MUS-305 ROCK BAND 1.00 Credit**

Performance ensemble studying and performing music from all styles of rock music from early rock n roll to more contemporary styles and genres of popular music. Community and campus performances scheduled throughout the term. May be repeated for credit. No prior experience necessary.

**MUS-306 JAZZ BAND 1.00 Credit**

Performance of standard literature and musical styles. May be repeated for a maximum of 4 credits at each level. Membership is determined by the instructor.

**MUS-310 APPLIED MUSIC: PIANO 1.00-2.00 Credits**

Individual instruction in piano. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled. Pre-requisite: MUS-110 or MUS-210, or permission from the instructor.

**MUS-311 APPLIED MUSIC: VOICE 1.00-2.00 Credits**

Instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled. Pre-requisite: MUS-111 or MUS-211, or permission from the instructor.

**MUS-312 APPLIED MUSIC: GUITAR 1.00-2.00 Credits**

Individual instruction in guitar. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled. Pre-requisite: MUS-112 or MUS-212, or permission from the instructor.

**MUS-313 APPLIED MUSIC: STRINGS 1.00-2.00 Credits**

Individual instruction in string instruments: violin, viola, cello, and double bass. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled. Pre-requisite: MUS-113 or MUS-213, or permission from the instructor.

**MUS-314 APPLIED MUSIC: BRASS 1.00-2.00 Credits**

Individual instruction in brass instruments: trumpet, trombone, French horn, tuba, euphonium. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled. Pre-requisite: MUS-114 or MUS-214, or permission from the instructor.

**MUS-315 APPLIED MUSIC: WINDS 1.00-2.00 Credits**

Individual instruction in wind instruments: flute, clarinet, oboe, English horn, saxophone, bassoon. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled. Pre-requisite: MUS-115 or MUS-215, or permission from the instructor.

**MUS-316 APPLIED MUSIC: PERCUSSION 1.00-2.00 Credits**

Individual instruction in percussion. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled. Pre-requisite: MUS-116 or MUS-216, or permission from the instructor.

**MUS-331 CONDUCTING 3.00 Credits**

Fundamentals of baton techniques, score preparation, rehearsal techniques, and general musicianship. Pre-requisites: MUS-241 and permission of the instructor.

**MUS-365 VOCAL JAZZ ENSEMBLE 1.00 Credit**

Traditional four-part a cappella music as well as contemporary jazz. Repeatable for total of 2 credits each. Pre-requisite: Instructor's approval.

**MUS-366 INSTRUMENTAL ENSEMBLE 1.00 Credit**

Performance of a variety of ensembles. May be repeated at each level. Pre-requisite: Instructor's approval.

**MUS-367 GUITAR ENSEMBLE 1.00 Credit**

Performance of guitar ensemble literature and musical styles. Repeatable for total of 2 credits each. Pre-requisite: Instructor's approval.

**MUS-368 CHAMBER SINGERS 2.00 Credits**

A chamber vocal group (8 to 12 singers) which sings Madrigals - renaissance through contemporary. Performances vary. Community programs, campus, concert, private functions (minimum of two to four per semester). Pre-requisite: Instructor's approval.

**MUS-380 MUSIC IN EARLY CHILDHOOD 3.00 Credits**

This course introduces students to philosophies and foundations of music and movement as used in the early childhood classroom. Students learn basic concepts of music theory, history, ethnomusicology, singing, moving, playing, and listening to music with young children.

**MUS-381 ELEMENTARY SCHOOL MUSIC 3.00 Credits**

Teaching music in the elementary classroom. Emphasis is on materials and methods, instrumental accompaniment and vocal participation. Includes classroom observations and/or practicum experiences.

**MUS-382 MUSIC AND SOCIETY 3.00 Credits**

A study of the relevance and application of music in various professions, sectors of society, and social situations including but not limited to business, medical professions, psychology and mental health related professions, sports, education, and media. Designed for Music Studies Minors, but open to all students who have met pre-requisites. Pre-requisites: HUM 150, and MUS 101 or MUS 102.

**MUS-390 DIRECTED STUDY IN MUSIC 3.00 Credits**

Pre-requisites: Permission of the department and Senior standing.

**MUS-392 SPECIAL TOPICS IN MUSIC 1.00-3.00 Credits****MUS-410 APPLIED MUSIC: PIANO 1.00-2.00 Credits**

Individual instruction in piano. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled. Pre-requisite: MUS-110, MUS-210 or MUS-310, or permission from the instructor.

**MUS-411 APPLIED MUSIC: VOICE 1.00-2.00 Credits**

Individual instruction in voice. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled. Pre-requisite: MUS-111, MUS-211 or MUS-311, or permission from the instructor.

**MUS-412 APPLIED MUSIC: GUITAR 1.00-2.00 Credits**

Instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled. Pre-requisite: MUS-112, MUS-212 or MUS-312, or permission from the instructor.

**MUS-413 APPLIED MUSIC: STRINGS 1.00-2.00 Credits**

Individual instruction in string instruments: violin, viola, cello, and double bass. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled. Pre-requisite: MUS-113, MUS-213 or MUS-313, or permission from the instructor.

**MUS-414 APPLIED MUSIC: BRASS 1.00-2.00 Credits**

Individual instruction in brass instruments: trumpet, trombone, French horn, tuba, euphonium. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled. Pre-requisite: MUS-114, MUS-214 or MUS-314, or permission from the instructor.

**MUS-415 APPLIED MUSIC: WINDS 1.00-2.00 Credits**

Individual instruction in wind instruments: flute, clarinet, oboe, English Horn, clarinet, saxophone, bassoon. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled. Pre-requisite: MUS-115, MUS-215 or MUS-315, or permission from the instructor.

**MUS-416 APPLIED MUSIC: PERCUSSION 1.00-2.00 Credits**

Individual instruction in percussion instruments. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled. Pre-requisite: MUS-116, MUS-216 or MUS-316, or permission from the instructor.



**MUS-490 DIRECTED STUDY IN MUSIC 3.00 Credits**

Pre-requisites: Permission of the department and Senior standing.

**MUS-491 WORKSHOP IN MUSIC 1.00-3.00 Credits****MUS-492 SPECIAL TOPICS IN MUSIC 1.00-3.00 Credits****MUS-495 PRACTICUM IN MUSIC 1.00-12.00 Credits****NP-101 NEZ PERCE LANGUAGE AND CULTURE 4.00 Credits**

First of two sequential courses that constitute the first year of instruction in Nimipuutimt, Nez Perce language. Emphasis is on speaking and understanding, but the courses develop all four language skills in their normal order: listening, speaking, reading and writing. Within the context of language instruction, students will become familiar with Nez Perce attitudes and behaviors and the geography, political infrastructure and day-to-day life of Nez Perce people.

**NP-102 NEZ PERCE LANGUAGE AND HISTORY 4.00 Credits**

Second of two sequential courses that constitute the first year of instruction in Nimipuutimt, Nez Perce language. Emphasis is on speaking and understanding, but the courses develop all four language skills in their normal order: listening, speaking, reading and writing. Within the context of language instruction, students will become familiar with Nez Perce attitudes and behaviors and the geography, political infrastructure and day-to-day life of Nez Perce People.

**NP-109 ELEMENTARY NEZ PERCE LANGUAGE LAB 1.00 Credit**

Repeatable for total of 2 credits. Pass/fail credit only. Co-requisite: Enrollment in Elementary Nez Perce.

**NP-190 DIRECTED STUDY IN NEZ PERCE LANGUAGE 1.00-6.00 Credits****NP-192 SPECIAL TOPICS IN NEZ PERCE LANGUAGE 1.00-6.00 Credits****NP-201 INTERMEDIATE NEZ PERCE LANGUAGE I 4.00 Credits**

First of two sequential courses that constitute the second year of instruction in Nez Perce Language. The sequence satisfies the language requirement for the Bachelor of Arts degree.

**NP-202 INTERMEDIATE NEZ PERCE LANGUAGE II 4.00 Credits**

The second of two sequential courses that constitute the second year of instruction in Nez Perce Language. The sequence satisfies the language requirement for the Bachelor of Arts degree.

**NP-209 INTERMEDIATE NEZ PERCE LANGUAGE LAB 1.00 Credit**

Repeatable for total of 2 credits. Pass/fail credit only. Co-requisite: Enrollment in Intermediate Nez Perce.

**NP-290 DIRECTED STUDY IN NEZ PERCE LANGUAGE 1.00-12.00 Credits****NP-295 PRACTICUM IN NEZ PERCE LANGUAGE 1.00-12.00 Credits****NP-310 NEZ PERCE CONVERSATION/MENTORSHIP I 2.00 Credits**

Course will allow students to achieve the Advanced Level of language proficiency as defined by the ACTFL Guidelines and are required for the Nez Perce Language minor.

**NP-311 NEZ PERCE CONVERSATION/MENTORSHIP II 2.00 Credits**

Course will allow students to achieve the Advanced Level of language proficiency as defined by the ACTFL Guidelines and are required for the Nez Perce Language minor.

**NP-390 DIRECTED STUDY IN NEZ PERCE LANGUAGE 1.00-12.00 Credits****NP-392 SPECIAL TOPICS IN NEZ PERCE LANGUAGE 1.00-12.00 Credits****NP-393 Service Learning 1.00-12.00 Credits****NP-394 Internship in Nez Perce Language 12.00 Credits**

Internship in Nez Perce Language.

**NP-395 Practicum in Nez Perce Language 12.00 Credits**

Practicum in Nez Perce Language.

**NP-490 DIRECTED STUDY IN NEZ PERCE LANGUAGE 1.00-12.00 Credits****PHIL-200 SOCIAL AND POLITICAL PHILOSOPHY 3.00 Credits**

A philosophical investigation of the justifications of political systems forwarded by ancient and modern political thinkers. Writing integrated. Cross-listed with POLS-200.

**SPAN-101 ELEMENTARY SPANISH I 4.00 Credits**

A course to bring beginning students to an ACTFL proficiency level of novice-high through study and practice of communicative skills, functional grammar, and the culture of Spanish-speaking areas.

**SPAN-102 ELEMENTARY SPANISH II 4.00 Credits**

A course to bring beginning students to an ACTFL proficiency level of intermediate-low through study and practice of communicative skills, functional grammar, and the culture of Spanish-speaking areas. Pre-requisite: SPAN-101 or placement.

**SPAN-109 BEGINNING SPANISH WORKSHOP 1.00-2.00 Credits**

P/F credit only. May be repeated for a total of two credits, or taken in Spring semester only, with supplemental materials, for two credits. Co-requisite: Enrollment in SPAN-101 or SPAN-102.

**SPAN-190 DIRECTED STUDY IN SPANISH 1.00-12.00 Credits****SPAN-192 SPECIAL TOPICS IN SPANISH 1.00-12.00 Credits****SPAN-201 INTERMEDIATE SPANISH I 4.00 Credits**

A second-year course to bring students to an ACTFL proficiency level of intermediate-mid through practice of communicative skills, review of grammar, and study of the culture of Spanish-speaking areas. Emphasis on patterns of intonation and development of reading skills. Pre-requisite: SPAN-102 or placement.

**SPAN-202 INTERMEDIATE SPANISH II 4.00 Credits**

A second-year course to bring students to an ACTFL proficiency level of intermediate-high through practice of communicative skills, review of grammar, and study of the culture of Spanish-speaking areas. Emphasis on patterns of intonation and development of reading skills. Pre-requisite: SPAN-201 or placement.

**SPAN-209 INTERMEDIATE SPANISH WORKSHOP 1.00 Credit**

Graded P/F only. May be repeated for a total of two credits or taken in spring semester only, with supplemental materials, for two credits. Co-requisite: Enrollment in SPAN-201 or SPAN-202.

**SPAN-290 DIRECTED STUDY IN SPANISH 1.00-5.00 Credits****SPAN-291 WORKSHOP IN SPANISH 1.00-3.00 Credits****SPAN-292 SPECIAL TOPICS IN SPANISH 1.00-3.00 Credits****SPAN-295 PRACTICUM IN SPANISH 1.00-12.00 Credits****SPAN-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****SPAN-301 ADVANCED SPANISH 3.00 Credits**

Provides in-depth analysis of the Spanish language for intermediate to advanced students with the goal of improving their proficiency. It is meant to help students transition from the beginning and intermediate sequence of courses (SPAN-101-SPAN-202) into upper-division coursework by developing their command of the structures and usages of Spanish. The course is taught in Spanish and will cover key grammatical concepts, increase vocabulary, and address areas of dialectal and stylistic variation.

**SPAN-302 SPANISH COMPOSITION 3.00 Credits**

Through principles of process writing, this course will help students to develop intermediate to advanced Spanish language writing skills. Students will practice these skills in a variety of formats and contexts. Problematic grammar principles will also be reviewed using the writing process as a means of learning proper usage and context. This class is taught in Spanish and has a prerequisite of SPAN-202 or instructor permission in order to enroll.

**SPAN-309 SPANISH CONVERSATION LAB 1.00 Credit**

Pass/Fail credit only. May be repeated for a total of two credits. Co-requisite: SPAN 310 or permission of the instructor.

**SPAN-310 SPANISH CONVERSATION 3.00 Credits**

Exercises and consolidates reading, writing, speaking, and listening at the ACTFL proficiency level of intermediate-high. There is an emphasis on developing and improving speaking and listening skills through conversation (stimulated by a study of cultural topics, literature, grammar, and relevant contemporary issues). Pre-requisite: SPAN-202 or the permission of the instructor.

**SPAN-320 HISPANIC LITERATURE 3.00 Credits**

An introduction to representative authors and to techniques of analysis and critical reading; an opportunity to develop reading strategies in Spanish. Recommended pre-requisite: SPAN 202 or equivalent.

**SPAN-350 SPANISH PHONETICS & PRONUNCIATION 3.00 Credits**

An introduction to Spanish phonetics and phonology and the analytical methods associated with the field of linguistics. Students will study the sounds and processes that effect spoken Spanish and will develop the ability to analyze their own speaking skills, recognizing the phonetic / phonological differences between English and Spanish. This class is taught in Spanish and will provide students many opportunities to develop and improve their speaking skills. Pre-requisite: SPAN-202 or permission from the instructor.

**SPAN-370 HISPANIC CIVILIZATION AND CULTURE 3.00 Credits**

A survey course addressing the rich and complicated histories and cultures of Spain and Spanish America from pre-Roman times to the present. Pre-requisite: SPAN 202 or equivalent.

**SPAN-380 CREDIT FOR STUDY OF SPANISH ABROAD 3.00-12.00 Credits**

Allows students to earn college credit for study of Spanish language and culture abroad. Study must be accomplished in recognized language institutes or programs; study must be approved in advance of registration. Pre-requisites: SPAN-202 and permission of instructor and Chair of the Humanities division.



**SPAN-390 DIRECTED STUDY IN SPANISH 1.00-5.00 Credits****SPAN-392 SPECIAL TOPICS IN SPANISH 1.00-4.00 Credits****SPAN-394 Internship in Spanish 1.00-12.00 Credits****SPAN-395 PRACTICUM IN SPANISH 1.00-12.00 Credits****SPAN-472 LATINO LITERATURE IN THE US 3.00 Credits**

This course explores the roots of Chicano and US Latino identity as expressed in its literature. Pre-requisite: SPAN-202 or permission of instructor.

**SPAN-490 DIRECTED STUDY IN SPANISH 1.00-5.00 Credits****SPAN-491 WORKSHOP IN SPANISH 1.00-3.00 Credits****SPAN-492 SPECIAL TOPICS IN SPANISH 1.00-4.00 Credits****SPAN-495 PRACTICUM IN SPANISH 1.00-12.00 Credits****SPAN-499 RESEARCH PROJECT AND SEMINAR IN SPANISH 1.00-12.00 Credits****THEA-101 SURVEY OF THE THEATER 3.00 Credits**

An examination of the development of the various aspects of theater from early to contemporary times, including the evolution of the theater architecture, acting, scenecraft, etc. Practical application in actual productions.

**THEA-190 DIRECTED STUDY IN THEATER 1.00-12.00 Credits****THEA-195 PRACTICUM IN THEATER 1.00-3.00 Credits****THEA-211 THEATER PRODUCTION 1.00-3.00 Credits**

Laboratory projects coordinated with productions. Covering the areas of acting, makeup, costume, stage management, publicity, set construction, painting, and stage lighting. A maximum of 12 credits at the two levels may be counted toward graduation.

**THEA-212 THEATRE PRODUCTION 1.00-3.00 Credits**

Students can choose from a variety of laboratory projects coordinated with theatrical productions covering the areas of acting, makeup, costume, stage management, publicity, set construction, painting, and stage lighting. At the 212 level students will be supervised by faculty or advanced theater students. A maximum of 12 credits at the two levels may be counted towards degree completion.

**THEA-215 PRINCIPLES OF ACTING 3.00 Credits**

Basic theory and techniques of acting and improvisation.

**THEA-230 STAGE MOVEMENT 3.00 Credits**

Develops physical coordination, kinesthetic sense, nonverbal communication, and stage presence. Period movement, stage combat, and some basic mime and dance are explored.

**THEA-240 PLAY ANALYSIS 3.00 Credits**

An introduction to play analysis and theater criticism with perspectives on the traditional Western canon, as well as a look at the evolving multicultural expression of theatrical art from the 20th century.

**THEA-290 DIRECTED STUDY IN THEATER 1.00-3.00 Credits****THEA-291 WORKSHOP IN THEATER 1.00-3.00 Credits****THEA-292 SPECIAL TOPICS IN THEATER 1.00-3.00 Credits****THEA-294 INTERNSHIP IN THEATER 1.00-12.00 Credits****THEA-295 PRACTICUM IN THEATER 1.00-3.00 Credits****THEA-306 PLAYWRITING 3.00 Credits**

Playwriting is dedicated to the dramatist's processes. Students will learn to write plays by writing plays and analyzing the plays of others. The primary goal of the course is to encourage students to write quickly, fluidly, and fearlessly. Students will write several short plays, which will be revised and over the course of the semester. The emphasis is on experimentation and process. Pre-requisite: ENGL-101. Cross-listed with COMM-306 and ENGL-306.

**THEA-310 LIGHT AND SET DESIGN 3.00 Credits**

Theory and practice in set and light design for theater and television.

**THEA-311 THEATER PRODUCTION 1.00-3.00 Credits**

Laboratory projects coordinated with productions. Covering the areas of acting, makeup, costume, stage management, publicity, set construction, painting, and stage lighting. A maximum of 12 credits at the two levels may be counted toward graduation.

**THEA-312 THEATRE PRODUCTION 1.00-3.00 Credits**

Students can choose from a variety of laboratory projects coordinated with theatrical productions covering the areas of acting, makeup, costume, stage management, publicity, set construction, painting, and stage lighting. At the 312 level students will take on a training and supervisory role in their chosen laboratory project. A maximum of 12 credits at the two levels may be counted towards degree completion.

**THEA-315 ADVANCED PERFORMANCE 3.00 Credits**

Offers an advanced study of various exercises, improvs, and scenes along with a technique used to build a character for the stage or screen. Also includes a section on Reader's Theater. Pre-requisite: THEA 215.

**THEA-322 SHAKESPEARE 3.00 Credits**

Introduction to selected major plays and sonnet sequences, with attention to the skills of close reading and analysis, historical significance and setting, and approaches to teaching and presentation. Texts include comedies, histories, tragedies, and sonnets. Pre-requisite: ENGL-102 or ENGL-109. Cross-listed with ENGL-320.

**THEA-325 SHAKESPEARE & FILM 2.00 Credits**

This course is a study of film adaptations of Shakespeare's plays, ranging from classics to contemporary projects. Approaches include comparative analysis, reception history, film and theatre history, critical theory, and close reading. Pre-requisite: ENGL-102 or ENGL-109. Cross-listed with ENGL-325.

**THEA-370 DRAMATIC LITERATURE 3.00 Credits**

Critical and historical approaches to drama as a genre. Includes close reading and discussion of several major plays and a survey of other plays, the Poetics of Aristotle, and selected manifestoes and critical theories. Typical plays to be analyzed are Oedipus Rex, Lysistrata, The Second Shepherds' Play, Othello, Tartuffe, The Rivals, Pygmalion, and Death of a Salesman. Writing integrated. Pre-requisite: ENGL-102 or ENGL-109. Cross-listed with ENGL-370.

**THEA-390 DIRECTED STUDY IN THEATER 1.00-3.00 Credits****THEA-392 SPECIAL TOPICS IN THEATER 1.00-3.00 Credits****THEA-395 PRACTICUM IN THEATER 1.00-3.00 Credits****THEA-406 ADVANCED PLAYWRITING 3.00 Credits**

Playwriting is dedicated to the dramatist's processes. Based on the work from THEA-306, students will continue to develop their skills by learning to write 1-act and full-length plays by writing plays and analyzing the plays of others. The primary goal of the course is to encourage students to write quickly, fluidly, and fearlessly. Students will write several plays, which will be revised over the course of the semester. The emphasis is on experimentation and process. Cross-listed with COMM-406 and ENGL-406. Pre-requisite: THEA-306.

**THEA-480 DIRECTING 3.00 Credits**

Basic theory and techniques of stage directing with emphasis on interpretation of the play and staging of it from selection to performance. Includes the direction of scenes and one-act plays.

**THEA-490 DIRECTED STUDY IN THEATER 1.00-3.00 Credits****THEA-491 WORKSHOP IN THEATER 1.00-3.00 Credits****THEA-492 SPECIAL TOPICS IN THEATER 1.00-3.00 Credits****THEA-495 PRACTICUM IN THEATER 1.00-3.00 Credits**

## Academic Certificates

Students may earn an academic certificate while pursuing an Associate or Baccalaureate degree at LC State. The academic certificate will be awarded upon completion of the earned degree. If degree requirements are not met, the student will not earn an academic certificate. Federal financial aid is not available for students seeking a stand-alone academic certificate.

Non-degree-seeking students may opt to complete an academic certificate as a stand-alone credential if they have completed the required course pre-requisites. Federal financial aid is not available for students seeking a stand-alone academic certificate.

## Professional Writing Certificate

A certificate in professional writing is valuable to anyone entering the workforce. Students who want to enhance their job opportunities or wish for a career as a writer in their discipline, should consider a certificate in professional writing to complement their degree. This certificate is interdisciplinary allowing students returning to college to have a chance to develop a wide variety of writing skills while at the same time providing a foundation for active engagement in writing within their chosen field. At the completion of the certificate, students will have a portfolio demonstrating the quality of their writing to show to employers.

Note: Internship courses (394 / 494) may be used to fulfill the "discipline-specific writing intensive" credit requirements as long as the internship is writing-intensive and is approved by the advisor.

## Program Requirements

Code	Title	Credits
ENGL-308	SURVEY OF PROFESSIONAL WRITING	2.00
ENGL-497	PROFESSIONAL WRITING CAPSTONE	1.00
Select 9 credits from the following:		9.00
Creative Writing		
ENGL-209	CREATIVE WRITING:NON-FICTION	
ENGL-211	CREATIVE WRITING POETRY	

ENGL-212	CREATIVE WRITING:FICTION
ENGL-303	SCREENWRITING
ENGL-306	PLAYWRITING
ENGL-362	TECHNIQUES OF FICTION

#### Professional/Academic Writing

ENGL-203	TECHNICAL WRITING
ENGL-300	EDITING FOR PRINT AND ONLINE
ENGL-304	WRITING FOR A DIGITAL AUDIENCE
ENGL-305	ADVANCED WRITING AND COMMUNICATION
ENGL-385	JOURNAL & MANUSCRIPT EDITING
ENGL-405	MULTIMEDIA WRITING

#### Program Electives

##### Writing Intensive Courses

Select 9 credits from the following: 9.00

COMM-250	INTRODUCTION TO JOURNALISM
COMM-348	NONPROFIT GRANT WRITING
ENGL-203	TECHNICAL WRITING
ENGL-300	EDITING FOR PRINT AND ONLINE
ENGL-304	WRITING FOR A DIGITAL AUDIENCE
ENGL-305	ADVANCED WRITING AND COMMUNICATION
ENGL-385	JOURNAL & MANUSCRIPT EDITING
ENGL-405	MULTIMEDIA WRITING
SPAN-302	SPANISH COMPOSITION

Internship Option: Select internships in 392/492 that that writing intensive, as determined by the certificate advisor.

**Total Credits** 21.00

## Web Design & Social Media Certificate

Designed as an enhancement to a Bachelor's degree, this 9-credit certificate will introduce students to the fields of web design, social media, and web-based writing. Students will learn the foundations of web page creation, programming, and management. They will also learn how to create content for websites, blogging, social media, and other applications. Skills learned can be of use and value in personal, business, technological, and/or social applications.

### Program Requirements

Code	Title	Credits
Select 3 from the following: 9.00		
CITPT-101	INTRODUCTION TO WEB DESIGN & DEVELOPMEN	
COMM-440	NEW MEDIA & COMMUNICATION	
ENGL-304	WRITING FOR A DIGITAL AUDIENCE	
PITPT-139	ADOBE PHOTOSHOP	

**Total Credits** 9.00

## Business and Communication BA/BS

Students who want a career at the managerial level in business, with a heavy reliance on effective communication, should consider the Business and Communication major. This joint bachelor's degree program, offered by the Business and Humanities Divisions, provides graduates with the skills needed for success in a business environment. Program requirements and electives provide a strong foundation in both disciplines, culminating in capstone courses selected from either Business or Communication. This degree is for students pursuing careers in corporate communications, marketing, public relations, sales, or media relations. It may be completed online, face-to-face, or a combination of the two.

### General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following: 6.00		

ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II
ENGL-109	COLLEGE WRITING AND RESEARCH

**Oral Communication**

Select one from the following: 3.00

COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION
COMM-203	SMALL GROUP COMMUNICATION
COMM-204	PUBLIC SPEAKING

**Mathematical Ways of Knowing**

Select one of the following: 3.00-5.00

MATH-123	MATH IN MODERN SOCIETY
MATH-130	FINITE MATHEMATICS
MATH-143	COLLEGE ALGEBRA
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY
MATH-153	STATISTICAL REASONING
MATH-170	CALCULUS I
MATH-253	STATISTICAL METHODS FOR THE SCIENCES
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II
MTHPT-130	FINITE MATHEMATICS
MTHPT-137	MATH FOR TECHNOLOGY
MTHPT-153	STATISTICAL REASONING

**Humanistic & Artistic Ways of Knowing**

Select one course from two categories: 6.00-8.00

**Literature**

ENGL-175	LITERATURE AND IDEAS
ENGL-257	WORLD CLASSICS
ENGL-258	INTERNATIONAL LITERATURE
ENGL-260	NATIVE AMERICAN LITERATURE
ENGL-261	MYTHOLOGIES

**Arts**

ART-100	INTRODUCTION TO ART
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE
HUM-150	INTRODUCTION TO THE ARTS
MUS-101	SURVEY OF MUSIC
MUS-102	MUSIC IN AMERICA
MUS-150	WORLD MUSIC
MUS-151	HISTORY OF MUSICAL THEATER
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES
THEA-101	SURVEY OF THE THEATER

**Language**

NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II

**Scientific Ways of Knowing**

Select one course from two disciplines; one lab 7.00-8.00

BIOF-100	INTRODUCTION TO BIOINFORMATICS
BIOL-100	CONCEPTS OF BIOLOGY
BIOL-120	PLANTS AND PEOPLE
BIOL-123	BIOLOGY IN FILM
BIOL-175	HUMAN BIOLOGY
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I

CHEM-100	CONCEPTS OF CHEMISTRY
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY
CHEM-111	PRINCIPLES OF CHEMISTRY I
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE
CS-108	INTRODUCTION TO COMPUTER SCIENCE
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOL-101	PHYSICAL GEOLOGY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
ID-240	INTEGRATED SCIENCE II
NS-140	INTEGRATED SCIENCE I
NS-150	INTRODUCTION TO NATURAL SCIENCES <sup>1</sup>
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR
PHYS-111	GENERAL PHYSICS I
or PHYS-112	GENERAL PHYSICS II
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS
PHYS-205	DESCRIPTIVE ASTRONOMY
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I

**Social & Behavioral Ways of Knowing**

ECON-201	PRINCIPLES OF MACROECONOMICS	3.00
or ECON-202	PRINCIPLES OF MICROECONOMICS	
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	3.00

**Diversity**

Select one of the following: 3.00-4.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ANTH-360	RACE AND ETHNICITY
COMM-345	INTERCULTURAL COMMUNICATION
ENGL-258	INTERNATIONAL LITERATURE
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
POLS-285	COMPARATIVE GOVERNMENT
SOC-101	INTRODUCTION TO SOCIOLOGY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
SS-184	DIVERSITY IN ORGANIZATIONS

**Integrative Seminar: Ethics & Values**

Select one of the following: 3.00

ID 300A - 300Z (see course descriptions for options)	
ID-301A	HELLS CANYON INSTITUTE

**Foreign/Heritage Language**

Select 16 credits of language if selecting Bachelor of Arts Degree	16.00
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<b>Total Credits</b>	<b>37.00-43.00</b>
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## Program Requirements

Code	Title	Credits
<b>Business Requirements</b>		
AC-231	PRINCIPLES OF ACCOUNTING I	3.00
AC-232	PRINCIPLES OF ACCOUNTING II	3.00
BUS-101	INTRODUCTION TO BUSINESS	3.00
BUS-220	BUSINESS COMMUNICATIONS	3.00
BUS-311	FOUNDATIONS OF MANAGEMENT THEORY	3.00
BUS-321	PRINCIPLES OF MARKETING	3.00
BUS-365	BUSINESS LAW I	3.00
BUS-380	INTERNATIONAL BUSINESS	3.00
or BUS-482	INTERNATIONAL MARKETING	
Select one of the following:		3.00
BUS-271	BUSINESS STATISTICS	
ECON/PSYC/SS-300	STATISTICAL METHODS	
<b>Communication Requirements</b>		
COMM-320	PERSUASION	3.00
COMM-345	COMMUNICATION AND DIVERSITY	3.00
Select 21 credits from the following:		21.00
COMM-201	INTRODUCTION TO MASS COMMUNICATION	
COMM-202	INTERPERSONAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
COMM-205	LOGIC AND ARGUMENTATION	
COMM-300	EDITING FOR PRINT AND ONLINE	
COMM-301	MEDIA RELATIONS	
COMM-304	ADVANCED PUBLIC SPEAKING	
COMM-310	ORGANIZATIONAL COMMUNICATION	
COMM-330	PROFESSIONAL COMMUNICATION	
COMM-380	ETHICAL ISSUES IN COMMUNICATION	
COMM-384	COMMUNICATION THEORY	
COMM-392	SPECIAL TOPICS IN COMMUNICATIONS	
COMM-394	INTERNSHIP IN COMMUNICATIONS	
COMM-400	ADVERTISING	
COMM-405	MULTIMEDIA WRITING	
COMM-420	RESTORATIVE COMMUNICATION	
COMM-440	NEW MEDIA & COMMUNICATION	
COMM-470	HUMAN RELATIONS: CONFLICT MANAGEMENT	
COMM-492	SPECIAL TOPICS IN COMMUNICATIONS	
COMM-494	INTERNSHIP IN COMMUNICATIONS	
ENGL-203	TECHNICAL WRITING	
ENGL-304	WRITING FOR A DIGITAL AUDIENCE	
ENGL-305	ADVANCED WRITING AND COMMUNICATION	
ENGL-308	SURVEY OF PROFESSIONAL WRITING	
ENGL-497	PROFESSIONAL WRITING CAPSTONE	
<b>Capstone Area</b>		
Select one of the following capstone areas:		6.00
Communication Capstone:		
COMM-498	SENIOR RESEARCH PROJECT DESIGN	

COMM-499	RESEARCH PROJECT AND SEMINAR IN COMMUNICATIONS	
<b>Business Capstone:</b>		
BUS-498	SENIOR STRATEGIC SEMINAR	
<b>Experiential Component</b>		
Select one of the following:		
BUS-294	INTERNSHIP IN BUSINESS	
BUS-346	NONPROFIT MANAGEMENT	
BUS-394	INTERNSHIP IN BUSINESS	
BUS-405	ENTREPRENEURSHIP	
BUS-421	MARKETING RESEARCH	
BUS-494	INTERNSHIP IN BUSINESS	
<b>Electives</b>		
Select 23 elective credits		23.00
<b>Total Credits</b>		<b>83.00</b>

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
CORE	Oral Communication	3.00
CORE	Scientific Ways of Knowing	3.00
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
ENGL-102	WRITING AND RHETORIC II	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
ECON-201 or ECON-202	PRINCIPLES OF MACROECONOMICS or PRINCIPLES OF MICROECONOMICS	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Mathematical Ways of Knowing	3.00
CORE	Diversity	3.00
AC-231	PRINCIPLES OF ACCOUNTING I	3.00
BUS-101	INTRODUCTION TO BUSINESS	3.00
BUS-220	BUSINESS COMMUNICATIONS	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
CORE	Scientific Ways of Knowing	4.00
AC-232	PRINCIPLES OF ACCOUNTING II	3.00
Program Requirement	Select COMM Track course	3.00
Elective	Elective Credits	6.00
<b>Credits</b>		<b>16.00</b>
<b>Third Year</b>		
<b>Fall</b>		
COMM-320	PERSUASION	3.00
BUS-311	FOUNDATIONS OF MANAGEMENT THEORY	3.00
BUS-365	BUSINESS LAW I	3.00

Program Requirement	Select COMM Track course	3.00
CORE	Integrative Seminar: Ethics & Values	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
COMM-345	INTERCULTURAL COMMUNICATION	3.00
BUS-321	PRINCIPLES OF MARKETING	3.00
ECON-300 or BUS-271	STATISTICAL METHODS or BUSINESS STATISTICS	3.00
Program Requirement	Select COMM Track course	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Fourth Year</b>		
<b>Fall</b>		
BUS-380 or BUS-482	INTERNATIONAL BUSINESS or INTERNATIONAL MARKETING	3.00
COMM-498	SENIOR RESEARCH PROJECT DESIGN (or BUS: Experiential Component) <sup>1</sup>	3.00
Program Requirement	Select COMM Track course	3.00
Program Requirement	Select COMM Track course	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
COMM-499 or BUS-498	RESEARCH PROJECT AND SEMINAR IN COMMUNICATIONS or SENIOR STRATEGIC SEMINAR	3.00
Program Requirement	Select COMM Track course	3.00
Program Requirement	Select COMM Track course	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	2.00
<b>Credits</b>		<b>14.00</b>
<b>Total Credits</b>		<b>120.00</b>

Note: If a student wants to earn a Bachelor of Arts degree, they will need to complete 4 semesters (16 credits) of the same Foreign Language instead of taking elective credits.

<sup>1</sup> Experiential Component: Select one from the following course options: BUS-294, BUS-346, BUS-394, BUS-405, BUS-421, or BUS-494

Graduates with a BA/BS in Business and Communication go on to obtain careers in a variety of fields:

- Corporate Communications
- Legal Studies
- Marketing
- Media
- Public Relations
- Sales and Promotion

## Communication Arts BA/BS

Communications is an academic discipline that encompasses all forms of human communication. The broad range of communicative skills acquired from the study of this discipline may be applicable in any successful career or activity. Graduates with a degree in Communication Arts enter a wide variety of occupations, including radio and television broadcasting, public relations, technical editing, sales, government and academic administration, and teaching, to name a few. A number go on to graduate and professional schools. This major provides students with an understanding of communication in a variety of contexts (e.g., interpersonal, intercultural, organizational, political, and mass communication) and prepares them to be effective and well-rounded communicators. Participation in co-curricular activities such as public speaking competitions, speech and debate, and as staff for the campus newspaper and radio stations are available to students.

All Communication Arts graduates are required to complete:



1. An exit exam,
2. A portfolio, and
3. A senior research project with accompanying symposium presentation.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one of the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Arts</b>		
ART-100	INTRODUCTION TO ART	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	
THEA-101	SURVEY OF THE THEATER	
<b>Language</b>		
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
<b>Scientific Ways of Knowing</b>		
Select one course from two disciplines; one lab		7.00-8.00

BIOF-100	INTRODUCTION TO BIOINFORMATICS
BIOL-100	CONCEPTS OF BIOLOGY
BIOL-120	PLANTS AND PEOPLE
BIOL-123	BIOLOGY IN FILM
BIOL-175	HUMAN BIOLOGY
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I
CHEM-100	CONCEPTS OF CHEMISTRY
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY
CHEM-111	PRINCIPLES OF CHEMISTRY I
CS-108	INTRODUCTION TO COMPUTER SCIENCE
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOL-101	PHYSICAL GEOLOGY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
ID-240	INTEGRATED SCIENCE II
NS-140	INTEGRATED SCIENCE I
NS-150	INTRODUCTION TO NATURAL SCIENCES <sup>1</sup>
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR
PHYS-111	GENERAL PHYSICS I
or PHYS-112	GENERAL PHYSICS II
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS
PHYS-205	DESCRIPTIVE ASTRONOMY
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I

**Social & Behavioral Ways of Knowing**

Select from two disciplines: 6.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ECON-201	PRINCIPLES OF MACROECONOMICS
ECON-202	PRINCIPLES OF MICROECONOMICS
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS

**Diversity**

Select one of the following: 4.00

NP-101	NEZ PERCE LANGUAGE AND CULTURE
SPAN-101	ELEMENTARY SPANISH I

**Integrative Seminar: Ethics & Values**

Select one of the following: 3.00

ID 300A - 300Z (see course descriptions for options)

ID-301A HELLS CANYON INSTITUTE

**Foreign/Heritage Language**

Select courses in the chosen foreign/heritage language numbering 101, 102, 201, and 202 12.00

**Total Credits** 38.00-43.00

## Program Requirements

Code	Title	Credits
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**Major Courses**

COMM-201	INTRODUCTION TO MASS COMMUNICATION	3.00
COMM-202	INTERPERSONAL COMMUNICATION	3.00
COMM-301	MEDIA RELATIONS	3.00
COMM-310	ORGANIZATIONAL COMMUNICATION	3.00
COMM-320	PERSUASION	3.00
COMM-330	PROFESSIONAL COMMUNICATION	3.00
COMM-345	INTERCULTURAL COMMUNICATION	3.00
COMM-380	ETHICAL ISSUES IN COMMUNICATION	3.00
COMM-384	COMMUNICATION THEORY	3.00
COMM-440	SOCIAL MEDIA MARKETING	3.00
COMM-498	SENIOR RESEARCH PROJECT DESIGN	3.00
COMM-499	RESEARCH PROJECT AND SEMINAR IN COMMUNICATIONS	3.00

Select 12 credit of any COMM or from the following: 12.00

BUS-311 FOUNDATIONS OF MANAGEMENT THEORY

BUS-321 PRINCIPLES OF MARKETING

BUS-360 LEADERSHIP

BUS-431 PUBLIC RELATIONS

ENGL-304 WRITING FOR A DIGITAL AUDIENCE

ENGL-305 ADVANCED WRITING AND COMMUNICATION

ENGL-308 SURVEY OF PROFESSIONAL WRITING

ENGL-497 PROFESSIONAL WRITING CAPSTONE

PITPT-119 ADOBE INDESIGN

PITPT-139 ADOBE PHOTOSHOP

PITPT-229 PRINCIPLES OF DESIGN I

PITPT-254 PHOTOSHOP PHOTOGRAPHY

THEA-215 PRINCIPLES OF ACTING

**Foreign/Heritage Language**

Select 12 credits of language if selecting a Bachelor of Arts degree

Select 4 credits of language if selecting a Bachelor of Science degree

**Electives**

Select 22 elective credits 22.00-34.00

**Total Credits** 70.00-82.00

## Sequential Plan of Study

Course	Title	Credits
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**First Year****Fall**

COMM-101 or COMM-204	FUNDAMENTALS OF ORAL COMMUNICATION or PUBLIC SPEAKING	3.00
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CORE	Scientific Ways of Knowing	3.00
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NP-101 or SPAN-101	NEZ PERCE LANGUAGE AND CULTURE or ELEMENTARY SPANISH I	4.00
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CORE	Social & Behavioral Ways of Knowing	3.00
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ENGL-101	WRITING AND RHETORIC I	3.00
<b>Credits</b>		<b>16.00</b>
<b>Spring</b>		
ENGL-102	WRITING AND RHETORIC II	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Mathematical Ways of Knowing	3.00
COMM-211 or COMM-301	VIDEO PRODUCTION I or MEDIA RELATIONS	4.00
Program Requirement	COMM 200/300/400 Level	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	2.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
CORE	Scientific Ways of Knowing	4.00
CORE	Integrative Seminar: Ethics & Values	3.00
COMM-201	INTRODUCTION TO MASS COMMUNICATION	3.00
Program Requirement	COMM 200/300/400 Level	3.00
Elective	Elective Credits	2.00
<b>Credits</b>		<b>15.00</b>
<b>Third Year</b>		
<b>Fall</b>		
COMM-320	PERSUASION	3.00
COMM-384	COMMUNICATION THEORY	3.00
Program Requirement	Select COMM Track course	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
COMM-330	PROFESSIONAL COMMUNICATION	3.00
COMM-380	ETHICAL ISSUES IN COMMUNICATION	3.00
Program Requirement	COMM 200/300/400 Level	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Fourth Year</b>		
<b>Fall</b>		
COMM-498	SENIOR RESEARCH PROJECT DESIGN	3.00
Program Requirement	Select COMM Track course	3.00
Program Requirement	Select COMM Track course	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
COMM-499	RESEARCH PROJECT AND SEMINAR IN COMMUNICATIONS	3.00
Program Requirement	Select COMM Track course	3.00
Program Requirement	COMM 200/300/400 Level	3.00

Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>121.00</b>

Graduates with a BA/BS in Communication Arts go on to obtain careers in a variety of fields:

- Radio and Television Broadcasting
- Public Relations
- Technical Editing
- Sales
- Teaching
- Government and Academic Administrations
- Media
- Law

## Communication Arts: Secondary Education BA/BS

The Secondary Teacher Education program prepares teacher candidates for certification in grades 6-12. It requires 27 credits of Education coursework in professional foundations and studies and 13 credits during internship. Students apply for admission to the program after successfully completing nine credits of Education coursework in professional foundations. During the course of the studies, candidates may be asked to reapply to the program if their GPA falls below 3.0 in general coursework and 3.0 in their selected content area(s) of endorsement such as biology, chemistry, communication arts, earth science, English, math, natural sciences, physical education/health, psychology, or social studies. There are separate degree requirements for each major and minor endorsement area.

Secondary Teaching Certificates (6-12) are endorsed for subject areas according to Idaho Teacher Certification standards. All certificates require a minimum of 30 semester credits for a major endorsement area and 20 semester credits for a minor endorsement area, or a minimum of 45 semester credits for a single endorsement. The following LC State areas are approved for teaching field majors: Biology; Chemistry; Communication Arts with a Speech and Debate emphasis; Earth Science; English; Kinesiology-Physical Education K-12 and Health 6-12; Mathematics; Natural Sciences; Psychology; and Social Science with a History emphasis (see degree requirements for each major). For marketability purposes, students are encouraged to pursue endorsements and minors in a second teaching field; consult with an advisor for the proper procedure. Secondary Education majors must have a content area advisor and a Secondary Education advisor.

Graduates from other colleges or universities seeking secondary teacher certification must fulfill all Secondary Education professional coursework requirements in addition to meeting all academic major or minor teaching field requirements for subject area endorsement.

Students in the Secondary Education Certification program are expected to provide evidence through performance that they have met Idaho's requirements for certification and become dedicated and knowledgeable professionals, content specialists, competent educational designers, capable educational facilitators, insightful educational evaluators, reflective professionals, and culturally responsive professionals before being recommended for secondary teacher certification.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
COMM-204	PUBLIC SPEAKING	3.00
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	

MATH-253	STATISTICAL METHODS FOR THE SCIENCES
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II
MTHPT-130	FINITE MATHEMATICS
MTHPT-137	MATH FOR TECHNOLOGY
MTHPT-153	STATISTICAL REASONING

**Humanistic & Artistic Ways of Knowing**

Select one course from two categories: 6.00-8.00

<b>Literature</b>	
ENGL-175	LITERATURE AND IDEAS
ENGL-257	WORLD CLASSICS
ENGL-258	INTERNATIONAL LITERATURE
ENGL-260	NATIVE AMERICAN LITERATURE
ENGL-261	MYTHOLOGIES
<b>Arts</b>	
ART-100	INTRODUCTION TO ART
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE
HUM-150	INTRODUCTION TO THE ARTS
MUS-101	SURVEY OF MUSIC
MUS-102	MUSIC IN AMERICA
MUS-150	WORLD MUSIC
MUS-151	HISTORY OF MUSICAL THEATER
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES
THEA-101	SURVEY OF THE THEATER
<b>Language</b>	
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II

**Scientific Ways of Knowing**

Select one course from two disciplines; one lab 7.00-8.00

BIOF-100	INTRODUCTION TO BIOINFORMATICS
BIOL-100	CONCEPTS OF BIOLOGY
BIOL-120	PLANTS AND PEOPLE
BIOL-123	BIOLOGY IN FILM
BIOL-175	HUMAN BIOLOGY
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I
CHEM-100	CONCEPTS OF CHEMISTRY
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY
CHEM-111	PRINCIPLES OF CHEMISTRY I
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE
CS-108	INTRODUCTION TO COMPUTER SCIENCE
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOL-101	PHYSICAL GEOLOGY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
ID-240	INTEGRATED SCIENCE II
NS-140	INTEGRATED SCIENCE I
NS-150	INTRODUCTION TO NATURAL SCIENCES <sup>1</sup>
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR
PHYS-111	GENERAL PHYSICS I
or PHYS-112	GENERAL PHYSICS II
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS

PHYS-205	DESCRIPTIVE ASTRONOMY	
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I	
<b>Social &amp; Behavioral Ways of Knowing</b>		
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	3.00
Select one from the following:		3.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	
POLS-101	AMERICAN NATIONAL GOVERNMENT	
POLS-237	INTERNATIONAL POLITICS	
POLS-285	COMPARATIVE GOVERNMENT	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SOC-102	SOCIAL PROBLEMS	
SS-184	DIVERSITY IN ORGANIZATIONS	
SS-185	HUMAN RELATIONS IN ORGANIZATIONS	
<b>Diversity</b>		
Select one of the following:		4.00
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
SPAN-101	ELEMENTARY SPANISH I	
<b>Integrative Seminar: Ethics &amp; Values</b>		
Select one of the following:		3.00
ID 300A - 300Z (see course descriptions for options)		
ID-301A	HELLS CANYON INSTITUTE	
<b>Foreign/Heritage Language</b>		
Select 16 credits of language if selecting Bachelor of Arts Degree		16.00
<b>Total Credits</b>		<b>38.00-43.00</b>

## Program Requirements

Secondary certification candidates must meet the graduation requirements for their major and the Secondary Teacher Education Program and must have two advisors. (see below)

Code	Title	Credits
<b>Major Requirements</b>		
COMM-202	INTERPERSONAL COMMUNICATION	3.00
COMM-203	SMALL GROUP COMMUNICATION	3.00
COMM-205	LOGIC AND ARGUMENTATION	3.00
COMM-291	WORKSHOP IN COMMUNICATIONS	3.00
COMM-301	MEDIA RELATIONS	3.00
COMM-304	ADVANCED PUBLIC SPEAKING	3.00
COMM-320	PERSUASION	3.00
COMM-380	ETHICAL ISSUES IN COMMUNICATION	3.00
COMM-384	COMMUNICATION THEORY	3.00
COMM-420	RESTORATIVE COMMUNICATION	3.00
COMM-498	SENIOR RESEARCH PROJECT DESIGN	3.00

COMM-499	RESEARCH PROJECT AND SEMINAR IN COMMUNICATIONS	3.00
<b>Selectives</b>		
Select two courses from COMM or THEA Arts <sup>1</sup>		6.00
<b>Secondary Education Certificate</b>		
See Secondary Education Certificate Requirements below		
<b>Total Credits</b>		<b>42.00</b>

<sup>1</sup> See Catalog section "Teacher Education Division: Secondary Teacher Certification" regarding certification requirements for this major. Selective course choices could be affected.

## Secondary Education Certificate Requirements

Application for admission to the Teacher Education Program is required after successful completion of the first three Phase I courses.

Code	Title	Credits
<b>Phase I - Professional Foundations of Education</b>		
ED-214	PRINCIPLES OF EDUCATION <sup>1</sup>	3.00
ED-225	TECHNOLOGIES FOR TEACHING, K-12	3.00
ED-318	ASSESSMENT OF LEARNING <sup>1</sup>	3.00
ED-321	EDUCATIONAL PSYCHOLOGY <sup>1</sup>	3.00
ED-345	CULTURALLY RELEVANT TEACHING	3.00
SE-322	INCLUSION STRATEGIES K-12 (may be taken in Phase I or Phase II)	3.00
<b>Phase II - Professional Studies in Education</b>		
ED-445	INSTRUCTIONAL STRATEGIES AND CLASSROOM MANAGEMENT, 6-12	3.00
ED-447	TEACHING METHODS IN THE CONTENT AREA	2.00
RE-309	DISCIPLINARY LITERACY	3.00
<b>Phase III - Instructional Methods in Education</b>		
ED-452	INTERNSHIP SEMINAR	1.00
ED-460	PROFESSIONAL INTERNSHIP IN EDUCATION 6-12	12.00
<b>Total Credits</b>		<b>39.00</b>

<sup>1</sup> Additional requirements must be met for teacher certification. See your Teacher Education Division advisor for details.

No grade lower than a "C-" will be accepted in any General Education core, Content Major, or 200-level Professional Foundations course. No grade lower than a "B-" will be accepted in any 300- or 400-level education courses in the Secondary Education Program.

A minimum cumulative GPA of 3.0 is required for admission into the Secondary Teacher Education Program. Candidates must also maintain a 3.0 cumulative GPA in their content area classes.

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
COMM-204	PUBLIC SPEAKING	3.00
CORE	Scientific Ways of Knowing	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	3.00
SPAN-101 or NP-101	ELEMENTARY SPANISH I or NEZ PERCE LANGUAGE AND CULTURE	4.00
<b>Credits</b>		<b>16.00</b>
<b>Spring</b>		
COMM-202	INTERPERSONAL COMMUNICATION	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00



ENGL-102	WRITING AND RHETORIC II	3.00
	<b>Credits</b>	<b>12.00</b>
<b>Second Year</b>		
<b>Fall</b>		
COMM-203	SMALL GROUP COMMUNICATION	3.00
COMM-205	LOGIC AND ARGUMENTATION	3.00
COMM-291	WORKSHOP IN COMMUNICATIONS	3.00
CORE	Mathematical Ways of Knowing	3.00-5.00
Program Requirement	Select COMM or THEA course	3.00
	<b>Credits</b>	<b>15.00-17.00</b>
<b>Spring</b>		
CORE	Integrative Seminar: Ethics & Values	3.00
CORE	Scientific Ways of Knowing	4.00
CORE	Social & Behavioral Ways of Knowing	3.00
Program Requirement	Select COMM or THEA course	3.00
	<b>Credits</b>	<b>13.00</b>
<b>Third Year</b>		
<b>Fall</b>		
COMM-320	PERSUASION	3.00
COMM-384	COMMUNICATION THEORY	3.00
COMM-420	RESTORATIVE COMMUNICATION	3.00
COMM-498	SENIOR RESEARCH PROJECT DESIGN	3.00
	<b>Credits</b>	<b>12.00</b>
<b>Spring</b>		
COMM-301	MEDIA RELATIONS	3.00
COMM-304	ADVANCED PUBLIC SPEAKING	3.00
COMM-380	ETHICAL ISSUES IN COMMUNICATION	3.00
COMM-499	RESEARCH PROJECT AND SEMINAR IN COMMUNICATIONS	3.00
	<b>Credits</b>	<b>12.00</b>
	<b>Total Credits</b>	<b>80.00-82.00</b>

## Secondary Education Certificate Requirements

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ED-214	PRINCIPLES OF EDUCATION	3.00
ED-225	TECHNOLOGIES FOR TEACHING, K-12	3.00
ED-318	ASSESSMENT OF LEARNING	3.00
ED-321	EDUCATIONAL PSYCHOLOGY	3.00
ED-345	CULTURALLY RELEVANT TEACHING	3.00
	<b>Credits</b>	<b>15.00</b>
<b>Spring</b>		
ED-445	INSTRUCTIONAL STRATEGIES AND CLASSROOM MANAGEMENT, 6-12	3.00
ED-447	TEACHING METHODS IN THE CONTENT AREA	2.00
RE-309	DISCIPLINARY LITERACY	3.00
SE-322	INCLUSION STRATEGIES K-12	3.00
	<b>Credits</b>	<b>11.00</b>
<b>Second Year</b>		
<b>Fall</b>		
ED-452	INTERNSHIP SEMINAR	1.00

ED-460	PROFESSIONAL INTERNSHIP IN EDUCATION 6-12	12.00
	<b>Credits</b>	<b>13.00</b>
	<b>Total Credits</b>	<b>39.00</b>

Graduates with a BA/BA in Communication Arts: Secondary Education go on to obtain careers in a variety of fields:

- Secondary Language Arts/English Teacher (6-12)
- Adult and Continuing Education
- Training Specialist
- Business and Industry
- Instructional Coach
- Media

## Creative Writing BFA

The Creative Writing (BFA) program will afford students opportunities to work with many genres of writing: poetry, fiction, nonfiction, and screenwriting in studio/workshop settings. Students will also study literature, language, and fine & performing arts as part of the curriculum. Coursework will expose students to a wide array of writing and will engender critical discussion on content and the specific ways that craft can enhance or resolve problems in their work. These classes are taught in a supportive, yet constructively critical workshop format that builds the kind of community conducive to a successful learning and writing experience. The BFA program and faculty will prepare and mentor graduates in the pursuit of serious writing careers and/or postgraduate study. In addition to coursework, students will have the opportunity to share and perfect their craft in reading groups, open mic forums, internship/editing experiences with the *Talking River Review* (a literary magazine), internships at the Writing Center, and/or as writers/editors for the campus newspaper (*The Pathfinder*).

All BFA in Creative Writing graduates are required to complete:

- An exit interview and
- A senior research project with accompanying symposium presentation.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
COMM-204	PUBLIC SPEAKING	3.00
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	

ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Arts</b>		
ART-100	INTRODUCTION TO ART	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES	
THEA-101	SURVEY OF THE THEATER	
<b>Language</b>		
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
<b>Scientific Ways of Knowing</b>		
Select one course from two disciplines; one lab		7.00-8.00
BIOF-100	INTRODUCTION TO BIOINFORMATICS	
BIOL-100	CONCEPTS OF BIOLOGY	
BIOL-120	PLANTS AND PEOPLE	
BIOL-123	BIOLOGY IN FILM	
BIOL-175	HUMAN BIOLOGY	
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	
CHEM-100	CONCEPTS OF CHEMISTRY	
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	
CHEM-111	PRINCIPLES OF CHEMISTRY I	
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE	
CS-108	INTRODUCTION TO COMPUTER SCIENCE	
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE	
GEOL-101	PHYSICAL GEOLOGY	
GEOL-120	INTRODUCTION TO EARTH SYSTEMS	
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS	
ID-240	INTEGRATED SCIENCE II	
NS-140	INTEGRATED SCIENCE I	
NS-150	INTRODUCTION TO NATURAL SCIENCES <sup>1</sup>	
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR	
PHYS-111	GENERAL PHYSICS I	
or PHYS-112	GENERAL PHYSICS II	
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS	
PHYS-205	DESCRIPTIVE ASTRONOMY	
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I	
<b>Social &amp; Behavioral Ways of Knowing</b>		
Select from two disciplines:		6.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	

HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS

**Diversity**

Select one of the following: 4.00

NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II

**Integrative Seminar: Ethics & Values**

Select one of the following: 3.00

ID 300A - 300Z (see course descriptions for options)	
ID-301A	HELLS CANYON INSTITUTE

**Foreign/Heritage Language**

Select courses in the chosen foreign/heritage language numbering 101, 102, 201, and 202 12.00

**Total Credits** 50.00-55.00

## Program Requirements

Code	Title	Credits
<b>Major Courses</b>		
ENGL-210	LITERARY ANALYSIS	3.00
ENGL-267	BRITISH LITERATURE I	3.00
ENGL-277	AMERICAN LITERATURE I	3.00
Select one from the following:		3.00
ENGL-268	BRITISH LITERATURE II	
ENGL-278	AMERICAN LITERATURE II	
Select one from the following:		3.00
ENGL-215	INTERNSHIP IN PUBLISHING	
ENGL-385	JOURNAL & MANUSCRIPT EDITING	
<b>Upper Division Courses</b>		
ENGL-320	SHAKESPEARE	3.00
ENGL-431	HISTORY & STRUCTURE/ENGLISH LANGUAGE	3.00
ENGL-498	SENIOR PROJECT SEMINAR	2.00
ENGL-499	SENIOR PROJECT: ORAL DEFENSE AND PRESENTATION	1.00
Select one from the following:		3.00
ENGL-360	POETIC FORM	
ENGL-361	TECHNIQUES OF CREATIVE NONFICTION	
ENGL-362	TECHNIQUES OF FICTION	

**English Electives**

Select 12 credits from the following: 12.00

ENGL-209	CREATIVE WRITING:NON-FICTION
ENGL-211	CREATIVE WRITING POETRY
ENGL-212	CREATIVE WRITING:FICTION
ENGL-303	SCREENWRITING
ENGL-306	PLAYWRITING
ENGL-309	CREATIVE WRITING:NON-FICTION
ENGL-311	CREATIVE WRITING:POETRY
ENGL-312	CREATIVE WRITING:FICTION
ENGL-403	ADVANCED SCREENWRITING
ENGL-406	ADVANCED PLAYWRITING
ENGL-409	CREATIVE WRITING:NON-FICTION
ENGL-411	CREATIVE WRITING:POETRY
ENGL-412	CREATIVE WRITING:FICTION

Select one from the following: 3.00

ENGL-433	STUDIES IN MEDIEVAL LITERATURE
ENGL-450	CLASSICISM AND ROMANTICISM
ENGL-451	RENAISSANCE LITERATURE
ENGL-452	ANCIENT LITERATURE

Select two from the following: 6.00

ENGL-310	DEVELOPMENT OF THE NOVEL
ENGL-326	MODERNISM
ENGL-330	WOMEN, GENDER, AND SEXUALITY IN LITERATURE
ENGL-346	CONTEMPORARY LITERATURE
ENGL-360	POETIC FORM
ENGL-361	TECHNIQUES OF CREATIVE NONFICTION
ENGL-362	TECHNIQUES OF FICTION
ENGL-370	DRAMATIC LITERATURE
ENGL-372	LITERARY THEORY
ENGL-433	STUDIES IN MEDIEVAL LITERATURE
ENGL-450	CLASSICISM AND ROMANTICISM
ENGL-451	RENAISSANCE LITERATURE
ENGL-452	ANCIENT LITERATURE
ENGL-470	NINETEENTH CENTURY AMERICAN LITERATURE: ROMANTICISM AND REALISM
ENGL-473	NATIVE AMERICAN ORAL LITERATURE
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
ENGL-475	WESTERN AMERICAN LITERATURE
ENGL-476	AFRICAN AMERICAN LITERATURE
ENGL-478	NINETEENTH-CENTURY BRITISH LITERATURE

**Fine & Performing Arts Requirements**

Select two from the following: 6.00

ART 200/300/400 level	
ART-111	DRAWING I
ART-121	VISUAL COMMUNICATION/DESIGN PROCESS
ART-122	VISUAL COMMUNICATION/DESIGN PROCESS
ART-211	DRAWING II
ART-231	PAINTING I
ART-311	DRAWING III
ART-331	PAINTING II
ART-431	PAINTING III
COMM-450	DIGITAL PHOTOGRAPHY

MUS 200/300/400 level	
MUS-103	CONCERT CHOIR
MUS-106	JAZZ BAND
MUS-110	APPLIED MUSIC: PIANO
MUS-111	APPLIED MUSIC: VOICE
MUS-112	APPLIED MUSIC: GUITAR
MUS-113	APPLIED MUSIC: STRINGS
MUS-114	APPLIED MUSIC: BRASS
THEA 200/300/400 level	
<b>Electives</b>	
Select 16 elective credits	16.00
<b>Total Credits</b>	<b>70.00</b>

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
COMM-204	PUBLIC SPEAKING	3.00
CORE	Scientific Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
CORE	Foreign/Heritage Language	4.00
<b>Credits</b>		<b>16.00</b>
<b>Spring</b>		
ENGL-102	WRITING AND RHETORIC II	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
CORE	Foreign/Heritage Language	4.00
<b>Credits</b>		<b>16.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Mathematical Ways of Knowing	3.00
ENGL-267	BRITISH LITERATURE I	3.00
Program Requirements	ENGL-360, ENGL-361 or ENGL-362	3.00
CORE	Foreign/Heritage Language	4.00
Elective	Elective Credits	2.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
CORE	Scientific Ways of Knowing	4.00
CORE	Integrative Seminar: Ethics & Values	3.00
ENGL-210	LITERARY ANALYSIS	3.00
CORE	Foreign/Heritage Language	4.00
Elective	Elective Credits	1.00
<b>Credits</b>		<b>15.00</b>
<b>Third Year</b>		
<b>Fall</b>		
ENGL-277	AMERICAN LITERATURE I	3.00
ENGL-320	SHAKESPEARE	3.00
Program Requirement	Select English Elective course	3.00
Program Requirement	Select English Elective course	3.00

Program Requirement	Select English Elective course	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
ENGL-215 or ENGL-385	INTERNSHIP IN PUBLISHING or JOURNAL & MANUSCRIPT EDITING	3.00
ENGL-268 or ENGL-278	BRITISH LITERATURE II or AMERICAN LITERATURE II	3.00
ENGL-431	HISTORY & STRUCTURE/ENGLISH LANGUAGE	3.00
Program Requirement	Select English Elective course	3.00
Program Requirement	Select English Elective course	3.00
<b>Credits</b>		<b>15.00</b>
<b>Fourth Year</b>		
<b>Fall</b>		
ENGL-498	SENIOR PROJECT SEMINAR	2.00
Program Requirement	Select Fine & Performing Arts course	3.00
Program Requirement	Select Fine & Performing Arts course	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>14.00</b>
<b>Spring</b>		
ENGL-499	SENIOR PROJECT: ORAL DEFENSE AND PRESENTATION	1.00
Program Requirement	Select English Elective course	3.00
Program Requirement	Select English Elective course	3.00
Elective	Elective Credits	4.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>14.00</b>
<b>Total Credits</b>		<b>120.00</b>

Graduates with BFA in Creative Writing go on to obtain careers in a variety of fields:

- Fiction and Non-Fiction Author
- Journalism
- Marketing/Advertising
- Editorial Assistant
- Web Content Editor

## English BA

The major in English is useful in jobs where critical thinking, clear communication, and effective writing skills are a priority. Additionally, it is a recognized gateway to graduate study in literature and writing, as well as advanced professional degrees in law and medical school. Students who enjoy literature and are interested in growing as writers will find a major in English an enjoyable and marketable degree. Culminating in a senior project developed in close consultation with one or more faculty members, the major is designed to ensure broad familiarity with major periods and genres of American, British, and international literature, and is a way to study history and human cultures as well. A sense of community is strong among LC State English majors who provide a number of services to the campus community, including staffing our campus Writing Center.

All English graduates are required to complete:

1. An exit interview,
2. A senior research project, and
3. An accompanying symposium presentation of senior project.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00

ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	

**Oral Communication**

COMM-204	PUBLIC SPEAKING	3.00
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**Mathematical Ways of Knowing**

Select one of the following: 3.00-5.00

MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	

**Humanistic & Artistic Ways of Knowing**

Select one course from two categories: 6.00-8.00

**Literature**

ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	

**Arts**

ART-100	INTRODUCTION TO ART	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES	
THEA-101	SURVEY OF THE THEATER	

**Language**

NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	

**Scientific Ways of Knowing**

Select one course from two disciplines; one lab 7.00-8.00

BIOF-100	INTRODUCTION TO BIOINFORMATICS	
BIOL-100	CONCEPTS OF BIOLOGY	
BIOL-120	PLANTS AND PEOPLE	
BIOL-123	BIOLOGY IN FILM	
BIOL-175	HUMAN BIOLOGY	
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	
CHEM-100	CONCEPTS OF CHEMISTRY	
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	
CHEM-111	PRINCIPLES OF CHEMISTRY I	



CITPT-108	INTRODUCTION TO COMPUTER SCIENCE
CS-108	INTRODUCTION TO COMPUTER SCIENCE
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOL-101	PHYSICAL GEOLOGY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
ID-240	INTEGRATED SCIENCE II
NS-140	INTEGRATED SCIENCE I
NS-150	INTRODUCTION TO NATURAL SCIENCES <sup>1</sup>
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR
PHYS-111	GENERAL PHYSICS I
or PHYS-112	GENERAL PHYSICS II
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS
PHYS-205	DESCRIPTIVE ASTRONOMY
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I

**Social & Behavioral Ways of Knowing**

Select from two disciplines: 6.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ECON-201	PRINCIPLES OF MACROECONOMICS
ECON-202	PRINCIPLES OF MICROECONOMICS
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS

**Diversity**

Select one of the following: 4.00

NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II

**Integrative Seminar: Ethics & Values**

Select one of the following: 3.00

ID 300A - 300Z (see course descriptions for options)	
ID-301A	HELLS CANYON INSTITUTE

**Foreign/Heritage Language**

Select courses in the chosen foreign/heritage language numbering 101, 102, 201, and 202 12.00

**Total Credits** 50.00-55.00

## Program Requirements

Code	Title	Credits
<b>Lower Division Courses</b>		
ENGL-210	LITERARY ANALYSIS	3.00
ENGL-267	BRITISH LITERATURE I	3.00
ENGL-277	AMERICAN LITERATURE I	3.00
ENGL-268	BRITISH LITERATURE II	3.00
or ENGL-278	AMERICAN LITERATURE II	
<b>Upper Division Courses</b>		
ENGL-320	SHAKESPEARE	3.00
ENGL-431	HISTORY & STRUCTURE/ENGLISH LANGUAGE	3.00
ENGL-498	SENIOR PROJECT SEMINAR	2.00
ENGL-499	SENIOR PROJECT: ORAL DEFENSE AND PRESENTATION	1.00
<b>English - Creative Writing Electives</b>		
Select one of the following:		3.00
ENGL-209	CREATIVE WRITING:NON-FICTION	
ENGL-211	CREATIVE WRITING POETRY	
ENGL-212	CREATIVE WRITING:FICTION	
ENGL-309	CREATIVE WRITING:NON-FICTION	
ENGL-311	CREATIVE WRITING:POETRY	
ENGL-312	CREATIVE WRITING:FICTION	
ENGL-409	CREATIVE WRITING:NON-FICTION	
ENGL-411	CREATIVE WRITING:POETRY	
ENGL-412	CREATIVE WRITING:FICTION	
Select two of the following:		6.00
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-261	MYTHOLOGIES	
ENGL-330	WOMEN, GENDER, AND SEXUALITY IN LITERATURE	
ENGL-335	Course ENGL-335 Not Found	
ENGL-372	LITERARY THEORY	
ENGL-381	TEACHING LITERATURE	
ENGL-385	JOURNAL & MANUSCRIPT EDITING	
ENGL-386	TEACHING COMPOSITION	
Select one of the following:		3.00
ENGL-433	STUDIES IN MEDIEVAL LITERATURE	
ENGL-450	CLASSICISM AND ROMANTICISM	
ENGL-451	RENAISSANCE LITERATURE	
ENGL-452	ANCIENT LITERATURE	
Select three of the following:		9.00
ENGL-310	DEVELOPMENT OF THE NOVEL	
ENGL-326	MODERNISM	
ENGL-346	CONTEMPORARY LITERATURE	
ENGL-360	POETIC FORM	
ENGL-370	DRAMATIC LITERATURE	
ENGL-470	NINETEENTH CENTURY AMERICAN LITERATURE: ROMANTICISM AND REALISM	
ENGL-473	NATIVE AMERICAN ORAL LITERATURE	
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE	
ENGL-475	WESTERN AMERICAN LITERATURE	

ENGL-476	AFRICAN AMERICAN LITERATURE	
ENGL-478	NINETEENTH-CENTURY BRITISH LITERATURE	
<b>Select 6 Credits</b>		
Select two courses from any ENGL 200, 300, or 400 level		6.00
<b>Electives</b>		
Select 22 credits of elective courses		22.00
<b>Total Credits</b>		<b>70.00</b>

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
COMM-204	PUBLIC SPEAKING	3.00
CORE	Scientific Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
CORE	Foreign/Heritage Language	4.00
<b>Credits</b>		<b>16.00</b>
<b>Spring</b>		
ENGL-102	WRITING AND RHETORIC II	3.00
CORE	Foreign/Heritage Language	4.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
<b>Credits</b>		<b>16.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Mathematical Ways of Knowing	3.00
ENGL-267	BRITISH LITERATURE I	3.00
ENGL-277	AMERICAN LITERATURE I	3.00
CORE	Foreign/Heritage Language	4.00
Elective	Elective Credits	2.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
CORE	Scientific Ways of Knowing	4.00
CORE	Integrative Seminar: Ethics & Values	3.00
ENGL-210	LITERARY ANALYSIS	3.00
CORE	Foreign/Heritage Language	4.00
Elective	Elective Credits	1.00
<b>Credits</b>		<b>15.00</b>
<b>Third Year</b>		
<b>Fall</b>		
ENGL-320	SHAKESPEARE	3.00
Program Requirement	Select Creative Writing course	3.00
Program Requirement	Select Creative Writing course	3.00
Program Requirement	Select Creative Writing course	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
ENGL-431	HISTORY & STRUCTURE/ENGLISH LANGUAGE	3.00
ENGL-268 or ENGL-278	BRITISH LITERATURE II or AMERICAN LITERATURE II	3.00

Program Requirement	Select Creative Writing course	3.00
Program Requirement	Select Creative Writing course	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Fourth Year</b>		
<b>Fall</b>		
ENGL-498	SENIOR PROJECT SEMINAR	2.00
Program Requirement	Select Creative Writing course	3.00
Program Requirement	ENGL 200/300/400 Level	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>14.00</b>
<b>Spring</b>		
ENGL-499	SENIOR PROJECT: ORAL DEFENSE AND PRESENTATION	1.00
Program Requirement	Select Creative Writing course	3.00
Program Requirement	ENGL 200/300/400 Level	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	4.00
<b>Credits</b>		<b>14.00</b>
<b>Total Credits</b>		<b>120.00</b>

Graduates with a BA in English go on to obtain careers in a variety of fields:

- Writing and Editing
- Education
- Publishing
- Public Relations
- Law
- Advertising
- Business and Industry

## English: Publishing Arts BA

The Publishing Arts major provides students with hands-on opportunities in publication design (books and journals) as they work on the team that produces the *Talking River Review* (a student-run and nationally recognized literary journal). They develop skills in editing, project supervision, graphic design, utilizing up-to-date technology, business communication and organization, critical evaluation of written works, distribution, and sales. The Publishing Arts major also provides students with a dynamic exposure to literature, creative production, and workplace decision-making.

All English: Publishing Arts graduates are required to complete:

1. An exit interview and
2. A senior research project with accompanying symposium presentation.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
COMM-204	PUBLIC SPEAKING	3.00
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	

MATH-130	FINITE MATHEMATICS
MATH-143	COLLEGE ALGEBRA
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY
MATH-153	STATISTICAL REASONING
MATH-170	CALCULUS I
MATH-253	STATISTICAL METHODS FOR THE SCIENCES
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II
MTHPT-130	FINITE MATHEMATICS
MTHPT-137	MATH FOR TECHNOLOGY
MTHPT-153	STATISTICAL REASONING

### Humanistic & Artistic Ways of Knowing

Select one course from two categories:

6.00-8.00

#### Literature

ENGL-175	LITERATURE AND IDEAS
ENGL-257	WORLD CLASSICS
ENGL-258	INTERNATIONAL LITERATURE
ENGL-260	NATIVE AMERICAN LITERATURE
ENGL-261	MYTHOLOGIES

#### Arts

ART-100	INTRODUCTION TO ART
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE
HUM-150	INTRODUCTION TO THE ARTS
MUS-101	SURVEY OF MUSIC
MUS-102	MUSIC IN AMERICA
MUS-150	WORLD MUSIC
MUS-151	HISTORY OF MUSICAL THEATER
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES
THEA-101	SURVEY OF THE THEATER

#### Language

NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II

### Scientific Ways of Knowing

Select one course from two disciplines; one lab

7.00-8.00

BIOF-100	INTRODUCTION TO BIOINFORMATICS
BIOL-100	CONCEPTS OF BIOLOGY
BIOL-120	PLANTS AND PEOPLE
BIOL-123	BIOLOGY IN FILM
BIOL-175	HUMAN BIOLOGY
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I
CHEM-100	CONCEPTS OF CHEMISTRY
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY
CHEM-111	PRINCIPLES OF CHEMISTRY I
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE
CS-108	INTRODUCTION TO COMPUTER SCIENCE
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOL-101	PHYSICAL GEOLOGY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
ID-240	INTEGRATED SCIENCE II
NS-140	INTEGRATED SCIENCE I

NS-150	INTRODUCTION TO NATURAL SCIENCES <sup>1</sup>	
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR	
PHYS-111 or PHYS-112	GENERAL PHYSICS I GENERAL PHYSICS II	
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS	
PHYS-205	DESCRIPTIVE ASTRONOMY	
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I	
<b>Social &amp; Behavioral Ways of Knowing</b>		
Select from two disciplines:		6.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	
POLS-101	AMERICAN NATIONAL GOVERNMENT	
POLS-237	INTERNATIONAL POLITICS	
POLS-285	COMPARATIVE GOVERNMENT	
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SOC-102	SOCIAL PROBLEMS	
SS-184	DIVERSITY IN ORGANIZATIONS	
SS-185	HUMAN RELATIONS IN ORGANIZATIONS	
<b>Diversity</b>		
Select one of the following:		4.00
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
SPAN-201	INTERMEDIATE SPANISH I	
SPAN-202	INTERMEDIATE SPANISH II	
<b>Integrative Seminar: Ethics &amp; Values</b>		
Select one of the following:		3.00
ID 300A - 300Z (see course descriptions for options)		
ID-301A	HELLS CANYON INSTITUTE	
<b>Foreign/Heritage Language</b>		
Select courses in the chosen foreign/heritage language numbering 101, 102, 201, and 202		12.00
<b>Total Credits</b>		<b>50.00-55.00</b>

## Program Requirements

Code	Title	Credits
<b>Lower Division Courses</b>		
ENGL-210	LITERARY ANALYSIS	3.00
ENGL-215	INTERNSHIP IN PUBLISHING	4.00
ENGL-267	BRITISH LITERATURE I	3.00

ENGL-277	AMERICAN LITERATURE I	3.00
ENGL-268	BRITISH LITERATURE II	3.00
or ENGL-278	AMERICAN LITERATURE II	

**Upper Division Courses**

BUS-321	PRINCIPLES OF MARKETING	3.00
ENGL-300	EDITING FOR PRINT AND ONLINE	3.00
ENGL-315	INTERNSHIP IN PUBLISHING	4.00
ENGL-320	SHAKESPEARE	3.00
ENGL-415	INTERNSHIP IN PUBLISHING	4.00
ENGL-431	HISTORY & STRUCTURE/ENGLISH LANGUAGE	3.00
ENGL-498	SENIOR PROJECT SEMINAR	2.00
ENGL-499	SENIOR PROJECT: ORAL DEFENSE AND PRESENTATION	1.00
ENGL-305	ADVANCED WRITING AND COMMUNICATION	3.00
or ENGL-360	POETIC FORM	
or ENGL-361	TECHNIQUES OF CREATIVE NONFICTION	
or ENGL-362	TECHNIQUES OF FICTION	
or ENGL-308	SURVEY OF PROFESSIONAL WRITING	

**English - Publishing Arts Selectives**

Select 6 credits from the following:		6.00
ENGL-209	CREATIVE WRITING:NON-FICTION	
ENGL-211	CREATIVE WRITING POETRY	
ENGL-212	CREATIVE WRITING:FICTION	
ENGL-303	SCREENWRITING	
ENGL-309	CREATIVE WRITING:NON-FICTION	
ENGL-311	CREATIVE WRITING:POETRY	
ENGL-312	CREATIVE WRITING:FICTION	
ENGL-409	CREATIVE WRITING:NON-FICTION	
ENGL-411	CREATIVE WRITING:POETRY	
ENGL-412	CREATIVE WRITING:FICTION	

Select 3 credits of ENGL 300/400 level 3.00

**Electives**

Select 19 elective credits 19.00

**Total Credits 70.00**

**Sequential Plan of Study**

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
COMM-204	PUBLIC SPEAKING	3.00
CORE	Scientific Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
CORE	Foreign/Heritage Language	4.00
ENGL-101	WRITING AND RHETORIC I	3.00
<b>Credits</b>		<b>16.00</b>
<b>Spring</b>		
ENGL-102	WRITING AND RHETORIC II	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
CORE	Foreign/Heritage Language	4.00
<b>Credits</b>		<b>16.00</b>

**Second Year****Fall**

CORE	Mathematical Ways of Knowing	3.00
ENGL-267	BRITISH LITERATURE I	3.00
ENGL-277	AMERICAN LITERATURE I	3.00
CORE	Foreign/Heritage Language	4.00
Elective	Elective Credits	2.00

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<b>Credits</b>		<b>15.00</b>
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**Spring**

CORE	Scientific Ways of Knowing	4.00
CORE	Integrative Seminar: Ethics & Values	3.00
ENGL-210	LITERARY ANALYSIS	3.00
CORE	Foreign/Heritage Language	4.00
Elective	Elective Credits	1.00

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<b>Credits</b>		<b>15.00</b>
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**Third Year****Fall**

BUS-321	PRINCIPLES OF MARKETING	3.00
ENGL-215	INTERNSHIP IN PUBLISHING	4.00
ENGL-305 or ENGL-360 or ENGL-361 or ENGL-362 or ENGL-308	ADVANCED WRITING AND COMMUNICATION or POETIC FORM or TECHNIQUES OF CREATIVE NONFICTION or TECHNIQUES OF FICTION or SURVEY OF PROFESSIONAL WRITING	3.00
ENGL-320	SHAKESPEARE	3.00
Elective	Elective Credits	2.00

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<b>Credits</b>		<b>15.00</b>
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**Spring**

ENGL-268 or ENGL-278	BRITISH LITERATURE II or AMERICAN LITERATURE II	3.00
ENGL-300	EDITING FOR PRINT AND ONLINE	3.00
ENGL-415	INTERNSHIP IN PUBLISHING	4.00
ENGL-431	HISTORY & STRUCTURE/ENGLISH LANGUAGE	3.00
Elective	Elective Credits	1.00

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<b>Credits</b>		<b>14.00</b>
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**Fourth Year****Fall**

ENGL-498	SENIOR PROJECT SEMINAR	2.00
Program Requirement	ENGL 300/400 Level	3.00
Program Requirement	Select Publishing Arts course	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00

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<b>Credits</b>		<b>14.00</b>
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**Spring**

ENGL-315	INTERNSHIP IN PUBLISHING	4.00
ENGL-499	SENIOR PROJECT: ORAL DEFENSE AND PRESENTATION	1.00
Program Requirement	Select Publishing Arts course	3.00
Elective	Elective Credits	7.00

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<b>Credits</b>		<b>15.00</b>
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<b>Total Credits</b>		<b>120.00</b>
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Graduates with a BA English: Publishing Arts go on to obtain careers in a variety of fields:



- Author
- Editor
- Illustration, Design, and Production
- Intellectual Property and Copyright Law
- Technical Editing
- Literary Agent
- Public Relations Manager
- Education
- Journalism

## English: Secondary Education BA

The Teacher Education program prepares candidates for certification in grades K-12. The Secondary Education program requires 27 credits of Education course work in professional foundations and studies and 13 credits during internship. Students apply for admission to the program after successfully completing nine credits of Education course work in professional foundations. During the course of the studies, candidates may be asked to reapply to the program if their GPA falls below 3.0 in general course work and 3.0 in their selected content area(s) of endorsement such as biology, chemistry, communication arts, earth science, English, math, natural sciences, physical education/health, psychology, or social studies. There are separate degree requirements for each major and minor endorsement area.

Teaching endorsement areas are attached to a Standard Instructional Certificate (grades K-12), according to Idaho Teacher Certification standards. All endorsements require a minimum of 30 semester credits a major endorsement along with 20 semester credits for a minor endorsement, or a minimum of 45 semester credits for a single teaching field endorsement. The following LC State areas are approved for teaching field majors: Biology, Chemistry, Communication Arts, Earth Science, English; Kinesiology-Physical Education K-12 and Health 6-12; Mathematics; Natural Sciences; Psychology; and Social Science with a History emphasis (see degree requirements for each major). Teacher candidates must successfully pass the related Praxis II exam in their teaching content area(s).

For marketability purposes, students are encouraged to pursue endorsements and minors in a second teaching field; consult with an advisor for the proper procedure. Secondary Education majors must have a content area advisor and a Secondary Education advisor.

Graduates from other colleges or universities seeking secondary teacher certification must fulfill all Secondary Education professional course work requirements in addition to meeting all academic major or minor teaching field requirements for subject area endorsement.

Students in the Teacher Education Certification program are expected to provide evidence through performance that they have met Idaho's requirements for certification and become dedicated and knowledgeable professionals, content specialists, competent educational designers, capable educational facilitators, insightful educational evaluators, reflective professionals, and culturally responsive professionals before being recommended for teacher certification.

## Advising

Secondary Teacher Education candidates must have two advisors; one for their academic major and one for teacher certification.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
COMM-204	PUBLIC SPEAKING	3.00
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	

MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Arts</b>		
ART-100	INTRODUCTION TO ART	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES	
THEA-101	SURVEY OF THE THEATER	
<b>Language</b>		
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
<b>Scientific Ways of Knowing</b>		
Select one course from two disciplines; one lab		7.00-8.00
BIOF-100	INTRODUCTION TO BIOINFORMATICS	
BIOL-100	CONCEPTS OF BIOLOGY	
BIOL-120	PLANTS AND PEOPLE	
BIOL-123	BIOLOGY IN FILM	
BIOL-175	HUMAN BIOLOGY	
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	
CHEM-100	CONCEPTS OF CHEMISTRY	
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	
CHEM-111	PRINCIPLES OF CHEMISTRY I	
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE	
CS-108	INTRODUCTION TO COMPUTER SCIENCE	
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE	
GEOL-101	PHYSICAL GEOLOGY	
GEOL-120	INTRODUCTION TO EARTH SYSTEMS	
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS	
ID-240	INTEGRATED SCIENCE II	
NS-140	INTEGRATED SCIENCE I	
NS-150	INTRODUCTION TO NATURAL SCIENCES <sup>1</sup>	
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR	
PHYS-111	GENERAL PHYSICS I	
or PHYS-112	GENERAL PHYSICS II	
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS	
PHYS-205	DESCRIPTIVE ASTRONOMY	

PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I	
<b>Social &amp; Behavioral Ways of Knowing</b>		
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	3.00
Select one from the following:		3.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	
POLS-101	AMERICAN NATIONAL GOVERNMENT	
POLS-237	INTERNATIONAL POLITICS	
POLS-285	COMPARATIVE GOVERNMENT	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SOC-102	SOCIAL PROBLEMS	
SS-184	DIVERSITY IN ORGANIZATIONS	
SS-185	HUMAN RELATIONS IN ORGANIZATIONS	
<b>Diversity</b>		
Select one of the following:		4.00
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
SPAN-101	ELEMENTARY SPANISH I	
<b>Integrative Seminar: Ethics &amp; Values</b>		
Select one of the following:		3.00
ID 300A - 300Z (see course descriptions for options)		
ID-301A	HELLS CANYON INSTITUTE	
<b>Foreign/Heritage Language</b>		
Select courses in the chosen foreign/heritage language numbering 101, 102, 201 and 202		12.00
<b>Total Credits</b>		<b>50.00-55.00</b>

## Program Requirements

Secondary certification candidates must meet the graduation requirements for their major and the Secondary Teacher Education Program and must have two advisors. (see below)

Code	Title	Credits
<b>English Program - Lower Division Courses</b>		
ENGL-210	LITERARY ANALYSIS	3.00
ENGL-267	BRITISH LITERATURE I	3.00
ENGL-277	AMERICAN LITERATURE I	3.00
ENGL-268	BRITISH LITERATURE II	3.00
or ENGL-278	AMERICAN LITERATURE II	
<b>English Program - Upper Division Courses</b>		
ENGL-305	ADVANCED WRITING AND COMMUNICATION	3.00
ENGL-320	SHAKESPEARE	3.00
ENGL-386	TEACHING COMPOSITION	3.00
ENGL-431	HISTORY & STRUCTURE/ENGLISH LANGUAGE	3.00
ENGL-498	SENIOR PROJECT SEMINAR	2.00
ENGL-499	SENIOR PROJECT: ORAL DEFENSE AND PRESENTATION	1.00

**English Selectives**

Select one of the following:		3.00
ENGL-209	CREATIVE WRITING:NON-FICTION	
ENGL-211	CREATIVE WRITING POETRY	
ENGL-212	CREATIVE WRITING:FICTION	
ENGL-309	CREATIVE WRITING:NON-FICTION	
ENGL-311	CREATIVE WRITING:POETRY	
ENGL-312	CREATIVE WRITING:FICTION	
ENGL-409	CREATIVE WRITING:NON-FICTION	
ENGL-411	CREATIVE WRITING:POETRY	
ENGL-412	CREATIVE WRITING:FICTION	
Select one of the following:		3.00
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-261	MYTHOLOGIES	
ENGL-381	TEACHING LITERATURE	
ENGL-385	JOURNAL & MANUSCRIPT EDITING	
Select three of the following:		9.00
ENGL-310	DEVELOPMENT OF THE NOVEL	
ENGL-326	MODERNISM	
ENGL-346	CONTEMPORARY LITERATURE	
ENGL-360	POETIC FORM	
ENGL-370	DRAMATIC LITERATURE	
ENGL-372	LITERARY THEORY	
ENGL-470	NINETEENTH CENTURY AMERICAN LITERATURE: ROMANTICISM AND REALISM	
ENGL-473	NATIVE AMERICAN ORAL LITERATURE	
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE	
ENGL-475	WESTERN AMERICAN LITERATURE	
ENGL-478	NINETEENTH-CENTURY BRITISH LITERATURE	
Select one of the following:		3.00
ENGL-433	STUDIES IN MEDIEVAL LITERATURE	
ENGL-450	CLASSICISM AND ROMANTICISM	
ENGL-451	RENAISSANCE LITERATURE	
ENGL-452	ANCIENT LITERATURE	
Select 3 credits from any 200, 300, or 400 ENGL level <sup>1</sup>		3.00

**Secondary Education Certificate**

See Secondary Education Certificate Requirements below

**Total Credits** **48.00**

<sup>1</sup> See Catalog section "Teacher Education Division: Secondary Teacher Certification" regarding certification requirements for this major. Selective course choices could be affected.

**Secondary Education Certificate Requirements**

Application for admission to the Teacher Education Program is required after successful completion of the first three Phase I courses.

Code	Title	Credits
<b>Phase I - Professional Foundations of Education</b>		
ED-214	PRINCIPLES OF EDUCATION <sup>1</sup>	3.00
ED-225	TECHNOLOGIES FOR TEACHING, K-12	3.00
ED-318	ASSESSMENT OF LEARNING <sup>1</sup>	3.00
ED-321	EDUCATIONAL PSYCHOLOGY <sup>1</sup>	3.00
ED-345	CULTURALLY RELEVANT TEACHING	3.00

SE-322	INCLUSION STRATEGIES K-12	3.00
<b>Phase II - Professional Studies in Education</b>		
ED-445	INSTRUCTIONAL STRATEGIES AND CLASSROOM MANAGEMENT, 6-12	3.00
ED-447	TEACHING METHODS IN THE CONTENT AREA	2.00
RE-309	DISCIPLINARY LITERACY	3.00
<b>Phase III - Instructional Methods in Education</b>		
ED-452	INTERNSHIP SEMINAR	1.00
ED-460	PROFESSIONAL INTERNSHIP IN EDUCATION 6-12	12.00
<b>Total Credits</b>		<b>39.00</b>

<sup>1</sup> Additional requirements must be met for teacher certification. See your Teacher Education Division advisor for details.

No grade lower than a "C-" will be accepted in any General Education core, Content Major, or 200-level Professional Foundations course. No grade lower than a "B-" will be accepted in any 300- or 400-level courses in Secondary Education.

A minimum cumulative GPA of 3.0 is required for admission into the Secondary Teacher Education Program. Candidates must also maintain a 3.0 cumulative GPA in their content area classes.

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
COMM-204	PUBLIC SPEAKING	3.00
CORE	Scientific Ways of Knowing	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
Program Requirement	Select ENGL Selective course	3.00
SPAN-101 or NP-101	ELEMENTARY SPANISH I or NEZ PERCE LANGUAGE AND CULTURE	4.00
<b>Credits</b>		<b>16.00</b>
<b>Spring</b>		
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
ENGL-102	WRITING AND RHETORIC II	3.00
Program Requirement	Select ENGL Selective course	3.00
SPAN-102 or NP-102	ELEMENTARY SPANISH II or NEZ PERCE LANGUAGE AND HISTORY	4.00
<b>Credits</b>		<b>16.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Mathematical Ways of Knowing	3.00-5.00
ENGL-267	BRITISH LITERATURE I	3.00
Program Requirement	Select ENGL Selective course	3.00
SPAN-201 or NP-201	INTERMEDIATE SPANISH I or INTERMEDIATE NEZ PERCE LANGUAGE I	4.00
<b>Credits</b>		<b>16.00-18.00</b>
<b>Spring</b>		
CORE	Integrative Seminar: Ethics & Values	3.00
CORE	Scientific Ways of Knowing	4.00
ENGL-210	LITERARY ANALYSIS	3.00
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	3.00
SPAN-202 or NP-202	INTERMEDIATE SPANISH II or INTERMEDIATE NEZ PERCE LANGUAGE II	4.00
<b>Credits</b>		<b>17.00</b>

**Third Year****Fall**

ENGL-320	SHAKESPEARE	3.00
ENGL-277	AMERICAN LITERATURE I	3.00
ENGL-305	ADVANCED WRITING AND COMMUNICATION	3.00
ENGL-498	SENIOR PROJECT SEMINAR	2.00
Program Requirement	Select ENGL Selective course	3.00
<b>Credits</b>		<b>14.00</b>

**Spring**

ENGL-268 or ENGL-278	BRITISH LITERATURE II or AMERICAN LITERATURE II	3.00
ENGL-431	HISTORY & STRUCTURE/ENGLISH LANGUAGE	3.00
ENGL-499	SENIOR PROJECT: ORAL DEFENSE AND PRESENTATION	1.00
Program Requirement	Select ENGL Selective course	3.00
Program Requirement	Select ENGL course 200 level and above	3.00
<b>Credits</b>		<b>13.00</b>

**Fourth Year****Fall**

Program Requirement	Select ENGL Selective course	3.00
ENGL-386	TEACHING COMPOSITION	3.00
<b>Credits</b>		<b>6.00</b>

**Total Credits****98.00-100.00****Secondary Education Certificate Requirements**

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ED-214	PRINCIPLES OF EDUCATION	3.00
ED-225	TECHNOLOGIES FOR TEACHING, K-12	3.00
ED-318	ASSESSMENT OF LEARNING	3.00
ED-321	EDUCATIONAL PSYCHOLOGY	3.00
ED-345	CULTURALLY RELEVANT TEACHING	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
ED-445	INSTRUCTIONAL STRATEGIES AND CLASSROOM MANAGEMENT, 6-12	3.00
ED-447	TEACHING METHODS IN THE CONTENT AREA	2.00
RE-309	DISCIPLINARY LITERACY	3.00
SE-322	INCLUSION STRATEGIES K-12	3.00
<b>Credits</b>		<b>11.00</b>
<b>Second Year</b>		
<b>Fall</b>		
ED-452	INTERNSHIP SEMINAR	1.00
ED-460	PROFESSIONAL INTERNSHIP IN EDUCATION 6-12	12.00
<b>Credits</b>		<b>13.00</b>
<b>Total Credits</b>		<b>39.00</b>

Graduates with a BA in English: Secondary Education go on to obtain careers in a variety of fields:

- Secondary Language Arts/English Teacher (6-12)
- Adult and Continuing Education
- Training Specialist
- Business and Industry

- Instructional Coach
- Media

## General Studies: Humanities BA/BS

The General Studies: Humanities major offers an opportunity to customize a bachelor's degree program to help students meet their academic goals and prepare for a variety of professions or for graduate school. Students work closely with an advisor to develop an approved bachelor's degree program that includes depth and breadth in at least four disciplines in the Humanities: Art, Communication Arts, English, History, Humanities, Music, Nez Perce Language, Philosophy, Spanish, and Theatre. This degree can be completed online, face-to-face, or a combination of the two.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Arts</b>		
ART-100	INTRODUCTION TO ART	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES	
THEA-101	SURVEY OF THE THEATER	

**Language**

NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II

**Scientific Ways of Knowing**

Select one course from two disciplines; one lab 7.00-8.00

BIOF-100	INTRODUCTION TO BIOINFORMATICS
BIOL-100	CONCEPTS OF BIOLOGY
BIOL-120	PLANTS AND PEOPLE
BIOL-123	BIOLOGY IN FILM
BIOL-175	HUMAN BIOLOGY
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I
CHEM-100	CONCEPTS OF CHEMISTRY
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY
CHEM-111	PRINCIPLES OF CHEMISTRY I
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE
CS-108	INTRODUCTION TO COMPUTER SCIENCE
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOL-101	PHYSICAL GEOLOGY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
ID-240	INTEGRATED SCIENCE II
NS-140	INTEGRATED SCIENCE I
NS-150	INTRODUCTION TO NATURAL SCIENCES <sup>1</sup>
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR
PHYS-111 or PHYS-112	GENERAL PHYSICS I GENERAL PHYSICS II
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS
PHYS-205	DESCRIPTIVE ASTRONOMY
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I

**Social & Behavioral Ways of Knowing**

Select one course from two disciplines: 6.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ECON-201	PRINCIPLES OF MACROECONOMICS
ECON-202	PRINCIPLES OF MICROECONOMICS
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS



SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS

**Diversity**

Select one of the following: 3.00-4.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ANTH-360	RACE AND ETHNICITY
COMM-345	INTERCULTURAL COMMUNICATION
ENGL-258	INTERNATIONAL LITERATURE
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
ID-300C	ETHICS AND IDENTITY
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
POLS-285	COMPARATIVE GOVERNMENT
SOC-101	INTRODUCTION TO SOCIOLOGY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
SS-184	DIVERSITY IN ORGANIZATIONS

**Integrative Seminar: Ethics & Values**

Select one of the following: 3.00

ID 300A - 300Z (see course descriptions for options)	
ID-301A	HELLS CANYON INSTITUTE

**Foreign/Heritage Language**

Select 16 credits of language if selecting Bachelor of Arts Degree 16.00

**Total Credits** 37.00-43.00

## Program Requirements

Code	Title	Credits
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**Major Courses**

Select 51 credits from these disciplines - ART; COMM; ENGL; HIST; HUM; ID; MUS; NP; PHIL; SPAN; THEA 51.00

A minimum of 30 upper division credits in the Major area

One course from at least 4 of the Division's disciplines

Note: Major credits may not duplicate General Education courses

Select one of the following: 3.00

COMM-499	RESEARCH PROJECT AND SEMINAR IN COMMUNICATIONS
ENGL-305	ADVANCED WRITING AND COMMUNICATION
ENGL-498 & ENGL-499	SENIOR PROJECT SEMINAR and SENIOR PROJECT: ORAL DEFENSE AND PRESENTATION
ID-450	INTERDISCIPLINARY STUDIES SEMINAR

**Electives**

Select 29 elective credits	29.00
<b>Total Credits</b>	<b>83.00</b>

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
CORE	Oral Communication	3.00
CORE	Scientific Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
ENGL-102	WRITING AND RHETORIC II	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Mathematical Ways of Knowing	3.00
CORE	Diversity	3.00
HUM	Humanities Course <sup>1</sup>	3.00
HUM	Humanities Course <sup>1</sup>	3.00
HUM	Humanities Course <sup>1</sup>	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
CORE	Scientific Ways of Knowing	4.00
CORE	Integrative Seminar: Ethics & Values	3.00
HUM	Humanities Course <sup>1</sup>	3.00
HUM	Humanities Course <sup>1</sup>	3.00
Elective	Elective Credits	2.00
<b>Credits</b>		<b>15.00</b>
<b>Third Year</b>		
<b>Fall</b>		
ENGL-305	ADVANCED WRITING AND COMMUNICATION	3.00
HUM	Humanities Course <sup>1</sup>	3.00
HUM	Humanities Course <sup>1</sup>	3.00
HUM	HUM 300/400 Level <sup>1</sup>	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
HUM	Humanities Course <sup>1</sup>	3.00
HUM	Humanities Course <sup>1</sup>	3.00
HUM	Humanities Course <sup>1</sup>	3.00
HUM	HUM 300/400 Level <sup>1</sup>	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>

**Fourth Year****Fall**

HUM	HUM 300/400 Level <sup>1</sup>	3.00
HUM	HUM 300/400 Level <sup>1</sup>	3.00
HUM	HUM 300/400 Level <sup>1</sup>	3.00
HUM	HUM 300/400 Level <sup>1</sup>	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>

**Spring**

HUM	HUM 300/400 Level <sup>1</sup>	3.00
HUM	HUM 300/400 Level <sup>1</sup>	3.00
HUM	HUM 300/400 Level <sup>1</sup>	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>120.00</b>

<sup>1</sup> Humanities course may come from the following disciplines: ART, COMM, ENGL, HIST, HUM, MUS, NP, PHIL, SPAN or THEA. Must take courses from at least 4 different disciplines.

The BA/BS in General Studies: Humanities prepares students for a wide variety of opportunities including professional employment and graduate school.

## Liberal Arts AA

This 60 credit Associate of Arts degree allows students to explore different areas of study, complete the General Education Core, and transfer into a 4-year baccalaureate program.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	

### Humanistic & Artistic Ways of Knowing

Select one course from two categories: 6.00-8.00

**Literature**

ENGL-175	LITERATURE AND IDEAS
ENGL-257	WORLD CLASSICS
ENGL-258	INTERNATIONAL LITERATURE
ENGL-260	NATIVE AMERICAN LITERATURE
ENGL-261	MYTHOLOGIES

**Arts**

ART-100	INTRODUCTION TO ART
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE
HUM-150	INTRODUCTION TO THE ARTS
MUS-101	SURVEY OF MUSIC
MUS-102	MUSIC IN AMERICA
MUS-150	WORLD MUSIC
MUS-151	HISTORY OF MUSICAL THEATER
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES
THEA-101	SURVEY OF THE THEATER

**Language**

NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II

**Scientific Ways of Knowing**

Select one course from two disciplines; one lab 7.00-8.00

BIOF-100	INTRODUCTION TO BIOINFORMATICS
BIOL-100	CONCEPTS OF BIOLOGY
BIOL-120	PLANTS AND PEOPLE
BIOL-123	BIOLOGY IN FILM
BIOL-175	HUMAN BIOLOGY
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I
CHEM-100	CONCEPTS OF CHEMISTRY
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY
CHEM-111	PRINCIPLES OF CHEMISTRY I
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE
CS-108	INTRODUCTION TO COMPUTER SCIENCE
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOL-101	PHYSICAL GEOLOGY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
ID-240	INTEGRATED SCIENCE II
NS-140	INTEGRATED SCIENCE I
NS-150	INTRODUCTION TO NATURAL SCIENCES <sup>1</sup>
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR
PHYS-111 or PHYS-112	GENERAL PHYSICS I GENERAL PHYSICS II
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS
PHYS-205	DESCRIPTIVE ASTRONOMY
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I

**Social & Behavioral Ways of Knowing**

Select one course from two disciplines: 6.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY

ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ECON-201	PRINCIPLES OF MACROECONOMICS
ECON-202	PRINCIPLES OF MICROECONOMICS
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS

**Diversity**

Select one of the following: 3.00-4.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ANTH-360	RACE AND ETHNICITY
COMM-345	INTERCULTURAL COMMUNICATION
ENGL-258	INTERNATIONAL LITERATURE
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
ID-300C	ETHICS AND IDENTITY
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
POLS-285	COMPARATIVE GOVERNMENT
SOC-101	INTRODUCTION TO SOCIOLOGY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
SS-184	DIVERSITY IN ORGANIZATIONS

**Integrative Seminar: Ethics & Values**

Select one of the following: 3.00

ID 300A - 300Z (see course descriptions for options)	
ID-301A	HELLS CANYON INSTITUTE

**Foreign/Heritage Language**

Select 16 credits of language if selecting Bachelor of Arts Degree	16.00
<b>Total Credits</b>	<b>37.00-43.00</b>

## Program Requirements

Code	Title	Credits
<b>General Electives</b>		
Select 23 general electives		23.00
<b>Total Credits</b>		<b>23.00</b>

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
CORE	Oral Communication	3.00
CORE	Scientific Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
ENGL-102	WRITING AND RHETORIC II	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Scientific Ways of Knowing	4.00
CORE	Social & Behavioral Ways of Knowing	3.00
Elective	Elective Credits	2.00
<b>Credits</b>		<b>15.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Mathematical Ways of Knowing	3.00
CORE	Diversity	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Integrative Seminar: Ethics & Values	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>60.00</b>

Graduates with an AA degree in Liberal Arts go on to pursue a variety of employment opportunities, training programs, and baccalaureate degrees.

## Sports Media Studies BA/BS

The Sports Media Studies major combines coursework from multiple academic disciplines to prepare students to work in the dynamic, exciting fields of sport journalism, sport broadcasting, digital sports production, and sport media relations. Students will enjoy internships in high school athletics, within college/university athletic departments, newspapers, media outlets, and sport businesses.

Students in this major will have two advisors: one from the Physical, Life, Movement and Sport Sciences Division and one from the Humanities Division.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Arts</b>		
ART-100	INTRODUCTION TO ART	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES	
THEA-101	SURVEY OF THE THEATER	
<b>Language</b>		
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
<b>Scientific Ways of Knowing</b>		
Select one course from two disciplines; one lab		7.00-8.00
BIOF-100	INTRODUCTION TO BIOINFORMATICS	
BIOL-100	CONCEPTS OF BIOLOGY	

BIOL-120	PLANTS AND PEOPLE
BIOL-123	BIOLOGY IN FILM
BIOL-175	HUMAN BIOLOGY
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I
CHEM-100	CONCEPTS OF CHEMISTRY
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY
CHEM-111	PRINCIPLES OF CHEMISTRY I
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE
CS-108	INTRODUCTION TO COMPUTER SCIENCE
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOL-101	PHYSICAL GEOLOGY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
ID-240	INTEGRATED SCIENCE II
NS-140	INTEGRATED SCIENCE I
NS-150	INTRODUCTION TO NATURAL SCIENCES <sup>1</sup>
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR
PHYS-111	GENERAL PHYSICS I
or PHYS-112	GENERAL PHYSICS II
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS
PHYS-205	DESCRIPTIVE ASTRONOMY
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I

**Social & Behavioral Ways of Knowing**

Select one course from two disciplines: 6.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ECON-201	PRINCIPLES OF MACROECONOMICS
ECON-202	PRINCIPLES OF MICROECONOMICS
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS

**Diversity**

Select one of the following: 3.00-4.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ANTH-360	RACE AND ETHNICITY
COMM-345	INTERCULTURAL COMMUNICATION



ENGL-258	INTERNATIONAL LITERATURE
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
ID-300C	ETHICS AND IDENTITY
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
POLS-285	COMPARATIVE GOVERNMENT
SOC-101	INTRODUCTION TO SOCIOLOGY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
SS-184	DIVERSITY IN ORGANIZATIONS

**Integrative Seminar: Ethics & Values**

Select one of the following:	3.00
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ID 300A - 300Z (see course descriptions for options)	
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ID-301A	HELLS CANYON INSTITUTE
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**Foreign/Heritage Language**

Select 16 credits of language if selecting Bachelor of Arts Degree	16.00
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<b>Total Credits</b>	<b>37.00</b>
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## Program Requirements

Code	Title	Credits
<b>Communication Courses</b>		
Select 18 credits from the following:		18.00
COMM-201	INTRODUCTION TO MASS COMMUNICATION	
COMM-250	INTRODUCTION TO JOURNALISM	
COMM-300	EDITING FOR PRINT AND ONLINE	
COMM-301	MEDIA RELATIONS	
COMM-350	SPORTS COMMUNICATION	
COMM-394/494	INTERNSHIP IN COMMUNICATIONS	
COMM-400	ADVERTISING	
COMM-405	MULTIMEDIA WRITING	
COMM-440	NEW MEDIA & COMMUNICATION	
ENGL-304	WRITING FOR A DIGITAL AUDIENCE	
ENGL-308	SURVEY OF PROFESSIONAL WRITING	
ENGL-497	PROFESSIONAL WRITING CAPSTONE	
Select 9 credits from the following:		9.00
COMM-211	VIDEO PRODUCTION I	
COMM-302	SCREENWRITING	
ENGL-330	WOMEN, GENDER, AND SEXUALITY IN LITERATURE	
COMM-345	COMMUNICATION AND DIVERSITY	
COMM-346	NONPROFIT MANAGEMENT	
COMM-347	NONPROFIT FUNDRAISING	
COMM-348	NONPROFIT GRANT WRITING	
COMM-380	ETHICAL ISSUES IN COMMUNICATION	
COMM-450	DIGITAL PHOTOGRAPHY	

ENGL-209	CREATIVE WRITING:NON-FICTION	
ENGL-212	CREATIVE WRITING:FICTION	
ENGL-305	ADVANCED WRITING AND COMMUNICATION	
ENGL-361	TECHNIQUES OF CREATIVE NONFICTION	
PITPT-119	ADOBE INDESIGN	
PITPT-139	ADOBE PHOTOSHOP	
<b>Kinesiology Courses</b>		
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS	3.00
KIN-425	ETHICAL DECISION-MAKING SPORT LEADERS	3.00
KIN-484	COMMUNITY RELATIONS IN SPORT	3.00
KIN-486	ORGANIZATION AND ADMINISTRATION OF HEALTH, PHYSICAL EDUCATION, RECREATION, ATHLETICS	3.00
KIN-487	SPORT ADMINISTRATION	3.00
KIN-488	SPORT FACILITIES AND EVENT MANAGEMENT	3.00
KIN-489	SPORT MARKETING AND ADVERTISING	3.00
KIN-494	INTERNSHIP IN KINESIOLOGY	3.00
Select 6 credits from the following:		6.00
HLTH-342	COMMUNITY HEALTH	
HLTH-352	TECHNOLOGIES FOR HEALTH AND WELLNESS PROFESSIONALS	
HLTH-354	ADDICTION AND PERFORMANCE	
HLTH-453	HEALTH PROMOTION	
KIN-221	HISTORY OF SPORT	
KIN-260	INTRODUCTION TO KINESIOLOGY AND HEALTH	
KIN-352	YOUTH SPORTS AND RECREATION	
KIN-410	SPORTS PSYCHOLOGY	
KIN-421	PHILOSOPHY OF SPORT	
KIN-485	SPORT LAW	
<b>Senior Research/Project</b>		
Select Communication option or Kinesiology option:		6.00
Communication option:		
COMM-498	SENIOR RESEARCH PROJECT DESIGN	
COMM-499	RESEARCH PROJECT AND SEMINAR IN COMMUNICATIONS	
Kinesiology option:		
KIN-498	SENIOR RESEARCH PROJECT I	
KIN-499	RESEARCH PROJECT/SEMINAR II	
<b>Electives</b>		
Select 20 elective credits		20.00
<b>Total Credits</b>		<b>83.00</b>

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
CORE	Oral Communication	3.00
CORE	Mathematical Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
Program Requirements	Select COMM Selective course	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
ENGL-102	WRITING AND RHETORIC II	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00

CORE	Scientific Ways of Knowing	3.00
CORE	Diversity	3.00
Program Requirements	Select COMM Selective course	3.00
<b>Credits</b>		<b>15.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Social & Behavioral Ways of Knowing	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
Program Requirement	Select COMM Selective course	3.00
Program Requirement	Select KIN Selective course	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
CORE	Scientific Ways of Knowing	4.00
KIN-260	INTRODUCTION TO KINESIOLOGY AND HEALTH	1.00
KIN-484	COMMUNITY RELATIONS IN SPORT	3.00
Program Requirement	Select COMM Selective course	3.00
Program Requirement	Select KIN Selective course	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>17.00</b>
<b>Third Year</b>		
<b>Fall</b>		
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS	3.00
KIN-486	ORGANIZATION AND ADMINISTRATION OF HEALTH, PHYSICAL EDUCATION, RECREATION, ATHLETICS	3.00
Program Requirement	Select COMM Selective course	3.00
Program Requirement	Select COMM Selective course	3.00
<b>Credits</b>		<b>12.00</b>
<b>Spring</b>		
ENGL-405	MULTIMEDIA WRITING	3.00
KIN-425	ETHICAL DECISION-MAKING SPORT LEADERS	3.00
KIN-487	SPORT ADMINISTRATION	3.00
Program Requirements	Select COMM Selective course	3.00
Elective	Elective Credits	4.00
<b>Credits</b>		<b>16.00</b>
<b>Fourth Year</b>		
<b>Fall</b>		
COMM-498 or KIN-498	SENIOR RESEARCH PROJECT DESIGN or SENIOR RESEARCH PROJECT I	3.00
KIN-488	SPORT FACILITIES AND EVENT MANAGEMENT	3.00
KIN-494	INTERNSHIP IN KINESIOLOGY	3.00
Program Requirements	Select COMM Selective course	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
COMM-499 or KIN-499	RESEARCH PROJECT AND SEMINAR IN COMMUNICATIONS or RESEARCH PROJECT/SEMINAR II	3.00
CORE	Integrative Seminar: Ethics & Values	3.00
KIN-489	SPORT MARKETING AND ADVERTISING	3.00
KIN-494	INTERNSHIP IN KINESIOLOGY	3.00

Elective	Elective Credits	3.00
	<b>Credits</b>	<b>15.00</b>
	<b>Total Credits</b>	<b>120.00</b>

Graduates with a BA/BS in Sport Media Studies go on to obtain careers in a variety of fields:

- Sports Information
- Journalism
- Broadcasting
- Digital Production
- Media Relations
- Promotion and Marketing

## Minors

### Art Minor

The Art minor is an introduction to the world of fine arts. It promotes the development and implementation of visual literacy by cultivating analytical thinking to examine historical attitudes toward art. In studio courses, students develop technical capabilities as well as a descriptive vocabulary, and concepts and theories that are universal to the study of the humanities. The principles of art criticism, aesthetics, and techniques are foundations that engage independent thought. In conjunction with the importance of success within the humanities, an Art minor offers a strong link to a continuing study of the fine arts and may lead to a career in the arts through an MFA.

### Program Requirements

Code	Title	Credits
<b>Select 21 Art Credits</b>		<b>21.00</b>
<b>Total Credits</b>		<b>21.00</b>

### Communication Arts Minor

A minor in Communication Arts develops effective communication skills in a wide range of social and professional contexts. Employers consistently rank these skills among the most important for success in any career, making this minor the perfect complement to any course of study. The minor in Communication Arts also provides exciting opportunities for students to gain experience via internships and co-curricular activities.

### Program Requirements

Code	Title	Credits
COMM-201	INTRODUCTION TO MASS COMMUNICATION	3.00
COMM-204	PUBLIC SPEAKING	3.00
COMM-320	PERSUASION	3.00
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	3.00
or COMM-211	VIDEO PRODUCTION I	
<b>Program Electives</b>		
Select 9 additional credits of COMM of which 6 must be 300 or above (COMM 300/400)		9.00
<b>Total Credits</b>		<b>21.00</b>

### Creative Writing Minor

Creative writing cultivates habits that will serve the student in all walks of life: an understanding of the complexities and mysteries of the human experience as expressed through the written word, a nuanced ear for the music inherent in a composition, and a discerning eye for the significant details that are essential to good writing. Immersion in any or all of the major genres works toward compositions that are luminous and lyrical. Within a supportive and discriminating workshop composed of fellow writers, students explore, experiment with and share techniques that provide new insights into their lives and literary traditions. Creative Writing minors learn to closely read, critique, revise, and craft a deeply-felt experience that resonates with readers and enriches the traditions of human knowledge.

## Program Requirements

Code	Title	Credits
Select 6 credits from the following:		6.00
ENGL-268	BRITISH LITERATURE II	
ENGL-277	AMERICAN LITERATURE I	
ENGL-278	AMERICAN LITERATURE II	
Select 6 credits from the following:		6.00
ENGL-209	CREATIVE WRITING:NON-FICTION	
ENGL-211	CREATIVE WRITING POETRY	
ENGL-212	CREATIVE WRITING:FICTION	
Select 6 credits from the following:		6.00
ENGL-309	CREATIVE WRITING:NON-FICTION	
ENGL-409	CREATIVE WRITING:NON-FICTION	
ENGL-311	CREATIVE WRITING:POETRY	
ENGL-411	CREATIVE WRITING:POETRY	
ENGL-312	CREATIVE WRITING:FICTION	
ENGL-412	CREATIVE WRITING:FICTION	
<b>Program Electives</b>		
Select 6 credits of English numbered 300 or above (ENGL 300/400)		6.00
<b>Total Credits</b>		<b>24.00</b>

## English Minor

A minor in English has value to anyone seeking a deeper awareness of the interplay of thought, emotion, cultural attitudes, and artistic expression. Moreover, students who want to enhance their opportunities for employment and advancement in any field, should consider an English minor. Coursework will help them develop skills that employers seek: sophisticated thinking, clear writing, and effective speaking abilities. The English minor lays a foundation that gives students a basis for active engagement in their communities and brings them personal satisfaction and pleasure. The minor can also be used, in conjunction with secondary teaching certification in another area, to meet state teaching endorsement requirements for English Language Arts.

## Program Requirements

Code	Title	Credits
Select 6 credits from the following:		6.00
ENGL-210	LITERARY ANALYSIS	
ENGL-267	BRITISH LITERATURE I	
ENGL-268	BRITISH LITERATURE II	
ENGL-277	AMERICAN LITERATURE I	
ENGL-278	AMERICAN LITERATURE II	
Select 6 credits from the following (or 3 credits and endorsement requirements):		6.00
ENGL-175	LITERATURE AND IDEAS	
ENGL-209	CREATIVE WRITING:NON-FICTION	
ENGL-211	CREATIVE WRITING POETRY	
ENGL-212	CREATIVE WRITING:FICTION	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Program Electives</b>		
Select 12 credits of English numbered 300 or above - ENGL 300/400 - (or 3 credits and endorsement requirements)		12.00
<b>Total Credits</b>		<b>24.00</b>

## English Teaching Endorsement Program Requirements

Code	Title	Credits
Select one of the following:		
ENGL-209	CREATIVE WRITING:NON-FICTION	3.00
ENGL-211	CREATIVE WRITING POETRY	
ENGL-212	CREATIVE WRITING:FICTION	
ENGL-267	BRITISH LITERATURE I	3.00
or ENGL-268	BRITISH LITERATURE II	
ENGL-277	AMERICAN LITERATURE I	3.00
or ENGL-278	AMERICAN LITERATURE II	
ENGL-305	ADVANCED WRITING AND COMMUNICATION	3.00
ENGL-386	TEACHING COMPOSITION	3.00
ENGL-431	HISTORY & STRUCTURE/ENGLISH LANGUAGE	3.00
<b>Total Credits</b>		<b>18.00</b>

**Note:** Secondary teaching certification and the Praxis II exam are required for endorsement.

## Middle School English Language Arts Minor

With a curriculum that spans literature, creative writing, composition, literary and reading theory, and teaching methods, this minor provides prospective teachers with tools to teach writing and reading skills in the middle school setting, and to achieve Highly Qualified Teacher status through satisfactory completion of the related *Praxis II* exam. Additional coursework and *Praxis* exams are required for endorsement in English or Literacy. Students who seek endorsement in the subject area should consult with their advisors.

### Program Requirements

Code	Title	Credits
ENGL-210	LITERARY ANALYSIS	3.00
ENGL-386	TEACHING COMPOSITION	3.00
ENGL-431	HISTORY & STRUCTURE/ENGLISH LANGUAGE	3.00
RE-301	PSYCHOLINGUISTICS, LITERACY, AND LANGUAGE ACQUISITION	3.00
RE/ENGL-335	Course RE-335 Not Found	2.00
ENGL-267	BRITISH LITERATURE I	3.00
or ENGL-268	BRITISH LITERATURE II	
ENGL-277	AMERICAN LITERATURE I	3.00
or ENGL-278	AMERICAN LITERATURE II	
Select one of the following:		3.00
ENGL-209	CREATIVE WRITING:NON-FICTION	
ENGL-211	CREATIVE WRITING POETRY	
ENGL-212	CREATIVE WRITING:FICTION	
<b>Total Credits</b>		<b>23.00</b>

#### Notes, Substitutions & Waivers:

The English Language Arts Minor provides prospective teachers with the tools to focus on writing and reading skills in the middle school setting. Prospective teachers will be prepared to take the Praxis II assessment #0049-Middle School English Language Arts. This minor does not lead to endorsements in English or Literacy. Additional coursework is required for each endorsement area, as well as the corresponding Praxis II content assessment, as required by the State of Idaho.

## Music Studies Minor

The Music minor adds an exciting dimension to your education. Focusing both on performance and academics, the minor challenges students to become better musicians, to join others in community music-making, and to learn more about music in general. Performance opportunities include Applied Music (private lessons) and music ensembles, such as the *LC State Choir* and *LC State Jazz Band*. Coursework includes classes in Conducting, Music Fundamentals, and a variety of Music Survey topics.

## Program Requirements

Code	Title	Credits
HUM-150	INTRODUCTION TO THE ARTS	3.00
MUS-101	SURVEY OF MUSIC	3.00
or MUS-102	MUSIC IN AMERICA	
MUS-382	MUSIC AND SOCIETY	3.00
<b>Program Participation Requirements</b>		
Select 4 credits from:		4.00
MUS-103/303	CONCERT CHOIR	
MUS-105/305	ROCK BAND	
MUS-106/306	JAZZ BAND	
MUS-110	APPLIED MUSIC: PIANO	
MUS-111	APPLIED MUSIC: VOICE	
MUS-112	APPLIED MUSIC: GUITAR	
MUS-113	APPLIED MUSIC: STRINGS	
MUS-114	APPLIED MUSIC: BRASS	
MUS-115	APPLIED MUSIC: WINDS	
MUS-116	APPLIED MUSIC: PERCUSSION	
MUS-145	BEGINNING PIANO AND KEYBOARD THEORY	
MUS-210	APPLIED MUSIC: PIANO	
MUS-211	APPLIED MUSIC: VOICE	
MUS-212	APPLIED MUSIC: GUITAR	
MUS-213	APPLIED MUSIC: STRINGS	
MUS-214	APPLIED MUSIC: BRASS	
MUS-215	APPLIED MUSIC: WINDS	
MUS-216	APPLIED MUSIC: PERCUSSION	
MUS-265	VOCAL JAZZ ENSEMBLE	
MUS-266	INSTRUMENTAL ENSEMBLE	
MUS-268	CHAMBER SINGERS	
MUS-310	APPLIED MUSIC: PIANO	
MUS-311	APPLIED MUSIC: VOICE	
MUS-312	APPLIED MUSIC: GUITAR	
MUS-313	APPLIED MUSIC: STRINGS	
MUS-314	APPLIED MUSIC: BRASS	
MUS-315	APPLIED MUSIC: WINDS	
MUS-316	APPLIED MUSIC: PERCUSSION	
MUS-365	VOCAL JAZZ ENSEMBLE	
MUS-366	INSTRUMENTAL ENSEMBLE	
MUS-368	CHAMBER SINGERS	
MUS-410	APPLIED MUSIC: PIANO	
MUS-411	APPLIED MUSIC: VOICE	
MUS-412	APPLIED MUSIC: GUITAR	
MUS-413	APPLIED MUSIC: STRINGS	
MUS-414	APPLIED MUSIC: BRASS	
MUS-415	APPLIED MUSIC: WINDS	
MUS-416	APPLIED MUSIC: PERCUSSION	
<b>Program Electives</b>		
Select 6 Elective Credits		6.00
ID-300X	ETHICS: CIVIL RIGHTS MOVEMENTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	

MUS-151	HISTORY OF MUSICAL THEATER
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES
MUS-331	CONDUCTING
MUS-380	MUSIC IN EARLY CHILDHOOD
MUS-190/290/390	DIRECTED STUDY IN MUSIC
MUS-292/392/492	SPECIAL TOPICS IN MUSIC
MUS-495	PRACTICUM IN MUSIC

**Total Credits****19.00**

## Nez Perce Language Minor

LC State and the Nez Perce Tribe have partnered to develop the Nez Perce Language minor. The goal of this program is for students to develop considerable fluency in Nez Perce, as well as competency in the culture. First-year students learn the foundations of the language and participate in cooking, root digging, and other cultural activities. In the second year, they learn through reading original Coyote stories told by tribal elders. This provides a strong foundation in the oral literature. Third year students are mentored one-on-one by elders to develop fluency and increase their cultural knowledge. The labs, NP-109 and NP-209, must be taken each semester the first two years. After completing the minor, students may apply for public school certification and complete a Teaching Methods class through the Education Division, a mentorship program, and oral and written exams.

### Program Requirements

Code	Title	Credits
NP-101	ELEMENTARY NEZ PERCE LANGUAGE I	4.00
NP-102	ELEMENTARY NEZ PERCE LANGUAGE II	4.00
Take the following course for two semesters:		2.00
NP-109	ELEMENTARY NEZ PERCE LANGUAGE LAB	
NP-201	INTERMEDIATE NEZ PERCE LANGUAGE I	4.00
NP-202	INTERMEDIATE NEZ PERCE LANGUAGE II	4.00
Take the following course for two semesters:		2.00
NP-209	INTERMEDIATE NEZ PERCE LANGUAGE LAB	
NP-310	NEZ PERCE CONVERSATION/MENTORSHIP I	2.00
NP-311	NEZ PERCE CONVERSATION/MENTORSHIP II	2.00
<b>Program Electives</b>		
Select one of the following:		3.00
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
HIST-340	HISTORY OF THE NEZ PERCE TRIBE	
ENGL-473	NATIVE AMERICAN ORAL LITERATURE	

**Total Credits****27.00**

## Professional Writing Minor

A minor in professional writing is valuable to anyone entering the workforce. Students who want to enhance their job opportunities or wish for a career as a writer, in their discipline, should consider a minor in professional writing to complement their major. This minor is interdisciplinary in nature allowing students to develop their writing skills and provide a foundation for active engagement in writing within their major field. Upon completion of the minor, students will have a portfolio demonstrating the quality of their writing to show to future employers.

Note: Internship courses (394 / 494) may be used to fulfill the "discipline-specific writing intensive" credit requirements as long as the internship is writing-intensive and is approved by the advisor.

### Program Requirements

Code	Title	Credits
ENGL-308	SURVEY OF PROFESSIONAL WRITING	2.00
ENGL-497	PROFESSIONAL WRITING CAPSTONE	1.00
Select 9 credits from the following:		9.00
<b>Creative Writing</b>		
ENGL-203	TECHNICAL WRITING	
ENGL-209	CREATIVE WRITING:NON-FICTION	



ENGL-211	CREATIVE WRITING POETRY	
ENGL-212	CREATIVE WRITING:FICTION	
ENGL-303	SCREENWRITING	
ENGL-306	PLAYWRITING	
ENGL-362	TECHNIQUES OF FICTION	
<b>Professional/Academic Writing</b>		
ENGL-300	EDITING FOR PRINT AND ONLINE	
ENGL-304	WRITING FOR A DIGITAL AUDIENCE	
ENGL-305	ADVANCED WRITING AND COMMUNICATION	
ENGL-385	JOURNAL & MANUSCRIPT EDITING	
ENGL-405	MULTIMEDIA WRITING	
<b>Program Electives</b>		
Writing Intensive Courses		
Select 9 credits from the following:		9.00
COMM-250	INTRODUCTION TO JOURNALISM	
COMM-348	NONPROFIT GRANT WRITING	
COMM-350	SPORTS COMMUNICATION	
ENGL-203	TECHNICAL WRITING	
ENGL-300	EDITING FOR PRINT AND ONLINE	
ENGL-304	WRITING FOR A DIGITAL AUDIENCE	
ENGL-305	ADVANCED WRITING AND COMMUNICATION	
ENGL-385	JOURNAL & MANUSCRIPT EDITING	
ENGL-405	MULTIMEDIA WRITING	
SPAN-302	SPANISH COMPOSITION	
Internship Option: Select internships in 394/494 that are writing intensive, as determined by the minor advisor.		
<b>Total Credits</b>		<b>21.00</b>

## Publishing Arts Minor

This minor helps prepare students for careers in publishing fields by introducing them to theory and practice in the publishing arts: writing, editing, design and printing, technical production, marketing and distribution of publications. Students participate in an immersive internship experience where they work as a team to operate all aspects of production and distribution for LC State's own literary journal - *The Talking River Review*.

## Program Requirements

Code	Title	Credits
ENGL-305	ADVANCED WRITING AND COMMUNICATION	3.00
ENGL-215	INTERNSHIP IN PUBLISHING	4.00
ENGL-415	INTERNSHIP IN PUBLISHING	4.00
BUS-321	PRINCIPLES OF MARKETING	3.00
<b>Program Electives</b>		
Select one lower-division literature survey course (ENGL 100/200)		3.00
Select one upper-division literature course (ENGL 300/400)		3.00
<b>Total Credits</b>		<b>20.00</b>

## Spanish Minor

The Spanish minor provides an exciting blend of language, literature, and culture. Though most students complete the required 25 credits through the regular succession of Spanish courses, some credits may be obtained by Advanced Placement and/or course challenge exams (SPAN-101 through SPAN-202). At all levels of Spanish instruction, emphasis is placed on building communication skills and developing greater cultural awareness and appreciation. The Spanish courses are designed to prepare students, regardless of their major field of study, to enter a competitive workforce in which bilingual communication skills are becoming increasingly crucial. Spanish students are encouraged to seek study abroad opportunities, for which scholarships are available.

## Program Requirements

Code	Title	Credits
SPAN-101	ELEMENTARY SPANISH I	4.00
SPAN-102	ELEMENTARY SPANISH II	4.00
SPAN-201	INTERMEDIATE SPANISH I	4.00
SPAN-202	INTERMEDIATE SPANISH II	4.00
<b>Program Electives</b>		
Select 9 additional SPAN credits		9.00
<b>Total Credits</b>		<b>25.00</b>

## Theatre Minor

Theatre is an excellent way for students to enhance their education through developing artistic sensitivity and learning to work collaboratively with fellow artists. The Theatre minor develops a holistic understanding of the human psyche through live story-telling. Theatre classes and productions emphasize awareness and acceptance of socio-economic, racial, religious, and ethnic differences within a global society. Students who take risks through developing a character, or who desire to learn organization, design, and/or theatrical direction will benefit from the Theatre minor.

## Program Requirements

Code	Title	Credits
THEA-101	SURVEY OF THE THEATER	3.00
THEA-215	PRINCIPLES OF ACTING	3.00
THEA-315	ADVANCED PERFORMANCE	3.00
THEA-211	THEATER PRODUCTION	3.00
or THEA-311	THEATER PRODUCTION	
THEA-322	SHAKESPEARE	3.00
or THEA-370	DRAMATIC LITERATURE	
<b>Program Electives</b>		
Select 7 additional THEA credits, 3 must be 300 or above (THEA 300/400)		7.00
<b>Total Credits</b>		<b>22.00</b>

## Interdisciplinary Studies

The Interdisciplinary Studies degree provides the opportunity to major in a unique program that can be tailored to meet specific career and academic goals. A student opting for this program works with an advisory committee to develop a customizable and coherent degree plan that includes two broadly-defined areas of study leading to a focused educational objective.

## Degree Requirements

1. Completion of a Program Information Form (PIF) declaring a BA or BS in Interdisciplinary Studies and a degree Approval Form (which consists of a justification statement and degree plan). All documents must be signed by an Interdisciplinary Studies Advisory Committee and submitted to the Director of Early College Programs for final approval.
2. Students select two areas of concentration for their degree plan. While not all courses in an area need to come from a single prefix (such as ENGL or PSYC), courses should be closely related. Students need to detail the purpose of the degree and justify the grouping of courses in a single area on the Approval Form.
3. Students must complete a minimum of 21 semester credits in each area and 51 credits in both areas combined (not including the capstone course). At least 15 of the 21 credits in each area must be in upper division coursework (300-400 level).
4. Students must complete the 3-credit capstone course, ID-450, as part of their program.
5. Students graduate with a BA or BS in Interdisciplinary Studies. The areas of concentration will not display on the transcript.
6. Areas of concentration may not be used for completion of a minor, nor do they lead to certification in a discipline.

## General Education Core

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00

ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one of the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Arts</b>		
ART-100	INTRODUCTION TO ART	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	
THEA-101	SURVEY OF THE THEATER	
<b>Language</b>		
NP-101	ELEMENTARY NEZ PERCE LANGUAGE I	
NP-102	ELEMENTARY NEZ PERCE LANGUAGE II	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
<b>Scientific Ways of Knowing</b>		
Select one course from two disciplines; one lab		7.00-8.00
BIOF-100	INTRODUCTION TO BIOINFORMATICS	
BIOL-100	CONCEPTS OF BIOLOGY	
BIOL-120	PLANTS AND PEOPLE	
BIOL-123	BIOLOGY IN FILM	
BIOL-175	HUMAN BIOLOGY	
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	
CHEM-100	CONCEPTS OF CHEMISTRY	
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	

CHEM-111	PRINCIPLES OF CHEMISTRY I
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE
CS-108	INTRODUCTION TO COMPUTER SCIENCE
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOL-101	PHYSICAL GEOLOGY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
ID-240	INTEGRATED SCIENCE II
NS-140	INTEGRATED SCIENCE I
NS-150	INTRODUCTION TO NATURAL SCIENCES <sup>1</sup>
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR
PHYS-111 or PHYS-112	GENERAL PHYSICS I GENERAL PHYSICS II
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS
PHYS-205	DESCRIPTIVE ASTRONOMY
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I

**Social & Behavioral Ways of Knowing**

Select two from the following: 6.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ECON-201	PRINCIPLES OF MACROECONOMICS
ECON-202	PRINCIPLES OF MICROECONOMICS
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS

**Diversity**

Select one of the following: 3.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ANTH-360	RACE AND ETHNICITY
COMM-345	COMMUNICATION AND DIVERSITY
ENGL-258	INTERNATIONAL LITERATURE
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I

HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
ID-300C	ETHICS AND IDENTITY	
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS	
NP-101	ELEMENTARY NEZ PERCE LANGUAGE I	
NP-102	ELEMENTARY NEZ PERCE LANGUAGE II	
POLS-285	COMPARATIVE GOVERNMENT	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
SPAN-201	INTERMEDIATE SPANISH I	
SPAN-202	INTERMEDIATE SPANISH II	
SS-184	DIVERSITY IN ORGANIZATIONS	
<b>Integrative Seminar: Ethics &amp; Values</b>		
Select one of the following:		3.00
ID 300A - 300Z (see course descriptions for options)		
ID-301A	HELLS CANYON INSTITUTE	
<b>Foreign/Heritage Language</b>		
Take 16 credits of language if selecting Bachelor of Arts degree		16.00
<b>Total Credits</b>		<b>37.00-42.00</b>

## Program Requirements

Code	Title	Credits
<b>Major Courses</b>		
Area of Concentration 1:		21.00-30.00
Select a minimum of 15 credits at the 300 & 400 level		
Select 6-15 credits at any level		
Area of Concentration 2:		21.00-30.00
Select a minimum of 15 credits at the 300 & 400 level		
Select 6-15 credits at any level		
<b>Interdisciplinary Capstone Course</b>		
ID-450	INTERDISCIPLINARY STUDIES SEMINAR	3.00
<b>Electives</b>		
Select 29 credits, including language, unless used in discipline areas above		29.00
<b>Total Credits</b>		<b>74.00-92.00</b>

<sup>1</sup> Area of Concentration 1 and Area of Concentration 2 combined must be a minimum of 51 credits.

## Physical, Life, Movement, and Sport Sciences Division

### Contact Information

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### Introduction to the Physical, Life, Movement, and Sport Sciences Division

Students in Physical, Life, Movement and Sports Sciences Division (PLMSS) programs and courses engage in hands-on experiences, research, and scientific inquiry with an emphasis on critical thinking and problem solving. PLMSS students explore the smallest particles to earth systems and beyond with a focus on human health, movement, sport, and our environment.

PLMSS prepares students for careers related to the natural sciences and kinesiology, supports majors across campus, provides General Education courses, and partners to offer additional opportunities. Students taking PLMSS courses can expect individual attention, rigor, a supportive environment, outdoor experiences, and real-world applications. Faculty advisors work closely with students to plan course work and mentor research and other activities. Additional support is provided by the Math and Science Tutoring Center which is free to students. PLMSS students are regularly accepted into graduate programs across the country. Students are prepared to successfully complete the Graduate Record Examination and encouraged to do undergraduate research before graduation in the discipline they are considering for graduate study.

The Division offers modern research facilities for use by undergraduates and provides opportunities for individual research projects. The facilities include a bioinformatics computer laboratory, a genomics laboratory, a large teaching collection of plants and animals, an instrumentation lab, a large geological collection, and a state-of-art human movement and performance analysis lab. Student research is conducted in conjunction with a professor and is funded via the Idaho INBRE and Idaho EPSCOR grants, among others.

## Majors Offered

- Bioinformatics BA/BS
- Biology BA/BS (with secondary education option)
- Business Informatics BA/BS
- Chemistry BA/BS (with secondary education option)
- Earth Science BA/BS (with secondary education option)
- Exercise Science BA/BS
- Kinesiology with emphasis in Exercise Science/Health Occupations
- Kinesiology with emphasis in Health and Fitness
- Kinesiology with emphasis in Sports Studies
- Kinesiology with emphasis in Coaching
- Kinesiology with Teacher Certification in K-12 Physical Education and 6-12 Health (co-curricular degree with the Teacher Education & Mathematics Division)
- Liberal Arts Natural Science AS
- Natural Science Secondary Education
- Sport Administration (co-curricular degree with the Business Division)
- Sports Media Studies (co-curricular degree with the Humanities Division)

## Certificates

- Fitness
- Movement Psychology
- Sports Marketing
- Sports Nutrition Certificate
- Graduate Certificate: Sport Coaching

## Affiliate Programs and Partnerships

- MS in Athletic Training 3+2 programs in conjunction with University of Idaho
- Physical Therapist Assistant with the Idaho PTA Consortium
- Medical Laboratory Technology with Wenatchee Valley College
- Dental Hygiene with North Idaho College

## Assessment

All graduating students are assessed and the data is collected to review program outcomes for improvement on a yearly basis.

### assessment of non-teaching majors may include:

1. Senior Exit Interview: As a culminating activity prior to graduation, seniors must pass a comprehensive oral content knowledge interview with our faculty.
2. Senior Research Project: Seniors must complete an independent research project that involves a review of the related literature, collection and analysis of data, and a final oral presentation.
3. Senior Exit Survey: We value our students' input as they prepare to graduate and ask that they critically reflect on their experience in our program.
4. Senior Exit Exam: Select majors will require a national examination prior to graduation.

**assessment of teaching majors may additionally include:**

1. Praxis Exams: Candidates must pass Praxis II exams #5091 and #5551 prior to beginning their internship.
2. Candidates must successfully demonstrate competency in using technology to enhance instruction.
3. Portfolio: Teacher certification candidates must demonstrate that they have the knowledge, skills and dispositions needed to be effective classroom teachers and to positively impact student learning. Development of the portfolio is a yearlong endeavor. During a candidate's internship experience, he/she collects, organizes, and displays evidence that he/she is able to meet the standards required for completion of the LC State Teacher Education Program.
4. Exit Interview: As a final evaluation on an intern's ability to demonstrate the professional competencies required by the program, she/he must pass an exit interview. An on-site teacher-educator who is familiar with the intern's capabilities and a second representative from the LC State Teacher Education program also participates in the exit interview.

## **Additional Admission Requirements and Information for Teaching Programs, Affiliate Programs and Partnerships, and Graduate Certificate Programs**

**TEACHING DEGREES:**

At LC State, there is a separate and specific admission process is required for entrance into the Teacher Education & Mathematics program. See Teacher Education & Mathematics Division section for requirements.

**3+2 MASTER OF SCIENCE IN ATHLETIC TRAINING:**

The 3+2 MSAT program is a partnership with the University of Idaho Department of Movement Sciences (<https://atp.uidaho.edu/masters-of-science-in-athletic-training-msat-program/>) and offered for LC State students preparing to be Athletic Trainers. Interested students are enrolled in the Kinesiology: Exercise Science & Health Occupations (BA/BS-UI cohort 310.EM5AT) major. The UI application procedure, and selection process are outlined on the UI website.

Upon admission to the MSAT program, students will be able to obtain their Bachelors degree from LC State and their Masters degree from the University of Idaho in only 5 years. The program consists of two phases:

Phase I: Students attend LC State on the Kinesiology: ESHO UI cohort track for the first 3 years. Towards the end of this phase, students will go through a competitive application process to be considered for acceptance into the MSAT program at UI.

Phase II: Students attend UI for Year 4, finish Year 4 coursework, then transfer the credits back to LC State for Bachelors degree completion. Students attend UI for Year 5, finishing graduate study coursework, and receiving their Master of Science in Athletic Training from the University of Idaho.

**PHYSICAL THERAPIST ASSISTANT CONSORTIUM PROGRAM:**

The Idaho Physical Therapist Assistant Consortium Program at LC State prepares students for employment as physical therapist assistants (PTA). For more information on this program, visit our PTA Website (<http://catalog.lcsc.edu/affiliate-program/>).

**DENTAL HYGIENE PROGRAM:**

In collaboration with LC State, the North Idaho College Dental Hygiene Program prepares students for entry into the dental hygiene profession as licensed clinicians (Registered Dental Hygienist – RDH). For more information, visit the Dental Hygiene Website (<http://catalog.lcsc.edu/affiliate-program/>).

**MEDICAL LABORATORY TECHNOLOGY:**

In collaboration with Wenatchee Valley College, the Medical Lab Technology (MLT) program prepares students for employment as technicians in a medical laboratory, work in medical research, industrial or veterinary laboratories, or medical supply and equipment sales. For more information, visit our MLT Program Website (<http://catalog.lcsc.edu/affiliate-program/>).

**SPORT COACHING GRADUATE CERTIFICATE:**

The Sport Coaching Graduate Certificate program at LC State is structured so that students can transfer seamlessly to master's programs at LC State's sister institutions. The program consists of four three-credit courses and has been aligned with the National Standards for Sports Coaches. It provides students with principles relative to best coaching practices that can be applied at any level of sport. Each student completes a required coaching practicum to align course work with current coaching practice. Students learn both technical and tactical knowledge, leadership skills, and decision-making abilities to effectively train athletes physically and mentally while adhering to best practices in competitive ethics.

Offered through LC State in an online environment, this option is open to graduate students who intend to either further their coaching career or gain credit toward pursuit of a MS/PhD program. For more information visit our division Website (<http://catalog.lcsc.edu/professional-studies/graduate-studies/sport-coaching-gcert/>).

## **Advising**

Students are assigned a faculty advisor based on their specific major or emphasis area. Students in co-curricular majors (Sport Administration, Sport Media Studies and Teaching) will have two advisors—one from the Physical, Life, Movement, and Sport Science Division and one from the Academic

division that shares the major. Students should meet with their faculty advisor(s) each semester in advance of registration and any time that they have questions concerning their program or are in need of academic advice.

## Tutoring

The Division of Physical, Life, Movement, and Sport Sciences has tutoring support available for introductory Biology, Chemistry and Physics courses. The Math and Science Tutoring Center is open Monday through Friday with both daytime and evening hours. <http://www.lcsc.edu/math-and-science-tutoring-center/>

## Clubs, Honor Societies, other Activities

The Division has multiple clubs that are designed for students to enjoy popular pastimes. We also have multiple academic and service clubs:

**Geology Club** - This club regularly attends regional conferences, participates in numerous field trips, including extended trips to more distant sites over the summer breaks. It sponsors a yearly jet boat trip up the Snake River that is quite famous locally.

**IN-STEM Club** - The goal of this club is to promote inclusivity in STEM fields at LC State, particularly for those underrepresented in STEM, through support, mentoring, and community. Membership is open to all students. Activities include MOLE and PI day festivities, social nights and science outreach to the community.

**LC Chapter of the Wildlife Society** - Students in this organization attend both local and national academic meetings, invite speakers for on-campus seminars, and are responsible (in collaboration with Idaho Fish and Game) for maintenance of the wood duck boxes in the valley.

**Movement and Sport Sciences Club** - This club focuses on service and welcomes all students majoring or minoring in Kinesiology, Health or related fields. The club plays a campus wide leadership role in promoting lifespan physical activity, sports and other health enhancing behaviors. For example, club members assist in the campus Fitness and Wellness program, supervise campus facilities and special events, and host guest speakers. Club fundraisers help members attend state, regional and national conferences. The club's social functions include group meetings and a variety of other get-togethers throughout the year.

### **BIOL-100 CONCEPTS OF BIOLOGY 4.00 Credits**

This online course will serve as an introductory course for non-science majors. This course will cover the main biological principles and how these relate to daily life. Topics include cell biology, reproduction and genetics, evolution and ecology. Pre-requisite: Level C or higher: Core math ready (excluding 153P and 123P) or core math complete. See Course Placement Chart for equivalent courses and test scores.

### **BIOL-120 PLANTS AND PEOPLE 4.00 Credits**

Fundamentals of plant growth and development are addressed through the study of useful plants. Current and historical uses of plants by cultures around the world with an emphasis on plant form and function, plant diversity and origin of crops. Pre-requisites: Level C or higher: Core math ready (excluding 153P and 123P) or core math complete. See Course Placement Chart for equivalent courses and test scores.

### **BIOL-123 BIOLOGY IN FILM 3.00 Credits**

This introductory science course for non-majors will explore the scientific method and biological concepts as they are depicted in popular films. Topics will include genetic diseases, biotechnology, infectious diseases, and bioethics. Requisites: Completion of, or current enrollment in, ENGL-102 or ENGL-109.

### **BIOL-175 HUMAN BIOLOGY 4.00 Credits**

Form and function of life using the human organism as the specific example. Topics will include: life, evolution, the human organism in the environment, human ecology, human systems including organization, support and movement, processing and transport, integration and coordination, and reproduction and development. Three hours of lecture and one 3-hour laboratory per week. Pre-requisite: MATH-015, MTHPT-010 or MTHPT-012 with a grade of 'C' or better.

### **BIOL-181 ECOLOGY, EVOLUTION, DIVERSITY OF LIFE 4.00 Credits**

An introductory course for science majors examining organismal biology in an evolutionary context, including biodiversity and ecology, structure and function, reproduction, physiology, and morphology of viruses, bacteria, protists, fungi, plants, and animals. Three hours of lecture and one 3-hour laboratory period per week. Lab fee. Pre-requisite: Level C or higher: Core math ready (excluding 153P and 123P) or core math complete. See Course Placement Chart for equivalent courses and test scores.

### **BIOL-182 CONCEPTS IN CELLULAR MECHANISMS 4.00 Credits**

An introductory course for science majors with emphases on chemical, physical, and biological characteristics of the living organism and its metabolism. Students will acquire a general understanding of the chemistry of life, basic cell structure and function, metabolism, and genetics. Three hours of lecture and one 3-hour laboratory per week. Pre-requisites: CHEM-111 or CHEM-105 with a grade of C or better.



**BIOL-190 DIRECTED STUDY IN BIOLOGY 1.00-12.00 Credits****BIOL-192 SPECIAL TOPICS IN BIOLOGY 1.00-12.00 Credits****BIOL-195 PRACTICUM IN BIOLOGY 1.00-12.00 Credits****BIOL-213 PLANT AND ANIMAL FORM AND FUNCTION 4.00 Credits**

This course examines the comparative anatomy and physiology of animals and plants in an evolutionary context. Pre-requisite: A grade of 'C' or better in BIOL-182 and CHEM-111. Lab fee.

**BIOL-216 FIELD EXPERIENCE IN BIOLOGY 4.00 Credits**

This class will teach students field techniques used in population and community ecology. The course includes a mandatory 5-7 day fieldtrip in which students visit different study sites and ecosystems in the inland northwest. Students will learn about the natural history of the study sites, the plant and animal communities present, and how to collect meaningful data from these sites. After the fieldtrip, students will learn how to analyze their data and write a scientific research paper during the classroom portion of the course. Pre-requisite: BIOL-181 with a grade of C or better.

**BIOL-227 HUMAN ANATOMY AND PHYSIOLOGY I 4.00 Credits**

The first semester of a two semester sequence in Human Anatomy and Physiology. The course focuses on principles of cytology, biochemistry and histology and the following body systems: integumentary, skeletal, muscular, and nervous. Three hours of lecture and one three-hour laboratory per week. Pre-requisite: Level C or higher. Core math ready (excluding 153P and 123P) or core math complete. See Course Placement Chart for equivalent courses and test scores.

**BIOL-228 HUMAN ANATOMY AND PHYSIOLOGY II 4.00 Credits**

The second semester of a two semester sequence in Human Anatomy & Physiology. The course focuses on principles of cytology, biochemistry and histology and the following body systems: endocrine, cardiovascular, immunity, respiratory, digestion, urinary, and reproductive. Three hours of lecture and one three-hour laboratory per week. Pre-requisite: BIOL-227 with a grade of 'C' or better. Co-requisites: CHEM-105 or CHEM-111.

**BIOL-250 MICROBIOLOGY FOR HEALTH SCIENCES 4.00 Credits**

A study of microorganisms causing infectious diseases and contamination of foods. Focus will be on general structure and function of microorganisms, growth, and control through sterilization and antimicrobials. Lab will emphasize growth, identification and aseptic technique. Course does not satisfy requirement for Biology major. Four hours of lecture and one 3-hour laboratory period per week. Pre-requisites: Level C or higher. Core math ready (excluding 153P and 123P) or core math complete. See Course Placement Chart for equivalent courses and test scores.

**BIOL-280 PRE-MEDICAL SEMINAR 1.00 Credit**

A seminar-based course designed to introduce students to the various graduate medical programs, including: physician (MD and DO), dentistry, veterinary, podiatry, optometry, pharmacy, physical and occupational therapy, and physician assistant. Students will discuss current healthcare issues, explore health programs and institutions, and be provided formal assistance as they prepare for programs in medicine. Students will develop strategies for admission, writing personal statements, participating in mock interviews, determining plans for letters of recommendation, and discussing individual credentials for these programs. One hour lecture per week with additional time to be determined by individual needs. Pre-requisites: A grade of 'C' or better in ENGL-101 or satisfactory placement and Math Level C or higher. Core math ready (excluding 153P and 123P) or core math complete. See Course Placement Chart for equivalent courses and test scores. Graded P/F only.

**BIOL-290 DIRECTED STUDY IN BIOLOGY 1.00-4.00 Credits****BIOL-291 WORKSHOP IN BIOLOGY 1.00-4.00 Credits****BIOL-292 SPECIAL TOPICS IN BIOLOGY 1.00-4.00 Credits****BIOL-295 PRACTICUM IN BIOLOGY 1.00-2.00 Credits****BIOL-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****BIOL-312 PATHOPHYSIOLOGY 3.00 Credits**

The physiological basis of disease. Three hours of lecture per week. Pre-requisites: A grade of 'C' or better in the BIOL-228 or instructor's approval. Recommended Co-requisite: BIOL-314.

**BIOL-314 PATHOPHYSIOLOGY RECITATION 1.00 Credit**

Designed to grow student learning and increase proficiency at critical thinking and problem solving. Concurrent enrollment in BIOL-312 is required. Graded P/F only.

**BIOL-331 ECOLOGY 3.00 Credits**

This class will cover ecological principles as they relate to both plant and animal systems. Topics include the physiological adaptations of organisms to their environment, population ecology and the evolution of different life history strategies, and ecological principles related to species interactions and community dynamics. Three hours of lecture per week. Pre-requisites: BIOL-181 and BIOL-182 with a grade of C or better.

**BIOL-341 GENETICS 4.00 Credits**

An introduction to genetic mechanisms in animals, plants and microorganisms. Areas covered include transmission genetics and molecular genetics. Three hours of lecture and one 3-hour lab per week. This course is writing integrated. Pre-requisites: BIOL-182 and CHEM-112 with a grade of C or better.

**BIOL-355 GENERAL MICROBIOLOGY 4.00 Credits**

The structure, physiology, genetics, and metabolism of microorganisms with emphasis on their diversity and ecology. Microorganisms and their relationship to industry, environment, and disease. Lab will emphasize growth, identification, and laboratory design. Three hours of lecture and one 3-hour laboratory per week. Pre-requisite: BIOL-182 with a grade of 'C' or better.

**BIOL-362 CELLULAR AND MOLECULAR BIOLOGY 4.00 Credits**

A comprehensive study of cell structure and function with emphasis on cell organelles and the cellular membrane. Included in this course is a detailed examination of cellular metabolism, the cell cycle, regulation of cell growth and division, cell signaling, and gene expression. Recitation includes a thorough survey of cellular and molecular techniques along with a weekly literature review exploring the use of these techniques. Three hours of lecture and one 3-hour recitation per week. Prerequisite: BIOL-182 with a grade of 'C' or better.

**BIOL-372 COMPUTATIONAL BIOSTATISTICS 4.00 Credits**

An integrative biology course that incorporates aspects of biology, statistics, and bioinformatics. The course is designed to familiarize students with experimental design and applied biological statistics using the R statistical environment and other freely available analysis packages. Students will apply parametric and non-parametric analytical methods to various forms of biological data, including phenotypic and sequence data. Three hours of lecture and one three-hour laboratory per week. Pre-requisite: BIOL-182 with a grade of 'C' or better.

**BIOL-390 DIRECTED STUDY IN BIOLOGY 1.00-4.00 Credits****BIOL-392 SPECIAL TOPICS IN BIOLOGY 1.00-4.00 Credits****BIOL-394 INTERNSHIP IN BIOLOGY 1.00-12.00 Credits****BIOL-395 PRACTICUM IN BIOLOGY 1.00-12.00 Credits****BIOL-399 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****BIOL-401 MAMMALOLOGY 4.00 Credits**

The study of mammals, their evolution, natural history, identification of regional mammals, and field techniques for scientific study. The course includes anatomy, phylogenetics, systematics, ecology, practical field and laboratory techniques. Three hours of lecture and one 3-hour laboratory period per week. There will be at least one weekend field trip. Pre-requisite: BIOL-181 and BIOL-182, with a grade of C or better.

**BIOL-402 ORNITHOLOGY 4.00 Credits**

The study of birds, their evolution, natural history, identification of regional birds by sight and sound, and field techniques for scientific study. The course includes anatomy, phylogenetics, systematics, ecology, practical field and laboratory techniques. Three hours of lecture and one 3-hour laboratory period per week. There will be at least one weekend field trip. Pre-requisite: BIOL-181 and BIOL-182 with a grade of C or better.

**BIOL-404 ENTOMOLOGY 4.00 Credits**

The study of insects, their evolution, natural history, identification of dominant insects and field techniques for scientific study. Includes anatomy, physiology, phylogenetics, systematics, ecology, practical field and laboratory techniques. Three hours of lecture and one 3-hour laboratory period per week. Pre-requisite: BIOL-181 and BIOL-182 with a grade of C or better.

**BIOL-420 HUMAN DISSECTION 2.00 Credits**

Students dissect and identify gross anatomy of human cadavers under the supervision of the instructor. Pre-requisite: a grade of 'C' or better in BIOL-228.

**BIOL-443 IMMUNOLOGY 3.00 Credits**

Survey of Immunology and Immunological principles. Concepts include development of the immune system, innate versus acquired immunity, immunoglobulin structure and genetics, antigen-antibody reactions, the major histocompatibility complex and antigen presentation, T cell receptors (genetics, structure, selection), T- and B-cell activation and effector functions, cytokines, adhesion molecules, phagocytic cell function, immune responses to infectious organisms and tumors, autoimmune diseases, and immunodeficiency. Three hours of lecture per week. Pre-requisite: BIOL-228, BIOL-250, BIOL-355, or BIOL-362 with a grade of C or better.

**BIOL-450 FIELD BOTANY 4.00 Credits**

This class will use the fields of plant systematics and ecology to examine our regional flora. Within the field of plant systematics, we will survey the plant kingdom, from non-vascular plants to angiosperms, with an emphasis on evolutionary relationships and identification of regional plants. Ecological issues related to our regional plant communities will be examined through readings and discussions of the primary literature. There will be one or two required all day field trips. Pre-requisite: BIOL-181 and BIOL-182 with a grade of C or better.

**BIOL-455 MEDICAL MICROBIOLOGY 3.00 Credits**

Course applies basic principles of Microbiology to aspects of infectious disease. Topics include etiology, epidemiology, pathogenesis, and symptomology of bacterial, fungal, and viral diseases of humans as well as treatment and prevention. A survey of bacterial, viral, and fungal pathogens serves as the foundation for the course. Pre-requisite: BIOL-355 with a grade of C or better.

**BIOL-460 EVOLUTION 4.00 Credits**

Every area of biological investigation, from the study of biodiversity and consequences of environmental change to the origin and diversification of protein coding genes and variation in developmental processes, is informed by the principles of evolutionary biology. The field of evolutionary biology is one of the most dynamic areas in biology with application to understanding disease dynamics, human biology, agriculture, and the conservation of biological diversity. The study of evolution encompasses both the description and analysis of historical patterns in the biological diversity of life as well as the conceptual and mathematical frameworks that describes the processes causing evolutionary change through time. In this course, we develop the basic mathematical frameworks for population and quantitative genetics and examine evolution at the molecular and phenotypic levels. Throughout the course we draw extensively from the primary literature to illustrate the amazing diversity of life around us and the evolutionary processes that have shaped this diversity over hundreds of millions of years. There will be approximately 3 hours of lecture and 1 hour of literature review per week. Prerequisite: BIOL-341 with a "C" or better.

**BIOL-480 PRE-MEDICAL SEMINAR 2.00 Credits**

A seminar-based course designed to continue the work done in BIOL 280. This course will emphasize a preparation for applications to medical programs and resulting interviews. Students will continue to explore current events in health care and/or medical science. Discussion of individual credentials for medical programs, planning for letters of recommendation, and self-directed professional job shadowing will be included. One hour lecture per week with additional time to be determined by individual needs. Course does not meet senior elective requirement. Pre-requisite: Successful completion of BIOL-280. Graded P/F only.

**BIOL-485 TEACHING ASSISTANT IN BIOLOGY 1.00-2.00 Credits**

Students will learn to organize and prepare laboratory sessions to be taught in biology courses. Students may also gain experience teaching laboratory concepts to biology students.

**BIOL-490 DIRECTED STUDY IN BIOLOGY 1.00-4.00 Credits****BIOL-491 WORKSHOP IN BIOLOGY 1.00-4.00 Credits****BIOL-492 SPECIAL TOPICS IN BIOLOGY 1.00-4.00 Credits****BIOL-494 INTERNSHIP IN BIOLOGY 1.00-12.00 Credits****BIOL-495 PRACTICUM IN BIOLOGY 1.00-2.00 Credits****BIOL-499 SENIOR PROJECT AND SEMINAR IN BIOLOGY 1.00-3.00 Credits**

Students will conduct and communicate the results of a research project in the Natural Sciences Division. Topics may include the historical, philosophical, cultural and environmental aspects, and the processes of natural science. Requirements of students include satisfactory oral presentation and defense of their research and submission of a written report approved by their advisor to the Natural Sciences Division. Pre-requisite: NS-398.

**CHEM-100 CONCEPTS OF CHEMISTRY 4.00 Credits**

From the food we eat to the medicines we take to the transportation we use, we experience chemistry every day. In this course, you will study the chemistry of everyday life with the goal of making informed consumer decisions. Pre-requisite: Level C or higher. Core math ready (excluding 153P and 123P) or core math complete. See Course Placement Chart for equivalent courses and test scores.

**CHEM-105 GENERAL, ORGANIC AND BIOCHEMISTRY 4.00 Credits**

An introduction to chemistry with an emphasis on biochemistry for the health professions. Three lectures and one laboratory per week. Pre-requisite: Level C or higher. Core math ready (excluding 153P and 123P) or core math complete. See Course Placement Chart for equivalent courses and test scores.

**CHEM-111 PRINCIPLES OF CHEMISTRY I 4.00 Credits**

A systematic and intensive treatment of chemical principles and their applications. Four hours of lecture/recitation, and one 3-hour laboratory per week. Lab fee. Pre-requisite: Level C or higher. Core math ready (excluding 153P and 123P) or core math complete. See Course Placement Chart for equivalent courses and test scores.

**CHEM-112 PRINCIPLES OF CHEMISTRY II 4.00 Credits**

Elementary theoretical chemistry and its application to analytical practice. Includes emphasis on intermolecular forces, equilibrium, electrochemistry and nuclear chemistry. Four hours of lecture/recitation and one 3-hour laboratory per week. Pre-requisite: CHEM-111 with a grade of C or better. Lab fee.

**CHEM-190 DIRECTED STUDY IN CHEMISTRY 1.00-12.00 Credits****CHEM-192 SPECIAL TOPICS IN CHEMISTRY 1.00-12.00 Credits****CHEM-195 PRACTICUM IN CHEMISTRY 1.00-2.00 Credits****CHEM-199 RESEARCH ASSISTANTSHIP IN CHEMISTRY 1.00-12.00 Credits****CHEM-290 DIRECTED STUDY IN CHEMISTRY 1.00-4.00 Credits****CHEM-291 WORKSHOP IN CHEMISTRY 1.00-4.00 Credits****CHEM-292 SPECIAL TOPICS IN CHEMISTRY 1.00-4.00 Credits****CHEM-294 INTERNSHIP IN CHEMISTRY 12.00 Credits****CHEM-295 PRACTICUM IN CHEMISTRY 1.00-2.00 Credits****CHEM-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****CHEM-300 PHYSICAL CHEMISTRY I WITH LABORATORY 4.00 Credits**

Investigates Properties of Matter and Gases, Laws of Thermodynamics, Energy Changes, Chemical and Phase Equilibrium, Solutions, and Chemical Kinetics. Laboratory component demonstrates and tests these concepts (3 hour lab). Pre-requisite: MATH-175 and CHEM-112 with a grade of C or better.

**CHEM-306 PHYSICAL CHEMISTRY II 3.00 Credits**

Topics include Quantum theory, Atoms, Diatomic Molecules, Polyatomic Molecules and Spectroscopy. Pre-requisite: CHEM-300 with a grade of C or better.

**CHEM-325 QUANTITATIVE ANALYSIS 3.00 Credits**

Theory of classical gravimetric and volumetric chemical analyses with an introduction to instrumental techniques. Basic data handling and statistics, chemical equilibrium, electrochemistry. Three hours of lecture per week. Pre-requisite of CHEM-112 with a grade of C or better. Co-requisite of CHEM-325L.

**CHEM-325L QUANTITATIVE ANALYSIS LABORATORY 2.00 Credits**

Laboratory course companion to CHEM 325 that develops quantitative laboratory skills including accurate/precise weighing and pipetting, acid digestion, dilution, filtration and titration. The operation and basic theory of instruments including molecular and atomic absorption, high performance liquid chromatography, ion chromatography, and gas chromatography-mass spectrometry will be explored. Statistical reasoning will be emphasized. 4 hours per week of lab. PREREQ: CHEM 112; COREQ: CHEM 325; LAB FEE.

**CHEM-353 LABORATORY PREPARATION TECHNIQUES 2.00 Credits**

Techniques of solution preparation, chemical storage and management, prevention of contamination, and quality assurance. One hour of lecture and one 3-hour laboratory per week. Pre-requisite: CHEM-325 with a grade of C or better.

**CHEM-371 ORGANIC CHEMISTRY I 3.00 Credits**

Principles and theories of organic chemistry and the properties, preparations, and reactions of organic compounds. Three hours of lecture per week. This is a writing integrated course. Pre-requisite: CHEM-112 with a grade of C or better.

**CHEM-372 ORGANIC CHEMISTRY II 3.00 Credits**

Continuation of Chemistry 371. Three hours of lecture per week. Pre-requisite: CHEM-371 with a grade of C or better.

**CHEM-373 ORGANIC CHEMISTRY I LAB 1.00 Credit**

Laboratory to accompany Chemistry 371. One 3-hour lab per week. Co-requisite: CHEM-371.

**CHEM-376 ORGANIC CHEMISTRY II LAB 2.00 Credits**

Laboratory to accompany CHEM-372. 3-hours of lab per week and information literacy. Pre-requisite: CHEM-371 and CHEM-373, with a grade of C or better. Co-requisite: CHEM-372. Lab fee.

**CHEM-390 DIRECTED STUDY IN CHEMISTRY 1.00-4.00 Credits****CHEM-392 SPECIAL TOPICS IN CHEMISTRY 1.00-4.00 Credits****CHEM-394 INTERNSHIP IN CHEMISTRY 1.00-12.00 Credits****CHEM-395 PRACTICUM IN CHEMISTRY 1.00-2.00 Credits****CHEM-399 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****CHEM-420 PRINCIPLES OF GEOCHEMISTRY 3.00 Credits**

This 400-level course is designed to draw together the themes and topics from other courses in the Earth Science major into an integrated picture of Earth and its interrelated systems, as well as applying chemistry to these systems. The focal discussion will be on the interactions between the atmosphere, hydrosphere, biosphere and lithosphere and current topics of interest related to them. Of particular interest are scientific problems involving Earth's systems such as coral bleaching, climate change, and water pollution. Pre-requisite: CHEM-112 with a grade of C or better. Crosslisted with GEOL-420.

**CHEM-454 INSTRUMENTAL ANALYSIS 5.00 Credits**

Course covers the basic principles and use of instruments. Ultraviolet, visible, infrared, Raman, and atomic absorption spectroscopy. Electrochemistry. Pre-requisite: CHEM-325 with a grade of C or better.

**CHEM-463 INORGANIC CHEMISTRY 4.00 Credits**

Course covers the basic principles of descriptive chemistry, coordination chemistry, models of bonding in transition metal complexes, molecular symmetry, molecular orbital theory, spectroscopy, and organometallic chemistry. The laboratory component introduces the student to standard aspects of synthetic inorganic chemistry, bioinorganic chemistry, organometallic chemistry and catalytic chemistry. Pre-requisite: CHEM-371 with a grade of C or better.

**CHEM-481 BIOCHEMISTRY I 4.00 Credits**

A study of protein structures and functions and the basics of sugar and lipid protein analysis. Three hours of lecture and one 3-hour laboratory per week. Pre-requisite: CHEM-371 with a grade of C or better.

**CHEM-482 BIOCHEMISTRY II 3.00 Credits**

Functional continuation of CHEM-481. Lipid, amino acid and nucleotide metabolism. Emphasis is on regulation of metabolism, metabolic dysfunctions, biochemical mechanisms of hormone action, biochemical genetics, protein synthesis, and metabolic consequences of genetic defects. Three hours of lecture/discussion per week. Pre-requisite: CHEM-481 with a grade of C or better.

**CHEM-490 DIRECTED STUDY IN CHEMISTRY 1.00-4.00 Credits****CHEM-491 WORKSHOP IN CHEMISTRY 1.00-4.00 Credits****CHEM-492 SPECIAL TOPICS IN CHEMISTRY 1.00-4.00 Credits****CHEM-494 INTERNSHIP IN CHEMISTRY 1.00-12.00 Credits****CHEM-495 PRACTICUM IN CHEMISTRY 1.00-2.00 Credits****CHEM-499 RESEARCH PROJECT AND SEMINAR IN CHEMISTRY 1.00-3.00 Credits**

Students will conduct and communicate the results of a research project in the Natural Sciences Division. Topics may include the historical, philosophical, cultural and environmental aspects, and the processes of natural science. Requirements of students include satisfactory oral presentation and defense of their research and submission of a written report approved by their advisor to the Natural Sciences Division. Pre-requisite: NS-398.

**ENGR-105 ENGINEERING GRAPHICS 2.00 Credits**

Engineering Graphics emphasizes computer aided graphical analysis and transmission of information. Study of computer designing and drafting systems is presented using various CAD software applications with specialization in the AUTOCAD program. Included will be freehand and computer generated engineering graphics, 2D, and 3D graphics in orthographic and pictorial projections in sections and various views, graphical analysis of data, and measurements dimensioning. Course Fee.

**ENGR-110 SOLIDWORKS - COMPUTER AIDED DRAFTING 3.00 Credits**

An introduction to the concepts commands of parametric solid modeling. Students create sketches and add relationships to the sketch segments, extrude the sketches to create models, add features such as fillets, cut, extrude, chamfers, holes, draft, shell, lofts and sweeps, assemblies and BOM, the use of equations, part configurations and design tables, derived and molded parts.

**ENGR-115 SURVEYING 3.00 Credits**

Theory of measurements, basic equations for survey computations, types of distribution of errors, topographical and land surveying introduction to geographic information systems and global positioning systems, coordinate geometry and coordinate transformations, site engineering projects using land development software, application of surveying methods to construction; site engineering, and civil engineering projects surveying instruments. Pre-requisite: MATH-144.

**ENGR-120 ENGINEERING FUND ANALYSIS & DESIGN 4.00 Credits**

This course provides both an introduction to the engineering profession through design projects, research, and guest speakers along with development of college success skills for an engineering academic program including time management and study skills, critical thinking, problem solving skills, communication skills, ethics, and an introduction to basic computer programs.

**ENGR-210 ENGINEERING STATICS 3.00 Credits**

Engineering application of the principles of mechanics, force systems, equilibrium, structures, distributed forces, moments of inertia, and friction with an emphasis on problem solving. Pre-requisite: Grade of 'C' or better in MATH-170.

**ENGR-220 ENGINEERING DYNAMICS 3.00 Credits**

Engineering application of principles of particle and rigid body kinematics, force-mass-acceleration relations, work and energy, impulse and momentum, and moments of inertia and mass with an emphasis on problem solving. Course fee. Pre-requisite: A grade of 'C' or better in MATH-170 and ENGR-210.

**ENGR-240 ELECTRICAL CIRCUITS 4.00 Credits**

An introduction to basic electric circuit analysis with lab. Concepts covered include steady-state DC circuits, AC steady-state circuits using phasor analysis, AC power calculation, first order transient, ideal op-amps, ideal transformers, and introduction to balanced 3-phase circuits. Pre-requisite: PHYS-211 or MATH-170.

**ENGR-292 SPECIAL TOPICS IN ENGINEERING 3.00 Credits****ENGR-330 MECHANICS OF MATERIALS 3.00 Credits**

An introduction to the principles and methods of mechanics of materials analyzing stress, strain and displacement fields in mechanically and thermally loaded components. Pre-requisite: ENGR-210.

**FSCI-101 INTRODUCTION TO FORENSIC SCIENCE 4.00 Credits**

Introduces students to the field of forensic science. Will focus on different forms of physical evidence, including their collection, analysis and evidentiary value in a criminal investigation. The laboratory portion of the course will supplement the lecture and allow students to examine evidence using modern techniques and instrumentation. Topics discussed include organic and inorganic chemical analyses of physical evidence, principles of serology and DNA analysis, identification of fresh and decomposed human remains, ballistics, fingerprint analysis, facial reconstruction, drug analysis and forensic entomology. Pre-requisite: Level C or higher. Core math ready (excluding 153P and 123P) or core math complete. See Course Placement Chart for equivalent courses and test scores.

**GEOL-101 PHYSICAL GEOLOGY 4.00 Credits**

Introduction to basic concepts of geology in the context of geologic hazards and geologic resources. Topics covered include: global circulation of water and air, rocks and minerals, plate tectonics, geologic time, deductive reasoning from sparse evidence. Geologic and topographic map reading skills are taught and emphasized, using examples from the local area. Lecture and laboratory. Pre-requisite: Level C or higher. Core math ready (excluding 153P and 123P) or core math complete. See Course Placement Chart for equivalent courses and test scores.

**GEOL-120 INTRODUCTION TO EARTH SYSTEMS 4.00 Credits**

This course will examine the formation of planet Earth, its structure, atmosphere, hydrosphere and biosphere. We will learn about the climate and how the various systems interact with each other. Human impacts on the atmosphere and climate will also be discussed from a scientific perspective. Three hours of lecture and 3 hours of laboratory time per week.

**GEOL-190 DIRECTED STUDY IN GEOLOGY 1.00-12.00 Credits****GEOL-202 HISTORICAL GEOLOGY 4.00 Credits**

Emphasis on geologic time; no other discipline offers such a long time perspective relevant to modern decision-making. Includes: review of basic Earth materials; plate-tectonic framework for interpreting Earth history; absolute dating techniques and the age of the Earth's formation; depositional environments and interpretation of sedimentary rocks as a tool of paleogeography; lithostratigraphic principles and relative dating by Steno's laws and cross-cutting relationships; basic principles of paleontology, including overview of taxonomy, processes of fossilization, evolutionary principles, biostratigraphic principles; systematic examination of tectonic setting, paleogeography, paleobiology, and paleoclimate for each period of Earth's history. Lecture and laboratory. Pre-requisite: A grade of 'C' or better in GEOL-101.

**GEOL-290 DIRECTED STUDY IN GEOLOGY 1.00-12.00 Credits**

Additional library and/or field research by individuals based on student/faculty interests. This course can provide a mechanism for students to participate in faculty research projects for academic credit. Pre-requisite: Permission of instructor.

**GEOL-291 WORKSHOP IN GEOLOGY 1.00-12.00 Credits****GEOL-292 SPECIAL TOPICS IN GEOLOGY 1.00-12.00 Credits****GEOL-295 PRACTICUM IN GEOLOGY 1.00-2.00 Credits****GEOL-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****GEOL-301 GEOLOGIC FIELD METHODS 1.00-6.00 Credits**

Six-week course in the field. Principles of geologic mapping in igneous, sedimentary and metamorphic terranes using examples from Hells Canyon. Pre-requisite: Permission of instructor. Lab fee.

**GEOL-309 HYDROGEOLOGY 4.00 Credits**

Fundamentals of surface and groundwater movement in a geologic context. Includes hydrologic, geologic, and other factors controlling groundwater flow, occurrence, development, chemistry, and contamination. Groundwater flow theory and aquifer test methods are introduced. Interactions between surface and subsurface hydrologic systems are covered. Some field trips are possible. Introduction to aquifer pumping tests, aquifer analysis, watershed analysis, and water budgets. Field methods are emphasized through consideration of local examples. Lecture and laboratory. Pre-requisite: A grade of 'C' or better in GEOL-101.

**GEOL-313 EARTH MATERIALS I 4.00 Credits**

The study of naturally occurring, inorganic crystalline solids with definite chemical structures which give them unique physical properties (minerals). It is an important curricular component for both (1) Geology majors who intend to pursue careers in the Earth Sciences as well as (2) students preparing for teaching careers who expect to teach Earth Science classes at the junior high or secondary level. The study of minerals has ancient roots and was associated with the development of geology, chemistry, and physics. Therefore, this course integrates many of these fields of study. This course introduces mineral chemistry, symmetry and classification; provides basic geologic skills in descriptive mineralogy, including space groups and the use of stereo nets; hand-sample petrography of igneous, metamorphic and sedimentary rocks; and elementary optical methods. Pre-requisite: A grade of 'C' or better in GEOL-101.



**GEOL-314 EARTH MATERIALS II 4.00 Credits**

Introduction of descriptive igneous, sedimentary and metamorphic petrography; plate-tectonic framework for interpreting petrogenesis; phase equilibria and basic geochemistry of magmatic systems; geochemistry of weathering and soil formation; pressure-temperature-time relationships of metamorphic facies; and economic geology, including ore mineralogy and resource extraction. Labs emphasize microscopic identification of minerals and textures, and the formulation of petrogenetic interpretations. Lecture and laboratory. Pre-requisite: A grade of 'C' or better in GEOL-313.

**GEOL-335 EARTH SURFACE PROCESSES 4.00 Credits**

This course examines the evolution of natural landscapes by water, wind, ice and tectonic processes. Topics include: weathering and mass wasting, neotectonics, fluvial geomorphology, glacial geomorphology, and Quaternary geology field techniques. Approximately one third of instructional time is spent in the field. Lecture and laboratory. Pre-requisite: A grade of 'C' or better in GEOL-101.

**GEOL-390 DIRECTED STUDY IN GEOLOGY 1.00-12.00 Credits****GEOL-392 SPECIAL TOPICS IN GEOLOGY 1.00-12.00 Credits****GEOL-393 SERVICE LEARNING IN GEOLOGY 1.00-12.00 Credits**

SERVICE LEARNING IN GEOLOGY.

**GEOL-394 INTERNSHIP IN GEOLOGY 1.00-12.00 Credits****GEOL-395 PRACTICUM IN GEOLOGY 1.00-12.00 Credits****GEOL-399 RESEARCH ASSISTANTSHIP 1.00-3.00 Credits****GEOL-420 PRINCIPLES OF GEOCHEMISTRY 3.00 Credits**

This 400-level course is designed to draw together the themes and topics from other courses in the Earth Science major into an integrated picture of Earth and its interrelated systems, as well as applying chemistry to these systems. The focal discussion will be on the interactions between the atmosphere, hydrosphere, biosphere and lithosphere and current topics of interest related to them. Of particular interest are scientific problems involving Earth's systems such as coral bleaching, climate change, and water pollution. Pre-requisite: CHEM-112 with a grade of C or better. Crosslisted with CHEM-420.

**GEOL-421 STRUCTURAL GEOLOGY 4.00 Credits**

Emphasizes 3-dimensional thinking; no other scientific discipline requires the same spatial thinking skills that geology does. This class covers classical and modern concepts of structural geology including: the recognition and description of folds, faults, joints, and metamorphic fabrics in rocks; description and interpretation of stress and strain from these structures; preparation and interpretation of geologic maps and cross-sections. Lecture and laboratory. Pre-requisites: a grade of 'C' or better in GEOL-101.

**GEOL-450 EARTH SYSTEMS CAPSTONE 3.00 Credits**

This course is designed to draw together the themes and topics from other courses in the Earth Science major into an integrated picture of Earth and its interrelated systems. The focal discussion will be on the interactions between the major systems and current topics of interest related to them. Of particular interest are scientific problems involving Earth's systems that are, as of yet, unresolved. Pre-requisite: GEOL-120 and NS-380.

**GEOL-490 DIRECTED STUDY IN GEOLOGY 1.00-12.00 Credits****GEOL-491 WORKSHOP IN GEOLOGY 1.00-12.00 Credits****GEOL-492 SPECIAL TOPICS IN GEOLOGY 1.00-12.00 Credits****GEOL-495 PRACTICUM IN GEOLOGY 1.00-12.00 Credits****GEOL-499 RESEARCH PROJECT AND SEMINAR IN GEOLOGY 1.00-3.00 Credits**

Students will conduct and communicate the results of a research project in the Natural Sciences Division. Topics may include the historical, philosophical, cultural and environmental aspects, and the processes of natural science. Requirements of students include satisfactory oral presentation and defense of their research and submission of a written report approved by their advisor to the Natural Sciences Division. Prerequisite: NS-398.

**GIS-271 GEOGRAPHIC INFORMATION SYSTEMS 4.00 Credits**

This course will review fundamentals of the Geographic Information Systems; its basic applications and procedures and survey approaches to the use of GIS through problem solving. Two hours of lecture and a two hour laboratory per week. Pre-requisite: Computer literacy in use of PC systems of database management, spreadsheet analysis and a graphical software package. Lab fee.

**GIS-295 PRACTICUM IN GEOGRAPHIC INFORMATION SYSTEMS 1.00-12.00 Credits****GIS-390 DIRECTED STUDY IN GEOGRAPHIC INFORMATION SYSTEMS 1.00-12.00 Credits****GIS-394 INTERNSHIP IN GEOGRAPHIC INFORMATION SYSTEMS 1.00-12.00 Credits****GIS-395 PRACTICUM IN GEOGRAPHIC INFORMATION SYSTEMS 1.00-12.00 Credits****GIS-471 ADVANCED GEOGRAPHIC INFORMATION SCIENCE 4.00 Credits**

An advanced Geographic Information Science course with emphasis on development of a semester long, real-world GIS project using state-of-the-art tools and techniques. Additional emphasis will also be placed on project management including goal setting, timelines and production scheduling. Lecture and laboratory. Pre-requisite: A grade of 'C' or better in GIS-271.

**GIS-481 DIGITAL REMOTE SENSING 4.00 Credits**

Computer processing, analysis and interpretation of digital remote sensing data with an emphasis on application of remotely sensed imagery to the analysis of environmental quality and management of natural resources. Pre-requisite: A grade of 'C' or better in GIS-271.

**GIS-490 DIRECTED STUDY IN GEOGRAPHIC INFORMATION SYSTEMS 1.00-12.00 Credits****GIS-494 INTERNSHIP IN GEOGRAPHIC INFORMATION SYSTEMS 1.00-12.00 Credits****GIS-495 PRACTICUM IN GEOGRAPHIC INFORMATION SYSTEMS 1.00-2.00 Credits****GIS-499 SENIOR PROJECT AND SEMINAR IN GEOGRAPHIC INFORMATION SYSTEMS 1.00-3.00 Credits**

Students will conduct and communicate the results of a research project in the Natural Sciences Division. Topics may include the historical, philosophical, cultural and environmental aspects, and the processes of natural science. Requirements of students include satisfactory oral presentation and defense of their research and submission of a written report approved by their advisor to the Natural Sciences Division. Prerequisite: NS-398.

**HLTH-101 INTRODUCTION TO HEALTH PROFESSIONS 1.00 Credit**

This course is for students interested in prospective health professions. It will explore the various health-related programs at LCSC and develop successful study habits for science-related curriculum.

**HLTH-215 ELEMENTARY HEALTH SCIENCE/METHODS 3.00 Credits**

A course for teachers. Topics include wellness, fitness, nutrition, weight control, human sexuality, disease prevention, substance use and abuse, injury prevention and emergency care, environmental health, consumerism, mental and emotional wellness. Writing integrated. Fee required.

**HLTH-245 DEATH AND DYING 1.00 Credit**

Trends and patterns in death and dying including cross-cultural and historical perspectives, death in popular culture, demography of death, grief and bereavement, dying patient's perspectives and ethical dilemmas.

**HLTH-246 HUMAN SEXUALITY 1.00 Credit**

An overview of biological, behavioral and cultural aspects of human sexuality including study of gender, sexually transmitted diseases, pregnancy and sexual dysfunction.

**HLTH-247 STRESS MANAGEMENT 1.00 Credit**

Reviews the physical, social and psychological aspects of the human stress response. Provides students with an increased personal awareness of their own stress and a practical application of relaxation and stress reduction techniques.

**HLTH-248 BEHAVIOR CHANGE 1.00 Credit**

This course provides a comprehensive overview of behavior change as it relates to public and personal health. The course includes content on lifestyle change and prevention and chronic disease management, with a focus on specific behaviors (i.e. diet and nutrition, tobacco use) and chronic illness (i.e. diabetes, heart disease). This course will introduce students to the various theoretical models of health behavior change and how they relate to both individuals and diverse communities. Barriers and facilitators of lifestyle change and disease management will be covered, as well as the psychosocial predictors of behavior. Health related behavior change strategies including, but not limited to, topics such as physical activity, nutrition, stress reduction, tobacco cessation and obesity will all be addressed. The course will also include an introduction to the science behind multiple-risk behavior change and other future directions of the emerging field of health behavior change.

**HLTH-253 NUTRITION 3.00 Credits**

Principles of life span nutrition. Includes study of nutritional needs during exercise and the influence social, economical, and ethnic factors play in dietary habits and attitudes. Pre-requisite: ENGL-101 or appropriate placement score and MATH-025 or appropriate placement score.

**HLTH-272 FITNESS AND WELLNESS 3.00 Credits**

Provides students with skills and knowledge to practice health-enhancing behaviors and reduce health risks to themselves and others. Focuses on holistic health, exercise, nutrition, substance use and abuse, stress management, posture, care of the back and neck, prevention of cancer and sexually transmitted diseases. Students will use goal-setting and decision-making skills that enhance health. Lecture and participation in physical activity. Cross-listed with KIN-272.

**HLTH-290 DIRECTED STUDY IN HEALTH 1.00-12.00 Credits****HLTH-291 WORKSHOP IN HEALTH 1.00-12.00 Credits****HLTH-292 SPECIAL TOPICS IN HEALTH 1.00-12.00 Credits****HLTH-295 PRACTICUM IN HEALTH 1.00-12.00 Credits****HLTH-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****HLTH-342 COMMUNITY HEALTH 3.00 Credits**

An overview of health in world communities. Topics include diseases, environmental health, consumer health, school and workplace health, public health policy, global organizations and issues. Students will learn how to access valid health-enhancing products and services.

**HLTH-343 SPORT NUTRITION 3.00 Credits**

Nutritional parameters of athletic and fitness performance covered will include intervention planning, energy production, the energy nutrients, vitamins and minerals, principles of balanced diets, timing and composition of intakes, hydration, weight management strategies, and nutritional needs for special situations. Pre-requisite: HLTH-253.



**HLTH-352 TECHNOLOGIES FOR HEALTH AND WELLNESS PROFESSIONALS 3.00 Credits**

Strategies and skills for the development, utilization and evaluation of instructional media for program administration, health promotion and teaching in health clubs, corporations, youth organizations, public health, and schools. Fee required.

**HLTH-354 ADDICTION AND PERFORMANCE 2.00 Credits**

Drug use and abuse is perhaps the biggest challenge facing sport today. However, in the eye of the storm of public and press opinion and with medals and morals at stake, it can be difficult to gain a clear perspective on this complex issue. This course will explore the hard science behind drug use in sport as well as the ethical, social, political and administrative context. Key topics include: Mode of action and side effects of each major class of drugs used in sport Cutting edge issues such as gene doping and athlete biological passports Latest doping control regulations of the WADA Issues surrounding non-prohibited substances and ergogenic aids in supplements Assessment of the prevalence of drug taking in sport.

**HLTH-390 DIRECTED STUDY IN HEALTH 1.00-12.00 Credits****HLTH-391 WORKSHOP IN HEALTH 1.00-12.00 Credits****HLTH-392 SPECIAL TOPICS IN HEALTH 1.00-12.00 Credits****HLTH-395 PRACTICUM IN HEALTH 1.00-12.00 Credits****HLTH-399 RESEARCH ASSISTANSHIP 1.00-12.00 Credits**

Graded P/F only.

**HLTH-453 HEALTH PROMOTION 3.00 Credits**

This course covers the design, implementation and evaluation of personal, worksite, school and community health promotion programs with a focus on social health marketing. The course explores methods used in both health promotion and health education that is purposely designed to guide individuals and groups toward a healthier lifestyle. Health Promotion will introduce students on the methods and strategies needed to facilitate support groups, select presentation methods, develop effective presentations, develop and select print materials and how to work with media at both the individual and community level. This course will also teach students how to develop the professionalism skills needed today to be a successful health educator or health promotion specialist. At the conclusion of this course students will be able to effectively communicate health education messages and positively influence the norms and behaviors of both individuals and communities in todays multicultural society.

**HLTH-454 WELLNESS COACHING 2.00 Credits**

In this course, students will learn to implement theory-based Wellness Coaching strategies to promote and motivate positive psychology and behavior changes that can be used by corporations, clinicians, worksite settings and personal Coaches. Skills learned in this course are versatile and can be used by counselors or individuals interested in life, health, fitness or wellness coaching.

**HLTH-490 DIRECTED STUDY IN HEALTH 1.00-12.00 Credits****HLTH-491 WORKSHOP IN HEALTH 1.00-12.00 Credits****HLTH-492 SPECIAL TOPICS IN HEALTH 1.00-12.00 Credits****HLTH-494 INTERNSHIP IN HEALTH 1.00-12.00 Credits**

Application of advanced coursework, skills and knowledge to a supervised, practical experience in Kinesiology, Sports Administration, Coaching, Physical Education, Sports Medicine, Physical/Occupational Therapy, Fitness and Wellness. Pre-requisite: Instructor's permission.

**HLTH-495 PRACTICUM IN HEALTH 1.00-12.00 Credits****HLTH-499 RESEARCH PROJECT AND SEMINAR IN HEALTH 1.00-12.00 Credits****ID-240 INTEGRATED SCIENCE II 4.00 Credits**

This is the second of a team-taught, place-based, course, which is designed to provide an introduction to multiple scientific disciplines, including biology, chemistry, computer science, earth science, mathematics, and physics around the theme of the greater Lewiston-Clarkston valley watershed. Course content is integrated in order to allow the students the opportunity to use multiple scientific disciplines to understand the world in which they live. The focus in this second course is on topics of local concern including dams plus modules that will vary with instructor (s). The course will include an emphasis on college reading, college writing, collaboration, and using math to solve real-world problems. This is a 4-credit class with 3 hours of lecture a week and approximately 3 hours of laboratory each week. Pre-requisites: NS-140 with a grade of C or better and MATH-144 taken concurrently or permission of instructor.

**ID-290 DIRECTED STUDY IN INTERDISCIPLINARY STUDIES 1.00-12.00 Credits****ID-291 WORKSHOP IN INTERDISCIPLINARY STUDIES 1.00-12.00 Credits****ID-292 SPECIAL TOPICS IN INTERDISCIPLINARY STUDIES 1.00-12.00 Credits****ID-294 INTERNSHIP IN INTERDISCIPLINARY STUDIES 1.00-12.00 Credits****ID-295 PRACTICUM IN INTERDISCIPLINARY STUDIES 1.00-12.00 Credits****ID-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits**

Graded P/F only.

**ID-300A ANIMALS AND SOCIETY 3.00 Credits**

This course is an interdisciplinary introduction to the ethical dimensions of relationships between humans and non-human animals. Drawing on the works of philosophers, social and natural scientists, and legal scholars, students will learn about the roles, treatment, and moral standing of animals and the competing values that have shaped human-animal relationships in past and present societies. Pre-requisite: ENGL-102 or ENGL-109, and a total of 24 credit hours in the General Education Core or instructor permission.

**ID-300B ART AND CENSORSHIP 3.00 Credits**

Focuses on the social and ethical implications of the artist's creative freedom, particularly how artistic freedom related to personal freedom. Considers issues common to the visual, plastic, musical, and theatrical arts. Pre-requisite: ENGL-102 or ENGL-109, and a total of 24 credit hours in the General Education Core or instructor permission.

**ID-300C ETHICS AND IDENTITY 3.00 Credits**

This course takes an interdisciplinary approach to the study of ethical questions and cultural values as they relate to differences in race, ethnicity, gender, social class, and other categories that together form the basis of identity in the social world. Pre-requisite: ENGL-102 or ENGL-109, and a total of 24 credit hours in the General Education Core or instructor permission.

**ID-300D ETHICS AND ECOLOGY 3.00 Credits**

Introduces the nature of ethical reasoning in relation to the ecology and the impact of human culture and scientific thought on ecology. Students face questions arising from their ethical obligations to each other, to non-human species, and to the planet itself. Pre-requisite: ENGL-102 or ENGL-109, and a total of 24 credit hours in the General Education Core or instructor permission.

**ID-300E ETHICS AND TECHNOLOGY 3.00 Credits**

Explores ethical challenges of living and working in a technological world. Students consider the personal, social, and philosophical implications of global technology. Pre-requisite: ENGL-102 or ENGL-109, and a total of 24 credit hours in the General Education Core or instructor permission.

**ID-300F GENDER AND CULTURE 3.00 Credits**

This course examines issues surrounding gender, sex, and sexuality from a cross-cultural perspective. The focus is on learning to think about topics of gender and sexuality holistically as they are embedded in the cultural systems of different societies and as they relate to other aspects of a given society, including the contemporary United States. In particular, students learn to analyze the cultural and social constructions of gender in different societies and in the US at different times. Pre-requisite: ENGL-102 or ENGL-109, and a total of 24 credit hours in the General Education Core or instructor permission.

**ID-300G HEALTH INTEGRATIVE SEMINAR 3.00 Credits**

This course explores health through three different academic disciplines: natural science, language and literature, and fine arts. The class is designed to develop value clarifying abilities over a wide range of value considerations (moral, ethical, physical, social, mental, spiritual, emotional, aesthetic, philosophic, and scientific). Pre-requisite: ENGL-102 or ENGL-109, and a total of 24 credit hours in the General Education Core or instructor permission.

**ID-300H LAW AND SOCIETY 3.00 Credits**

This course provides a social scientific understanding of the underlying relationship between law, values, and society. It examines how societal values (order, morality, democracy, property, liberty, multiculturalism, and equality) and societal factors (power, discretion, race, gender, and wealth) intersect with the creation, enforcement, and interpretation of public policy. Pre-requisite: ENGL-102 or ENGL-109, and a total of 24 credit hours in the General Education Core or instructor permission.

**ID-300J TERRORISM CONTEMPORARY ERA 3.00 Credits**

An interdisciplinary survey into the phenomena of political violence and terrorism is the core of this course. Historical, ethnic, religious, and ideological roots of terrorism are examined to put this behavior in sound, ethical perspectives with respect to the values of society and the goals of its perpetrators. Pre-requisite: ENGL-102 or ENGL-109, and a total of 24 credit hours in the General Education Core or instructor permission.

**ID-300K VALUES AND SPORTS 3.00 Credits**

This course explores Sport through a variety of academic disciplines including social science, fine arts, history and philosophy. The class is designed to develop value clarifying abilities over a wide range of value considerations (moral, physical, social, mental, spiritual, emotional, aesthetic, and philosophic). Pre-requisite: ENGL-102 or ENGL-109, and a total of 24 credit hours in the General Education Core or instructor permission.

**ID-300L VIETNAM 3.00 Credits**

This course will examine Vietnamese society and history particularly the nation's relationship with the United States in the 20th Century in order to explore the question of values and value conflicts. Pre-requisite: ENGL-102 or ENGL-109, and a total of 24 credit hours in the General Education Core or instructor permission.

**ID-300M VULNERABLE POPULATIONS 3.00 Credits**

Using an interdisciplinary approach (drawing on literature, history, philosophy, ethics, medicine, and media amongst others), this course will facilitate an understanding of issues facing vulnerable populations both locally and worldwide, with a focus primarily on women and children. Pre-requisite: ENGL-102 or ENGL-109, and a total of 24 credit hours in the General Education Core or instructor permission.

**ID-300N WILDERNESS 3.00 Credits**

This course examines the concept of wilderness, the ethics of interactions between humans and wilderness spaces, and how social, cultural, political, and economic values influence our understanding of wilderness. Pre-requisite: ENGL-102 or ENGL-109, and a total of 24 credit hours in the General Education Core or instructor permission.

**ID-300P DISEASES AND SOCIETY 3.00 Credits**

This course is an integrative seminar in ethics and values. Students will develop and implement critical thinking, inquiry, and problem-solving skills. The writing-integrated course will investigate social, cultural, scientific, and humanistic questions as applied to individuals and groups. Using an interdisciplinary approach, the class will facilitate understanding of issues of local and global concern. More specifically, in this course students will examine the diverse ethics and value issues associated with communicable diseases and epidemics such as cholera, HIV-AIDS, the Black Death. Students will explore how diseases affect communities at both a global and local level from multiple perspectives. Students also will investigate the relationship between disease epidemics and public health policies. Pre-requisite: ENGL-102 or ENGL-109, and a total of 24 credit hours in the General Education Core or instructor permission.

**ID-300Q ECONOMICS OF GOOD AND EVIL 3.00 Credits**

An interdisciplinary seminar in ethics and values that examines literary texts in the tradition of the humanities, social sciences, and economics. Seeks to answer questions related to normative issues – What makes an economy good or bad? How has the field of economics evolved within the ecosystem of human values? Writing integrated. Pre-requisite: ENGL-102 or ENGL-109, and a total of 24 credit hours in the General Education Core or instructor permission.

**ID-300R LEADERSHIP AND ETHICS 3.00 Credits**

Students will develop a greater understanding of the moral responsibilities of leadership. Leaders in a variety of contexts and cultures will be studied. It will integrate learning from previous coursework as students examine ethical issues leaders face in today's environment. Pre-requisite: ENGL-102 or ENGL-109, and a total of 24 credit hours in the General Education Core or instructor permission.

**ID-300S NORTHWEST CULTURE/HISTORY/LITERATURE 3.00 Credits**

Through a study of regionalist ethics and of Northwestern history, values and literature, this seminar explores the Northwest region and studies the intersection of values, historical consciousness and writing in the Northwest. Writing integrated. Pre-requisite: ENGL-102 or ENGL-109, and a total of 24 credit hours in the General Education Core or instructor permission.

**ID-300T PROPAGANDA 3.00 Credits**

Traces the origins, examines the practices and considers the consequences of propaganda in both totalitarian and democratic societies. The ethical implication of propaganda will be explored by applying relevant ethical and moral codes to a variety of case studies. Writing integrated. Pre-requisite: ENGL-102 or ENGL-109, and a total of 24 credit hours in the General Education Core or instructor permission.

**ID-300U WOMEN IN THE 20TH CENTURY 3.00 Credits**

The ethical issues confronted by American women are examined by study of literary and historical texts as well as through their own writing. Writing integrated. Pre-requisite: ENGL-102 or ENGL-109, and a total of 24 credit hours in the General Education Core or instructor permission. Cross-listed with SS-350.

**ID-300V GANDHIAN ETHICS AND VALUES 3.00 Credits**

Although best known as a spiritual leader and the father of India's independence, Mohandas Gandhi also stands out as an important philosopher and thinker. This course will provide students a valuable opportunity to expand their intellectual tool kit by learning about Gandhian philosophy and using it as a lens through which to consider various questions related to ethics and values. Pre-requisite: ENGL-102 or ENGL-109, and a total of 24 credit hours in the General Education Core or instructor permission.

**ID-300W ETHICS OF FOOD AND AGRICULTURE 3.00 Credits**

This purpose of this course is to explore the values and ethics that underlie our food and agricultural systems and the choices we make regarding our food. Examples of topics to be covered include 1) farm labor rights, 2) sustainable use of land, and 3) use of technology in our food supply. Students will evaluate these topics on both a local and global scale and from a variety of disciplinary lenses in the social and natural sciences. Pre-requisite: Completion of ENGL-102 or ENGL-109 and 24 credit hours in the General Education Core or instructor permission.

**ID-300X ETHICS: CIVIL RIGHTS MOVEMENTS 3.00 Credits**

This course will focus on the "long Civil Rights Movement" for African-Americans from the 19th century to the present day, using history, music, literature, and popular culture to explore the many perspectives. The course will study events of historical significance (the Montgomery bus boycott, the march to Selma, Dr. King's assassination, etc.) as well as those of artistic significance (the Harlem Renaissance, Afro-centric music, protest music, etc.), and examine how both have had a lasting effect on popular culture as well as have shaped the civil rights. Pre-requisite: ENGL-101 or ENGL-109, and a total of 24 credit hours in the General Education Core or instructor permission.

**ID-301A HELLS CANYON INSTITUTE 3.00 Credits**

The Hells Canyon Institute takes an interdisciplinary approach to questions of ethics and values relating to the concept of wilderness. This course will focus on a particular place - Hells Canyon of the Snake River - and will include on-campus class meetings and a week-long field school in Hells Canyon. Pre-requisite: ENGL-102 or ENGL-109, and a total of 24 credit hours in the General Education Core or instructor permission.

**ID-321 PRIOR LEARNING PORTFOLIO DEVELOPMENT 1.00 Credit**

This course will assist students to explore earning credit through knowledge and skills acquired through prior training and experience because of a job or other experiential learning opportunities. It will help students work through the process of developing and submitting an effective portfolio to document their prior learning. This course will also discuss additional methods of obtaining credit through prior learning and experience.

**ID-360 LEADERSHIP 3.00 Credits**

Explores the concept of leadership from an interdisciplinary perspective: psychological determinants of leaders and followers, political factors of governance, sociological issues connecting individuals and small groups, anthropological factors in tracking societal transformations and management skills in the practice of leadership.

**ID-392 Portfolio 1.00 Credit**

**ID-394 INTERNSHIP IN INTERDISCIPLINARY STUDIES 1.00-12.00 Credits**

**ID-399 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits**

Graded P/F only.

**ID-412 ADVANCED PATHOPHYSIOLOGY AND PHARMACOLOGY 1.00 Credit**

An in depth study of the physiology, manifestations, and treatment of human disease processes in one disease, such as septicemia. Pre-requisites: BIOL-312 and NU-312 with a grade of C or better.

**ID-450 INTERDISCIPLINARY STUDIES SEMINAR 3.00 Credits**

Seminar focuses on the theory and practice of interdisciplinary thinking and interdisciplinary approaches to complex problem solving, culminating in a problem-based interdisciplinary research paper. Pre-requisite: ENGL-102.

**ID-490 DIRECTED STUDY IN INTERDISCIPLINARY STUDIES 1.00-12.00 Credits**

**ID-491 WORKSHOP IN INTERDISCIPLINARY STUDIES 1.00-12.00 Credits**

**ID-492 SPECIAL TOPICS IN INTERDISCIPLINARY STUDIES 1.00-12.00 Credits**

**ID-494 INTERNSHIP IN INTERDISCIPLINARY STUDIES 1.00-12.00 Credits**

**ID-495 PRACTICUM IN INTERDISCIPLINARY STUDIES 1.00-12.00 Credits**

**ID-499 RESEARCH ASSISTANTSHIP IN INTERDISCIPLINARY STUDIES 1.00-12.00 Credits**

Graded P/F only.

**KIN-120A BALLET 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of dance courses including but not limited to ballet, ballroom, belly, hip hop, jazz, line, modern/contemporary, square, and swing dance. Courses are graded Pass/Fail. Some courses require fees.

**KIN-120B BALLROOM DANCE 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of dance courses including but not limited to ballet, ballroom, belly, hip hop, jazz, line, modern/contemporary, square, and swing dance. Courses are graded Pass/Fail. Some courses require fees.

**KIN-120C BELLY DANCE 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of dance courses including but not limited to ballet, ballroom, belly, hip hop, jazz, line, modern/contemporary, square, and swing dance. Courses are graded Pass/Fail. Some courses require fees.

**KIN-120D CELTIC DANCE 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of dance courses including but not limited to ballet, ballroom, belly, hip hop, jazz, line, modern/contemporary, square, and swing dance. Courses are graded Pass/Fail. Some courses require fees.

**KIN-120E COUNTRY/WESTERN DANCE 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of dance courses including but not limited to ballet, ballroom, belly, hip hop, jazz, line, modern/contemporary, square, and swing dance. Courses are graded Pass/Fail. Some courses require fees.

**KIN-120F FOLK DANCE 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of dance courses including but not limited to ballet, ballroom, belly, hip hop, jazz, line, modern/contemporary, square, and swing dance. Courses are graded Pass/Fail. Some courses require fees.

**KIN-120G HAWAIIAN DANCE 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of dance courses including but not limited to ballet, ballroom, belly, hip hop, jazz, line, modern/contemporary, square, and swing dance. Courses are graded Pass/Fail. Some courses require fees.

**KIN-120H HIP HOP DANCE 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of dance courses including but not limited to ballet, ballroom, belly, hip hop, jazz, line, modern/contemporary, square, and swing dance. Courses are graded Pass/Fail. Some courses require fees.

**KIN-120J JAZZ DANCE 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of dance courses including but not limited to ballet, ballroom, belly, hip hop, jazz, line, modern/contemporary, square, and swing dance. Courses are graded Pass/Fail. Some courses require fees.

**KIN-120K LATIN DANCE 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of dance courses including but not limited to ballet, ballroom, belly, hip hop, jazz, line, modern/contemporary, square, and swing dance. Courses are graded Pass/Fail. Some courses require fees.

**KIN-120M LINE DANCE 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of dance courses including but not limited to ballet, ballroom, belly, hip hop, jazz, line, modern/contemporary, square, and swing dance. Courses are graded Pass/Fail. Some courses require fees.

**KIN-120N MODERN/CONTEMPORARY DANCE 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of dance courses including but not limited to ballet, ballroom, belly, hip hop, jazz, line, modern/contemporary, square, and swing dance. Courses are graded Pass/Fail. Some courses require fees.







**KIN-122P SQUARE DANCE-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of dance courses including but not limited to ballet, ballroom, belly, hip hop, jazz, line, modern/contemporary, square, and swing dance. Courses are graded Pass/Fail. Some courses require fees.

**KIN-122Q SOCIAL DANCE-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of dance courses including but not limited to ballet, ballroom, belly, hip hop, jazz, line, modern/contemporary, square, and swing dance. Courses are graded Pass/Fail. Some courses require fees.

**KIN-122R SWING DANCE-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of dance courses including but not limited to ballet, ballroom, belly, hip hop, jazz, line, modern/contemporary, square, and swing dance. Courses are graded Pass/Fail. Some courses require fees.

**KIN-122S SWING COUNTRY WESTERN DANCE- INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of dance courses including but not limited to ballet, ballroom, belly, hip hop, jazz, line, modern/contemporary, square, and swing dance. Courses are graded Pass/Fail. Some courses require fees.

**KIN-122T TAP DANCE-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of dance courses including but not limited to ballet, ballroom, belly, hip hop, jazz, line, modern/contemporary, square, and swing dance. Courses are graded Pass/Fail. Some courses require fees.

**KIN-122U ZUMBA DANCE-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of dance courses including but not limited to ballet, ballroom, belly, hip hop, jazz, line, modern/contemporary, square, and swing dance. Courses are graded Pass/Fail. Some courses require fees.

**KIN-130A BURN/FIRM SPORT CONDITIONING 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-130B BODY SCULPTING 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-130C BOOT CAMP FITNESS 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-130D CONDITIONING 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-130E CONDITIONING FOR ATHLETES 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-130F FITNESS 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-130G JOGGING AND CONDITIONING 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-130H PILATES 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-130I AEROBIC CONDITIONING 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of fitness and group exercise courses including, but not limited to, body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training, and yoga. Courses are graded pass/fail. Some courses require fees.

**KIN-130J RUN/WALK/JOG 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-130K SPINNING 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-130L AEROBIC DANCE 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of fitness and group exercise courses including, but not limited to, body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training, and yoga. Courses are graded pass/fail. Some courses require fees.

**KIN-130M STEP AEROBICS 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-130N STRENGTH AND CONDITIONING 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-130O HIGH INTENSITY INTERVAL TRAINING 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of fitness and group exercise courses including, but not limited to, body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training, and yoga. Courses are graded pass/fail. Some courses require fees.

**KIN-130P T'AI CHI 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-130Q T'AI CHI-MEDITATION 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-130R TRX STRENGTH DEVELOPMENT 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-130S WEIGHT TRAINING 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-130T YOGA-HATHA 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-130U YOGA-MEDITATION 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-130V YOGA RETREAT WEEKEND 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-130W XFIT 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-130X FITNESS YOGA 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of fitness and group exercise courses including, but not limited to, body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training, and yoga. Courses are graded pass/fail. Some courses require fees.

**KIN-130Y HOT YOGA 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of fitness and group exercise courses including, but not limited to, body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training, and yoga. Courses are graded pass/fail. Some courses require fees.

**KIN-130Z ABS, HIPS, AND GLUTES 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of fitness and group exercise courses including, but not limited to, body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training, and yoga. Courses are graded pass/fail. Some courses require fees.

**KIN-131A BURN/FIRM SPORT CONDITIONING-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-131B BODY SCULPTING-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-131C BOOT CAMP FITNESS-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.



**KIN-131D CONDITIONING-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-131E CONDITIONING FOR ATHLETES-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-131F FITNESS-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-131G JOGGING AND CONDITIONING-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-131H PILATES-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-131I AEROBIC CONDITIONING-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of fitness and group exercise courses including, but not limited to, body sculpting, jogging/conditioning, pilates, spinning, T'ai Chi, weight training, and yoga. Courses are graded pass/fail. Some courses require fees.

**KIN-131J RUN/WALK/JOG-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-131K SPINNING-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction on a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-131L AEROBIC DANCE - BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of fitness and group exercise courses including, but not limited to, body sculpting, jogging/conditioning, pilates, spinning, T'ai Chi, weight training, and yoga. Courses are graded pass/fail. Some courses require fees.

**KIN-131M STEP AEROBICS-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-131N STRENGTH AND CONDITIONING-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-131O HIGH INTENSITY INTERVAL TRAINING - BEG 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of fitness and group exercise courses including, but not limited to, body sculpting, jogging/conditioning, pilates, spinning, T'ai Chi, weight training, and yoga. Courses are graded pass/fail. Some courses require fees.

**KIN-131P T'AI CHI-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-131Q T'AI CHI-MEDITATION-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-131R TRX STRENGTH DEVELOPMENT-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-131S WEIGHT TRAINING-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-131T YOGA-HATHA-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-131U YOGA-MEDITATION-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-131V YOGA RETREAT WEEKEND-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-131W XFIT-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-131X FITNESS YOGA-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of fitness and group exercise courses including, but not limited to, body sculpting, jogging/conditioning, pilates, spinning, T'ai Chi, weight training, and yoga. Courses are graded pass/fail. Some courses require fees.

**KIN-131Y HOT YOGA-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of fitness and group exercise courses including, but not limited to, body sculpting, jogging/conditioning, pilates, spinning, T'ai Chi, weight training, and yoga. Courses are graded pass/fail. Some courses require fees.

**KIN-131Z ABS, HIPS AND GLUTES- BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of fitness and group exercise courses including, but not limited to, body sculpting, jogging/conditioning, pilates, spinning, T'ai Chi, weight training, and yoga. Courses are graded pass/fail. Some courses require fees.

**KIN-132A BURN/FIRM SPORT CONDITIONING- INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-132B BODY SCULPTING-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-132C BOOT CAMP FITNESS-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-132D CONDITIONING-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-132E CONDITIONING FOR ATHLETES-INTERMEDIATE/ ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-132F FITNESS-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-132G JOGGING AND CONDITIONING-INTERMEDIATE/ ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction on a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-132H PILATES-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-132I AEROBIC CONDITIONING-INT/ADV 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of fitness and group exercise courses including, but not limited to, body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training, and yoga. Courses are graded pass/fail. Some courses require fees.

**KIN-132J RUN/WALK/ JOG-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-132K SPINNING-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-132L AEROBIC DANCE-INT/ADV 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of fitness and group exercise courses including, but not limited to, body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training, and yoga. Courses are graded pass/fail. Some courses require fees.

**KIN-132M STEP AEROBICS-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-132N STRENGTH AND CONDITIONING-INTERMEDIATE/ ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-132O HIGH INTENSITY INTERVAL TRAINING-INT/ADV 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of fitness and group exercise courses including, but not limited to, body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training, and yoga. Courses are graded pass/fail. Some courses require fees.

**KIN-132P T'AI CHI-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-132Q T'AI CHI-MEDITATION-INTERMEDIATE/ ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-132R TRX STRENGTH DEVELOPMENT-INTERMEDIATE/ ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-132S WEIGHT TRAINING-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-132T YOGA-HATHA-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-132U YOGA-MEDITATION-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-132V YOGA RETREAT WEEKEND-INTERMEDIATE/ ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-132W XFIT-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of fitness and group exercise courses including but not limited to bodysculpting, jogging/conditioning , pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-132X FITNESS YOGA-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of fitness and group exercise courses including, but not limited to, body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training, and yoga. Courses are graded pass/fail. Some courses require fees.

**KIN-132Y HOT YOGA-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of fitness and group exercise courses including, but not limited to, body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training, and yoga. Courses are graded pass/fail. Some courses require fees.

**KIN-132Z ABS, HIPS, AND GLUTES- INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of fitness and group exercise courses including, but not limited to, body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training, and yoga. Courses are graded pass/fail. Some courses require fees.

**KIN-140A ARCHERY 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to archery, badminton, bowling, disc golf, golf shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/fail. Some courses require fees.

**KIN-140B BADMINTON 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to archery, badminton, bowling, disc golf, golf shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/fail. Some courses require fees.

**KIN-140C BILLIARDS 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to archery, badminton, bowling, disc golf, golf shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/fail. Some courses require fees.

**KIN-140D BOWLING 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to archery, badminton, bowling, disc golf, golf shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/fail. Some courses require fees.

**KIN-140E DISC GOLF 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to archery, badminton, bowling, disc golf, golf shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/fail. Some courses require fees.

**KIN-140F GOLF 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to archery, badminton, bowling, disc golf, golf shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/fail. Some courses require fees.

**KIN-140G GYMNASTICS 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to archery, badminton, bowling, disc golf, golf shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/fail. Some courses require fees.

**KIN-140H HANDBALL 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to archery, badminton, bowling, disc golf, golf shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/fail. Some courses require fees.

**KIN-140J ICE SKATING 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to archery, badminton, bowling, disc golf, golf shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/fail. Some courses require fees.







**KIN-142E DISC GOLF-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to archery, badminton, bowling, bicycling, disc golf, golf, shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/Fail. Some courses require fees.

**KIN-142F GOLF-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to archery, badminton, bowling, bicycling, disc golf, golf, shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/Fail. Some courses require fees.

**KIN-142G GYMNASTICS-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to archery, badminton, bowling, bicycling, disc golf, golf, shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/Fail. Some courses require fees.

**KIN-142H HANDBALL-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to archery, badminton, bowling, bicycling, disc golf, golf, shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/Fail. Some courses require fees.

**KIN-142J ICE SKATING-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to archery, badminton, bowling, bicycling, disc golf, golf, shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/Fail. Some courses require fees.

**KIN-142K PICKLEBALL-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to archery, badminton, bowling, bicycling, disc golf, golf, shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/Fail. Some courses require fees.

**KIN-142M SHOTGUN SHOOTING-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to archery, badminton, bowling, bicycling, disc golf, golf, shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/Fail. Some courses require fees.

**KIN-142N STUNTS AND TUMBLING-INTERMEDIATE/ ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to archery, badminton, bowling, bicycling, disc golf, golf, shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/Fail. Some courses require fees.

**KIN-142P TENNIS-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to archery, badminton, bowling, bicycling, disc golf, golf, shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/Fail. Some courses require fees.

**KIN-142Q TRACK AND FIELD-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to archery, badminton, bowling, bicycling, disc golf, golf, shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/Fail. Some courses require fees.

**KIN-142R TRIATHALON-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to archery, badminton, bowling, bicycling, disc golf, golf, shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/Fail. Some courses require fees.

**KIN-142S RACQUETBALL-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to archery, badminton, bowling, bicycling, disc golf, golf, shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/Fail. Some courses require fees.

**KIN-142T RECREATIONAL SPORTS-INTERMEDIATE/ ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to archery, badminton, bowling, bicycling, disc golf, golf, shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/Fail. Some courses require fees.

**KIN-142U RIFLERY-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to archery, badminton, bowling, bicycling, disc golf, golf, shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/Fail. Some courses require fees.

**KIN-142V TABLE TENNIS-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to archery, badminton, bowling, bicycling, disc golf, golf, shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/Fail. Some courses require fees.

**KIN-142W WRESTLING-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to archery, badminton, bowling, bicycling, disc golf, golf, shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/Fail. Some courses require fees.

**KIN-150 TEAM SPORTS 1.00-2.00 Credits**

Flag football, field and floor hockey, softball, basketball, volleyball, soccer, team handball, speedball, baseball. Graded P/F only. Some courses require fees.

**KIN-150A AIKIDO 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to judo, karate, kickboxing, mixed martial arts, self defense. Courses are graded Pass/Fail. Some courses require fees.

**KIN-150B CHI GONG 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to judo, karate, kickboxing, mixed martial arts, self defense. Courses are graded Pass/Fail. Some courses require fees.

**KIN-150C FITNESS: 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to judo, karate, kickboxing, mixed martial arts, self defense. Courses are graded Pass/Fail. Some courses require fees.

**KIN-150D FITNESS: 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to judo, karate, kickboxing, mixed martial arts, self defense. Courses are graded Pass/Fail. Some courses require fees.

**KIN-150E FITNESS: 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to judo, karate, kickboxing, mixed martial arts, self defense. Courses are graded Pass/Fail. Some courses require fees.

**KIN-150F HAPKIDO 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to judo, karate, kickboxing, mixed martial arts, self defense. Courses are graded Pass/Fail. Some courses require fees.

**KIN-150G JUDO 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to judo, karate, kickboxing, mixed martial arts, self defense. Courses are graded Pass/Fail. Some courses require fees.

**KIN-150H KARATE 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to judo, karate, kickboxing, mixed martial arts, self defense. Courses are graded Pass/Fail. Some courses require fees.

**KIN-150J KICKBOXING 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to judo, karate, kickboxing, mixed martial arts, self defense. Courses are graded Pass/Fail. Some courses require fees.

**KIN-150K KICKBOXING-FITNESS 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to judo, karate, kickboxing, mixed martial arts, self defense. Courses are graded Pass/Fail. Some courses require fees.

**KIN-150M MIXED MARTIAL ARTS 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to judo, karate, kickboxing, mixed martial arts, self defense. Courses are graded Pass/Fail. Some courses require fees.

**KIN-150N SELF DEFENSE 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to judo, karate, kickboxing, mixed martial arts, self defense. Courses are graded Pass/Fail. Some courses require fees.

**KIN-150P TAE KWON DO 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to judo, karate, kickboxing, mixed martial arts, self defense. Courses are graded Pass/Fail. Some courses require fees.

**KIN-151A AIKIDO-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of courses including but not limited to judo, karate, kickboxing, mixed martial arts, self defense. Courses are graded Pass/Fail. Some courses require fees.





**KIN-152G JUDO-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to judo, karate, kickboxing, mixed martial arts, self defense. Courses are graded Pass/Fail. Some courses require fees.

**KIN-152H KARATE-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to judo, karate, kickboxing, mixed martial arts, self defense. Courses are graded Pass/Fail. Some courses require fees.

**KIN-152J KICKBOXING-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to judo, karate, kickboxing, mixed martial arts, self defense. Courses are graded Pass/Fail. Some courses require fees.

**KIN-152K KICKBOXING-FITNESS-INTERMEDIATE/ ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to judo, karate, kickboxing, mixed martial arts, self defense. Courses are graded Pass/Fail. Some courses require fees.

**KIN-152M MIXED MARTIAL ARTS-INTERMEDIATE/ ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to judo, karate, kickboxing, mixed martial arts, self defense. Courses are graded Pass/Fail. Some courses require fees.

**KIN-152N SELF DEFENSE-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to judo, karate, kickboxing, mixed martial arts, self defense. Courses are graded Pass/Fail. Some courses require fees.

**KIN-152P TAE KWON DO-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to judo, karate, kickboxing, mixed martial arts, self defense. Courses are graded Pass/Fail. Some courses require fees.

**KIN-160 INDIVIDUAL AND DUAL SPORTS 1.00 Credit**

Archery, badminton, cycling, bowling, tennis, track and field, golf, racquetball, wrestling, gymnastics, conditioning, skiing, backpacking, martial arts, aerobics, weight training, jazzercise, billiards, jogging, stretch/flexibility training. Graded P/F only. Some courses require fees.

**KIN-160A BACKPACKING 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to backpacking, bicycling, camping, climbing, horseback riding, hunter education, skiing, snowboarding, snow shoeing. Courses are graded Pass/Fail. Some courses require fees.

**KIN-160B BICYCLING-ROAD 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to backpacking, bicycling, camping, climbing, horseback riding, hunter education, skiing, snowboarding, snow shoeing. Courses are graded Pass/Fail. Some courses require fees.

**KIN-160C BICYCLING-MOUNTAIN 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to backpacking, bicycling, camping, climbing, horseback riding, hunter education, skiing, snowboarding, snow shoeing. Courses are graded Pass/Fail. Some courses require fees.

**KIN-160D CLIMBING-ROCK 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to backpacking, bicycling, camping, climbing, horseback riding, hunter education, skiing, snowboarding, snow shoeing. Courses are graded Pass/Fail. Some courses require fees.

**KIN-160E CLIMBING-INDOOR 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to backpacking, bicycling, camping, climbing, horseback riding, hunter education, skiing, snowboarding, snow shoeing. Courses are graded Pass/Fail. Some courses require fees.

**KIN-160F HIKING/CAMPING 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to backpacking, bicycling, camping, climbing, horseback riding, hunter education, skiing, snowboarding, snow shoeing. Courses are graded Pass/Fail. Some courses require fees.

**KIN-160G HORSEBACK RIDING 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to backpacking, bicycling, camping, climbing, horseback riding, hunter education, skiing, snowboarding, snow shoeing. Courses are graded Pass/Fail. Some courses require fees.

**KIN-160H HORSE PACKING 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to backpacking, bicycling, camping, climbing, horseback riding, hunter education, skiing, snowboarding, snow shoeing. Courses are graded Pass/Fail. Some courses require fees.

**KIN-160J HUNTER EDUCATION 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to backpacking, bicycling, camping, climbing, horseback riding, hunter education, skiing, snowboarding, snow shoeing. Courses are graded Pass/Fail. Some courses require fees.

**KIN-160K ORIENTEERING 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to backpacking, bicycling, camping, climbing, horseback riding, hunter education, skiing, snowboarding, snow shoeing. Courses are graded Pass/Fail. Some courses require fees.



**KIN-162A BACKPACKING-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to backpacking, bicycling, camping, climbing, horseback riding, hunter education, skiing, snowboarding, snow shoeing. Courses are graded Pass/Fail. Some courses require fees.

**KIN-162B BICYCLING-ROAD-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to backpacking, bicycling, camping, climbing, horseback riding, hunter education, skiing, snowboarding, snow shoeing. Courses are graded Pass/Fail. Some courses require fees.

**KIN-162C BICYCLING-MOUNTAIN-INTERMEDIATE/ ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to backpacking, bicycling, camping, climbing, horseback riding, hunter education, skiing, snowboarding, snow shoeing. Courses are graded Pass/Fail. Some courses require fees.

**KIN-162D CLIMBING-ROCK-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to backpacking, bicycling, camping, climbing, horseback riding, hunter education, skiing, snowboarding, snow shoeing. Courses are graded Pass/Fail. Some courses require fees.

**KIN-162E CLIMBING-INDOOR-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to backpacking, bicycling, camping, climbing, horseback riding, hunter education, skiing, snowboarding, snow shoeing. Courses are graded Pass/Fail. Some courses require fees.

**KIN-162F HIKING/CAMPING-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to backpacking, bicycling, camping, climbing, horseback riding, hunter education, skiing, snowboarding, snow shoeing. Courses are graded Pass/Fail. Some courses require fees.

**KIN-162G HORSEBACK RIDING-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to backpacking, bicycling, camping, climbing, horseback riding, hunter education, skiing, snowboarding, snow shoeing. Courses are graded Pass/Fail. Some courses require fees.

**KIN-162H HORSE PACKING-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to backpacking, bicycling, camping, climbing, horseback riding, hunter education, skiing, snowboarding, snow shoeing. Courses are graded Pass/Fail. Some courses require fees.

**KIN-162J HUNTER EDUCATION-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to backpacking, bicycling, camping, climbing, horseback riding, hunter education, skiing, snowboarding, snow shoeing. Courses are graded Pass/Fail. Some courses require fees.

**KIN-162K ORIENTEERING-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to backpacking, bicycling, camping, climbing, horseback riding, hunter education, skiing, snowboarding, snow shoeing. Courses are graded Pass/Fail. Some courses require fees.

**KIN-162M SKIING-DOWNHILL-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to backpacking, bicycling, camping, climbing, horseback riding, hunter education, skiing, snowboarding, snow shoeing. Courses are graded Pass/Fail. Some courses require fees.

**KIN-162N SKIING-CROSS COUNTRY-INTERMEDIATE/ ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to backpacking, bicycling, camping, climbing, horseback riding, hunter education, skiing, snowboarding, snow shoeing. Courses are graded Pass/Fail. Some courses require fees.

**KIN-162P SNOW BOARDING-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to backpacking, bicycling, camping, climbing, horseback riding, hunter education, skiing, snowboarding, snow shoeing. Courses are graded Pass/Fail. Some courses require fees.

**KIN-162Q SNOW SHOEING-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to backpacking, bicycling, camping, climbing, horseback riding, hunter education, skiing, snowboarding, snow shoeing. Courses are graded Pass/Fail. Some courses require fees.

**KIN-170 DANCE 1.00-2.00 Credits**

Folk, social, square, jazz, modern, country swing, and line dances. Graded P/F only. Some courses require fees.

**KIN-170A BASEBALL 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to baseball, basketball, football, soccer, softball, team handball, ultimate Frisbee, volleyball. Courses are graded Pass/Fail. Some courses require fees.

**KIN-170B BASKETBALL 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to baseball, basketball, football, soccer, softball, team handball, ultimate Frisbee, volleyball. Courses are graded Pass/Fail. Some courses require fees.

**KIN-170C FIELD HOCKEY 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to baseball, basketball, football, soccer, softball, team handball, ultimate Frisbee, volleyball. Courses are graded Pass/Fail. Some courses require fees.







**KIN-172K SOFTBALL-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to baseball, basketball, football, soccer, softball, team handball, ultimate Frisbee, volleyball. Courses are graded Pass/Fail. Some courses require fees.

**KIN-172M SPEEDBALL-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to baseball, basketball, football, soccer, softball, team handball, ultimate Frisbee, volleyball. Courses are graded Pass/Fail. Some courses require fees.

**KIN-172N TEAM HANDBALL-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to baseball, basketball, football, soccer, softball, team handball, ultimate Frisbee, volleyball. Courses are graded Pass/Fail. Some courses require fees.

**KIN-172P ULTIMATE FRISBEE-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to baseball, basketball, football, soccer, softball, team handball, ultimate Frisbee, volleyball. Courses are graded Pass/Fail. Some courses require fees.

**KIN-172Q VOLLEYBALL-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to baseball, basketball, football, soccer, softball, team handball, ultimate Frisbee, volleyball. Courses are graded Pass/Fail. Some courses require fees.

**KIN-172R VOLLEYBALL-SAND-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to baseball, basketball, football, soccer, softball, team handball, ultimate Frisbee, volleyball. Courses are graded Pass/Fail. Some courses require fees.

**KIN-180 AQUATICS 1.00 Credit**

Swimming, sailing, canoeing, rafting, fly and bait casting, sculling, aquatic conditioning, lifesaving, water safety instructor. Graded P/F only. Some courses require fees.

**KIN-180A AEROBICS-AQUA 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-180B AEROBICS-SWIM FITNESS 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-180C AEROBICS-WATER 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-180D AQUATIC CONDITIONING 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-180E CANOEING 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-180F DIVING 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-180G FISHING 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-180H FLY FISHING 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-180J LIFE GUARD CERTIFICATION 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-180K PADDLE AND ROW 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-180M RAFTING 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-180N ROWING 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-180P SAILING 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-180Q SCUBA-PADI OPEN WATER 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-180R SWIM LESSONS 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-180S SYNCHRONIZED SWIMMING 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-180T WATER GAMES 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-180U WATER POLO 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-180V WATER SAFETY INSTRUCTOR CERTIFICATION 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-180W WATERSKIING 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-180X WATER WALKERS 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-181A AEROBICS-AQUA-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.





**KIN-181S SYNCHRONIZED SWIM-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-181T WATER GAMES-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-181U WATER POLO-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-181V WATER SAFETY INSTRUCTOR CERTIFICATION- BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-181W WATERSKIING-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-181X WATER WALKERS-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-182A AEROBICS-AQUA-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-182B AEROBICS-SWIM FITNESS-INTERMEDIATE/ ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-182C AEROBICS-WATER-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-182D AQUATIC CONDITIONING-INTERMEDIATE/ ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-182E CANOEING-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-182F DIVING-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-182G FISHING-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-182H FLY FISHING-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-182J LIFE GUARD CERTIFICATION-INTERMEDIATE/ ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-182K PADDLE AND ROW-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-182M RAFTING-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-182N ROWING-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-182P SAILING-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-182Q SCUBA-PADI OPEN WATER-INTERMEDIATE/ ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-182R SWIMMING LESSONS-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-182S SYNCHRONIZED SWIMMING-INTERMEDIATE/ ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-182T WATER GAMES-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-182U WATER POLO-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-182V WATER SAFETY INSTRUCTOR CERTIFICATION- INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-182W WATERSKIING-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-182X WATER WALKERS-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-189 GARDENING FOR WELLNESS 1.00 Credit**

Wellness is an active, lifelong process of becoming aware of choices and making decisions toward a more balanced and fulfilling life. Wellness is centered on connections and the idea that the mind, body, spirit, and community are all interrelated and interdependent. The primary purpose of this class is to practice and explore gardening as a lifelong wellness activity. The secondary purpose is to participate in campus and community gardens, using gardening time and projects to enhance these gardens for educational purposes.

**KIN-190 DIRECTED STUDY IN KINESIOLOGY 1.00-12.00 Credits****KIN-192 SPECIAL TOPICS IN KINESIOLOGY 1.00-12.00 Credits**

Selected topics of current interest related to coaching, sport administration, fitness and wellness.

**KIN-215 WEIGHT MANAGEMENT 1.00 Credit**

Weight management is complex and involves a variety of lifestyle changes. This course is designed to give students the practical skills and tools needed to avoid common roadblocks and obstacles encountered in weight management. Using evidence based approaches to weight management, this course will encompass a variety of interdisciplinary topics, including nutrition, physical activity, behavior change, goal setting, stress management, improved sleep, genetics, culture, environment, and community-based opportunities.

**KIN-216 PHYSICAL EDUCATION FOR THE ELEMENTARY TEACHER 2.00 Credits**

Designed to aid the classroom teacher in developing and implementing physical education programs in elementary and middle schools. Cross-listed with ED-216.

**KIN-220 SOCIAL-CULTURAL ASPECTS OF SPORTS 3.00 Credits**

Investigation and discussion of the interrelationship among sports, culture and society. Broad overview of selected socio-cultural factors influencing and affected by sport. Introduction to the academic discipline of Sociology of Sport.

**KIN-221 HISTORY OF SPORT 3.00 Credits**

This course is designed to explore sport and its place in history. Additionally, the intersection of sport with race, ethnicity, sex, gender, class, labor, capital, politics, patriotism, and national identity will be explored.

**KIN-241 SPORTS OFFICIATING 2.00 Credits**

General mechanics of game administration and officiating football, basketball, softball, baseball, volleyball and/or soccer. Following study of rules and sport specific techniques, the student will practice by officiating games.

**KIN-248 SPORTS MEDICINE 3.00 Credits**

Laboratory and classroom experience related to the cause, prevention, rehabilitation and care of sports injuries. General principles of injury prevention and safety will be covered. This class is designed for coaches, teachers and those interested in sports medicine. Fee required.

**KIN-260 INTRODUCTION TO KINESIOLOGY AND HEALTH 1.00 Credit**

An introductory course for students interested in careers in sport administration, coaching, exercise science, personal training, corporate fitness and wellness, recreation, and physical education teaching. An overview of careers, professional literature and organizations, current issues, philosophy, and history.

**KIN-261 SKILL AND ANALYSIS: COURT SPORTS 1.00 Credit**

This course is designed for the personal improvement in the skill and knowledge necessary to teach and participate in Court Sports such as: pickleball, badminton, tennis, basketball, volleyball, etc. This will occur through a survey of applications and techniques of the sports as well as classroom management practices. Students will also establish competence in safety considerations and appropriate teaching progressions. This class will prepare students to teach Court Sports in a sequential and developmental manner. Material can be applied to schools, recreation programs and coaching.

**KIN-262 SKILL AND ANALYSIS: FIELD SPORTS 1.00 Credit**

This course is designed for the personal improvement in the skill and knowledge necessary to teach and participate in Field Sports such as: softball, Ultimate Frisbee, soccer, flag football, etc. This will occur through a survey of applications and techniques of the sports as well as classroom management practices. Students will also establish competence in safety considerations and appropriate teaching progressions. This class will prepare students to teach Field Sports in a sequential and developmental manner. Material can be applied to schools, recreation programs and coaching.

**KIN-267 SKILL/ANALYSIS: STRENGTH DEVELOPMENT 1.00 Credit**

This course is designed to give the student a working knowledge of strength development and its many benefits. Class time will be devoted to learning proper techniques, program design, and the many variations in training. The skills and knowledge gained in this class will prepare each student to work with a variety of clients in developing muscle endurance and strength for enhanced health and performance.

**KIN-268 SKILL AND ANALYSIS: CORE AND FLEXIBILITY 1.00 Credit**

This course is designed to give students interested in personal training, strength and conditioning coaches and other fitness professionals the working knowledge needed to provide safe, effective and appropriate core and flexibility programs. The course will teach students to recognize dysfunctional movement patterns and identify weak or tight muscles of the core, the central region of the human body, consisting of musculoskeletal structures from the abdomen, the spine, the pelvis and the hips (Kibler et al. 2006). With this knowledge students will learn how to design a core training program based on the individual goals, needs and fitness levels of clients. The course will also introduce stretching methodology and evidence-based program designs. Numerous flexibility exercises that can be used to develop safe, effective stretching programs that address increased flexibility, enhanced athletic performance and the reduction of injuries will be covered. This course is essential for strength and conditioning coaches, personal trainers, group fitness instructors or rehabilitation professionals.

**KIN-269 SKILL AND ANALYSIS: EDUCATIONAL GYM&MOV 1.00 Credit**

This course is designed for the personal improvement in the skill of in Educational Gymnastics (EG) and Movement Forms (MF) through a survey of applications and techniques of the activities as well as classroom management practices. This class will prepare students to teach EG and MF in a sequential and developmental manner. Material can be applied to schools, recreation programs and coaching.

**KIN-272 FITNESS AND WELLNESS 3.00 Credits**

Provides students with skills and knowledge to practice health-enhancing behaviors and reduce health risks to themselves and others. Focuses on holistic health, exercise, nutrition, substance use and abuse, stress management, posture, care of the back and neck, prevention of cancer and sexually transmitted diseases. Students will use goal-setting and decision-making skills that enhance health. Lecture and participation in physical activity. Cross-listed with HLTH-272.

**KIN-290 DIRECTED STUDY IN KINESIOLOGY 1.00-12.00 Credits****KIN-291 WORKSHOP IN KINESIOLOGY 1.00-12.00 Credits**

Workshops in Kinesiology, Physical Education, Athletics, Sports Medicine, and/or Health Promotion.

**KIN-292 SPECIAL TOPICS IN KINESIOLOGY 1.00-12.00 Credits**

Selected topics of current interest related to coaching, sport administration, fitness and wellness.

**KIN-295 PRACTICUM IN KINESIOLOGY 1.00-12.00 Credits****KIN-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits**

Graded P/F only.

**KIN-340 ADVANCED COACHING THEORY 2.00 Credits**

This course is designed to provide students with the knowledge and skills needed for success in the coaching profession. In addition, students will understand how to use their skill set in a practical and applied manner. Topics to be covered include, but are not limited to, building a coaching philosophy, recruiting practices and principles, camp design and facilitation, and understanding and implementing the NASPE National Coaching Standards. Students who complete this course will also complete the National Federation of State High School Associations (NFHS) fundamentals of Coaching Certification.

**KIN-341 TECHNIQUES AND METHODS OF COACHING BASKETBALL 2.00 Credits**

Examines skill development, coaching techniques, offensive and defensive styles of play, game strategies, conditioning techniques, and care and selection of equipment. Reviews current research and issues.

**KIN-342 TECHNIQUES AND METHODS OF COACHING BASEBALL 2.00 Credits**

Examines skill development, coaching techniques, offensive and defensive styles of play, game strategies, conditioning techniques, and care and selection of equipment. Applications made to the coaching of softball. Reviews current research and issues.

**KIN-343 TECHNIQUES AND METHODS OF COACHING TRACK AND FIELD 2.00 Credits**

Examines skill development, coaching techniques, offensive and defensive styles of play, game strategies, conditioning techniques, and care and selection of equipment. Reviews current research and issues.

**KIN-344 TECHNIQUES AND METHODS OF COACHING FOOTBALL 2.00 Credits**

Examines skill development, coaching techniques, offensive and defensive styles of play, game strategies, conditioning techniques, and care and selection of equipment. Reviews current research and issues.

**KIN-345 TECHNIQUES AND METHODS OF COACHING VOLLEYBALL 2.00 Credits**

Examines skill development, coaching techniques, offensive and defensive styles of play, game strategies, conditioning techniques, and care and selection of equipment. Reviews current research and issues.

**KIN-346 TECHNIQUES AND METHODS OF COACHING SOCCER 2.00 Credits**

Examines skill development, coaching techniques, offensive and defensive styles of play, game strategies, conditioning techniques, and care and selection of equipment. Reviews current research and issues.

**KIN-347 TECHNIQUES AND METHODS OF COACHING TENNIS AND GOLF 2.00 Credits**

Examines skill development, coaching techniques, offensive and defensive styles of play, game strategies, conditioning techniques, and care and selection of equipment. Reviews current research and issues.

**KIN-349 TECHNIQUES AND METHODS OF COACHING WRESTLING 2.00 Credits**

Examines skill development, coaching techniques, offensive and defensive styles of play, game strategies, conditioning techniques, and care and selection of equipment. Reviews current research and issues.

**KIN-352 YOUTH SPORTS AND RECREATION 3.00 Credits**

Methods, materials and practice in performing, teaching and coaching K-8 age appropriate physical activity. Includes assessment techniques, curriculum design and organizational procedures for teacher education students. Pre-requisite: Sophomore standing. Fee required.

**KIN-355 STRATEGIES FOR TEACHING PHYSICAL ACTIVITIES 3.00 Credits**

Designed to prepare students who will teach or coach sports and physical activity to adolescents and adults in schools as well as in private and public recreation programs. Focuses on lesson design, best teaching/coaching practices, program planning, organization and administration. Includes participation and skill analysis in a variety of activities. Fee required.

**KIN-361 BIOMECHANICS LABORATORY 1.00 Credit**

Laboratory component of the biomechanics course. Emphasis will be placed on the application of concepts learned in lecture to rehabilitation and sport situations. This will occur through hands-on activities and experiments involving contemporary forms of biomechanical instrumentation. Pre-requisite/co-requisite: KIN-363.



**KIN-362 BIOMECHANICS 3.00 Credits**

The anatomical and mechanical analysis of the body in motion. Pre-requisite: BIOL-175 or BIOL-227 and Math Level C or higher. Core math ready (excluding 153P and 123P) or core math complete. See Course Placement Chart for equivalent courses and test scores.

**KIN-363 PHYSIOLOGY OF EXERCISE 3.00 Credits**

The study of how the human body adapts physiologically to the acute stress of exercise or physical activity, and the chronic stress of physical training. Fee required. Recommended pre-requisite: KIN-272/HLTH-272 and/or BIOL-175 or BIOL-252.

**KIN-364 EXERCISE PHYSIOLOGY LABORATORY 1.00 Credit**

The application of physiological principles toward understanding the physiological adjustments that occur to maintain homeostasis in the exercising human. Pre-requisite/co-requisite: KIN-362.

**KIN-365 CLINICAL EXERCISE PHYSIOLOGY & PRESCRIPTION 3.00 Credits**

This course provides the foundational understanding of the pathophysiological processes of various common chronic conditions. Emphasis will be placed on the acute and chronic responses to exercise in patients at risk for or having cardiac, pulmonary, metabolic and other diseases. Pre-requisite: KIN-363.

**KIN-370 MOTOR LEARNING/MOTOR DEVELOPMENT 3.00 Credits**

Provides the teacher, coach, or self-instructing athlete with a comprehensive understanding of the developmental (physical, psychological, and social) processes involved in the learning of sport skills. Explores useful training ideas for all types of performers (beginners-advanced, young-old, male-female) in all types of sports and wellness professionals.

**KIN-381 TESTS AND MEASUREMENTS IN PHYSICAL EDUCATION 3.00 Credits**

The study of basic statistical methods and research design as applied in Kinesiology. Pre-requisite: A grade of 'C' or better in MATH-025 or appropriate placement score.

**KIN-390 DIRECTED STUDY IN KINESIOLOGY 1.00-12.00 Credits****KIN-391 WORKSHOP IN KINESIOLOGY 1.00-12.00 Credits****KIN-392 SPECIAL TOPICS IN KINESIOLOGY 1.00-12.00 Credits****KIN-395 PRACTICUM IN KINESIOLOGY 1.00-12.00 Credits****KIN-399 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits**

Graded P/F only.

**KIN-410 SPORTS PSYCHOLOGY 3.00 Credits**

Application of the principles and methodologies of psychology to athletics. Topics include individual philosophies of sport, motivation, personality of coaches and athletes, recreational sports for children, psychological testing, training and learning principles, mind/body relationships, and the effects of anxiety, arousal, and relaxation on performance and current research in the field. Pre-requisite: PSYC-101 or PSYC-205 or permission of instructor and Sophomore Standing. Cross-listed with PSYC-410.

**KIN-411 EXERCISE PSYCHOLOGY 3.00 Credits**

The application of the principles and methodologies of psychology to physical activity and sedentary behavior. Pre-requisite: PSYC-101 or permission from the instructor.

**KIN-421 PHILOSOPHY OF SPORT 3.00 Credits**

This course is designed to introduce students to philosophical concepts and their application to sport.

**KIN-425 ETHICAL DECISION-MAKING SPORT LEADERS 3.00 Credits**

The study of moral reasoning, rationality, and reflection on ethical dilemmas in sport using nonfiction short stories, documentary video, and movies. Pre-requisite: A grade of 'C' or better in ENGL-101 or appropriate placement score and Junior standing.

**KIN-433 BALANCE AND MOBILITY 3.00 Credits**

The course is designed for students interested in helping individuals especially senior citizens protect themselves from injury-causing falls. The course content will focus on the aging process, postural strategies, gait patterns, multi-sensory training, strength/flexibility activities, and balance/mobility assessments and strategies. Students will learn how to administer screenings and assessments, develop health plans, design lessons/activities and teach classes. Pre-requisite: Sophomore standing.

**KIN-434 EXERCISE PRESCRIPTION 3.00 Credits**

Students will learn to evaluate and write exercise programs for a variety of fitness parameters including oxygen utilization, body composition, flexibility, muscular endurance, muscular strength, aerobic capacity. Pre-requisite: KIN-272 and KIN-381.

**KIN-435 AGING AND PHYSICAL ACTIVITY 3.00 Credits**

This course is designed to provide students an understanding of the aging process particularly in relation to aspects of health and wellness. Intergenerational service learning, consisting of structured, planned activities involving meaningful interaction between students and older adults will serve as the foundation of the course format.

**KIN-436 PERSONAL/GROUP TRAINING CERT PREP 3.00 Credits**

The purpose of this course is to give students the knowledge, skills and abilities needed to prepare and help pass widely recognized certified personal training (CPT) exams and group fitness (GFI) exams. The course will also provide necessary up-to-date content for individuals striving to stay informed amid ongoing advances in exercise and fitness research.

**KIN-467 PHYSICAL ACTIVITY AND RECREATION FOR INDIVIDUALS WITH SPECIAL NEEDS 3.00 Credits**

Study of the categories of exceptionality. Socio-cultural dimensions of learning and teaching are examined. Strategies for teaching and assisting individuals with special needs and a wide variety of abilities in sport and physical activity. Includes field experiences with Special Olympics, physical and occupational therapists, and adapted physical educators in schools. Cross-listed with SE-467.

**KIN-472 OUTDOOR EDUCATION 3.00 Credits**

Study and practice of outdoor leadership skills, expedition planning, environmental ethics. Students will learn a variety of outdoor skills including backpacking, cross-country skiing, fly and bait casting, orienteering rock climbing and biking. Field trips will be required. Cross-listed with RC-472.

**KIN-484 COMMUNITY RELATIONS IN SPORT 3.00 Credits**

This course is designed to introduce students to areas of community relations in sport, including, but not limited to public relations campaigns, the relationship between sport organizations and media, and effective communication strategies with the media and other stakeholders.

**KIN-485 SPORT LAW 3.00 Credits**

This course is designed to introduce students to common legal concepts and to explore legal cases which have an impact on the business and culture of sport.

**KIN-486 ORGANIZATION AND ADMINISTRATION OF HEALTH, PHYSICAL EDUCATION, RECREATION, ATHLETICS 3.00 Credits**

Designed for administration in athletics, schools, recreation, private sector fitness/wellness programs. Students will explore legal issues, economics, finance and governance in sports while developing skills in computing, budgeting, marketing, fundraising, event management, program planning, scheduling, facility and personnel management. Pre-requisite: Sophomore Standing.

**KIN-487 SPORT ADMINISTRATION 3.00 Credits**

This senior level class will explore various topics specific to the administration of sport and recreation including marketing, legal aspects, finance and economics. Application of information exchanged in this class is an integral component of this course. Pre-requisite: Junior Standing.

**KIN-488 SPORT FACILITIES AND EVENT MANAGEMENT 3.00 Credits**

Study and practice of how to construct and manage a sport facility. Students will learn the planning and implementation process of constructing a new sport facility. Students will also learn sport facility management skills including the basics of facility management, marketing and sales in relation to the sport facility, finance and budgeting, facility preparation, implanting a security plan, concession management, and box office management. Pre-requisite: Sophomore standing.

**KIN-489 SPORT MARKETING AND ADVERTISING 3.00 Credits**

This course is designed to connect the application of marketing principles to practice through an in-depth examination of theory, research, and current issues in the marketing of sport products, sporting events, sport facilities, sport teams, and sport programs. Students will explore the marketing mix as it relates to the consumer decision-making process through the development of an advertising campaign. Concepts covered include the marketing mix, types of sport consumers, event marketing concepts, advertising, social media and internet advertising methods. Pre-requisite: Junior class standing.

**KIN-490 DIRECTED STUDY IN KINESIOLOGY 1.00-12.00 Credits****KIN-491 WORKSHOP IN KINESIOLOGY 1.00-12.00 Credits**

Workshops in Kinesiology, Physical Education, Athletics, Sports Medicine, and/or Health Promotion.

**KIN-492 SPECIAL TOPICS IN KINESIOLOGY 1.00-12.00 Credits**

Selected topics of current interest related to coaching, sport administration, fitness and wellness.

**KIN-494 INTERNSHIP IN KINESIOLOGY 1.00-12.00 Credits**

Application of advanced coursework, skills and knowledge to a supervised, practical experience in Kinesiology, Sports Administration, Coaching, Physical Education, Sports Medicine, Physical/Occupational Therapy, Fitness and Wellness. Pre-requisite: Instructor's permission.

**KIN-495 PRACTICUM IN KINESIOLOGY 1.00-12.00 Credits****KIN-498 SENIOR RESEARCH PROJECT I 3.00 Credits**

Required of all Senior Kinesiology Majors. This course is designed to be followed by KIN 499 Senior Research/Project II. Students are introduced to basic research methods and current topics in their field of study. Students select a topic and prepare a detailed written review of the related literature and description of the study/project design. Pre-requisite: KIN-381 or any Statistics Course and completed 90+ credits.

**KIN-499 RESEARCH PROJECT/SEMINAR II 3.00 Credits**

This course is required of all Senior Kinesiology majors. This course is designed to follow KIN 498 Senior Research/Project I. Students will apply basic research concepts and processes to implement, analyze, and evaluate the research study or project they completed in KIN-498. Students communicate findings in writing and a public presentation during the campus wide spring senior symposium. This course is writing intensive. Pre-requisite: KIN-498.

**KIN-510 APPLIED SPORT PSYCHOLOGY 3.00 Credits**

The primary goal of the course is to develop and enhance students' knowledge of concepts and techniques of performance psychology and their application to achieving important objectives in sport. The course and textbooks combine theory and research with the practical knowledge and methods of expert performance psychology consultants. Principles and practical applications are presented conjunctively throughout the course. Class time will be dedicated to understanding and applying the various aspects of sport psychology, including psychological skills training. Acceptance into Graduate Sport Coaching Certificate Program required.

**KIN-520 COACHING COMPETITIVE ETHICS 3.00 Credits**

The purpose of this course is to enable the student to understand and apply ethical values as a practitioner (coach) in the realm of competitive sport. Acceptance into Graduate Sport Coaching Certificate Program required.

**KIN-563 APPLIED SPORT PHYSIOLOGY 3.00 Credits**

The primary goal of this course is to provide students with an overview of important physiological concepts and their application to achieving important objectives in sport. Students will explore physiology topics in the neuromuscular, endocrine, metabolic, and cardiovascular systems. The practical application of these topics will be examined through principles of training including endurance, power, strength, and program development. Class time will be dedicated to understanding and applying the various aspects of sport physiology to enable students to competently train athletes in their future careers. Acceptance into Graduate Sport Coaching Certificate Program required.

**KIN-594 SPORT COACHING INTERNSHIP 6.00 Credits**

The purpose of this course is to engage in and enhance sport coaching skill and proficiency working with an age group and competitive level of your choice. Acceptance into Graduate Sport Coaching Certificate Program required.

**NS-100 INTRODUCTION TO ENVIRONMENTAL SCIENCE 4.00 Credits**

An introductory course for non-science majors. This course will cover the vast interdisciplinary subject of environmental science, which uses ecological principles to address a broad range of topics from conservation of single species to global issues such as global warming and climate change. These issues involve a complex array of information and applications from Ecology, environmental policy, politics, Geology, and Geography. Three hours of lecture and one 3-hour laboratory period per week. Pre-requisite: MATH-015 or satisfactory math placement.

**NS-140 INTEGRATED SCIENCE I 4.00 Credits**

This team-taught, place-based, course is designed to provide an introduction to multiple scientific disciplines, including biology, chemistry, computer science, earth science, mathematics, and physics around the theme of the greater Lewiston-Clarkston valley watershed. Course content is integrated in order to allow the students the opportunity to use multiple scientific disciplines to understand the world in which they live. Weekly laboratories will be used to provide students with hands-on learning experiences that directly related to the topics covered in lecture and may include field experiences. The course will include emphases on college reading, college writing, collaboration, and using math to solve real-world problems. This is a 4-credit class with 3 hours of lecture a week and approximately 3 hours of laboratory each week. Pre-requisite: Placement into MATH-143P or equivalent or permission of the instructor. Must be concurrently enrolled into MATH-143 or permission of instructor.

**NS-150 INTRODUCTION TO NATURAL SCIENCES 3.00 Credits**

An introduction to science as a way of knowing. Examples are chosen from astronomy, genetics, genetic engineering, evolution and other timely topics. Pre-requisite: ENGL-101.

**NS-171 INTEGRATED SCIENCE I 3.00 Credits**

First of a two-semester sequence designed for the LCSC pre-service teachers to teach science in the elementary grades. NS-171 provides a college-level understanding of the scientific knowledge base for the physical sciences taught in grades K-8 in most states. Pre-requisite: A grade of 'C' or better in MATH-137 or satisfactory math placement.

**NS-172 INTEGRATED SCIENCE II 3.00 Credits**

Second of a two-semester sequence. NS-172 provides a college-level understanding of the scientific knowledge base for the life and earth sciences taught in grades K-8 in most states. Pre-requisite: A grade of 'C' or better in NS-171.

**NS-173 INTEGRATED SCIENCE I RECITATION 1.00 Credit**

Students will have the opportunity to practice solving problems relating to fundamental physical scientific concepts in order to prepare themselves to teach science in the elementary grades with competence. The opportunity to become more familiar with scientific terminology will also be given.

**NS-174 NATURAL SCIENCE FOR ELEMENTARY EDUCATOR 4.00 Credits**

This course is an introduction to biology and earth science for future elementary educators. To this end, we will cover the natural science topics specified by the Idaho State Standards for grade K through 8. These include cells, genetics, human biology, planets, weather, and basic geology, as well as science methodology. Throughout the semester, we will also explore ways of learning that foster deep learning, conceptual understanding, curiosity, and confidence.

**NS-190 DIRECTED STUDY IN NATURAL SCIENCE 1.00-12.00 Credits****NS-192 SPECIAL TOPICS IN NATURAL SCIENCE 1.00-12.00 Credits****NS-265 SCIENCE SUCCESS SEMINAR 1.00 Credit**

In this course, students will explore their motivation and meaning, learn strategies to study effectively in science, and develop a network to support their success. Students at all levels are welcome.

**NS-270 SCIENCE OUTREACH 1.00 Credit**

A course where students will learn about and participate in science outreach, involving visits to local elementary and secondary schools as well as those conducted on the LCSC campus. Students will assist others (both faculty and students in NS 470) in the presentation of outreach programs and will gain valuable skills in both outreach preparation and interpersonal communication.

**NS-275 FIELD EXPERIENCES IN SCIENCE 2.00 Credits**

A field-based experience integrating a variety of disciplines including, but not limited to, field biology, earth science, environmental chemistry, astronomy, and cultural history. No pre-requisites required.



**NS-290 DIRECTED STUDY IN NATURAL SCIENCE 1.00-12.00 Credits****NS-291 WORKSHOP IN NATURAL SCIENCE 1.00-12.00 Credits****NS-292 SPECIAL TOPICS IN NATURAL SCIENCE 1.00-12.00 Credits****NS-295 PRACTICUM IN NATURAL SCIENCE 1.00-12.00 Credits****NS-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****NS-380 SENIOR SEMINAR 1.00 Credit**

Reading and research involving primary literature in the student's field of study. Topic-driven research will result in written and oral presentations.

**NS-390 DIRECTED STUDY IN NATURAL SCIENCE 1.00-12.00 Credits****NS-395 PRACTICUM IN NATURAL SCIENCE 1.00-12.00 Credits****NS-398 SENIOR PROJECT PROPOSAL 2.00 Credits**

Preparation of the proposal for Senior Research projects to be completed in NS 499. Students will become familiar with the procedure by which proposals are prepared and submitted to funding agencies like the National Science Foundation (NSF). The format of the proposal is based on NSF proposal requests. The course will ensure that the research projects are well conceived, carefully planned, and have a reasonable chance of succeeding. All senior-research proposals are reviewed by a board of Natural Science faculty members. Proposals may be accepted, accepted with revisions, or returned for major revisions with a request for resubmission during the next semester's review. Pre-requisite: Junior standing.

**NS-399 RESEARCH ASSISTANTSHIP 1.00-3.00 Credits****NS-465 TUTORING IN NATURAL SCIENCE 3.00 Credits**

In this course, students will learn various tutoring skills accepted by the National Tutoring Association (NTA) as they work toward earning Basic Level Tutor Certification through the NTA. Students will learn to tutor and improve their tutoring through practice and working directly with tutees. Students will develop essential job skills, such as communication, teamwork, critical thinking, problem-solving, creativity, organization, and accountability.

**NS-470 SCIENCE OUTREACH 1.00 Credit**

A course where students will learn about and participate in science outreach, involving visits to local elementary and secondary schools as well as those conducted on the LCSC campus. Students will also be responsible for designing and implementing the program in the classroom setting, and will participate in peer assessment of other students' presentations, gaining valuable skills in outreach preparation and both interpersonal and large group communication. Pre-requisites: A grade of 'C' or higher in BIOL-181 or CHEM-112 & NS-270.

**NS-475 FIELD EXPERIENCE 2.00 Credits**

A field-based experience integrating a variety of disciplines including, but not limited to, field biology, earth science, environmental chemistry, astronomy, and cultural history. Requires written and/or oral presentations as a part of the field experience. No pre-requisites required.

**NS-490 DIRECTED STUDY IN NATURAL SCIENCE 1.00-12.00 Credits****NS-491 WORKSHOP IN NATURAL SCIENCE 1.00-12.00 Credits****NS-492 SPECIAL TOPICS IN NATURAL SCIENCE 1.00-12.00 Credits****NS-494 INTERNSHIP IN NATURAL SCIENCE 1.00-12.00 Credits****NS-495 PRACTICUM IN NATURAL SCIENCE 1.00-12.00 Credits****NS-499 RESEARCH PROJECT AND SEMINAR IN NATURAL SCIENCE 1.00-3.00 Credits**

Students will conduct and communicate the results of a research project in the Natural Sciences Division. Topics may include the historical, philosophical, cultural and environmental aspects, and the processes of natural science. Requirements of students include satisfactory oral presentation and defense of their research and submission of a written report approved by their advisor to the Natural Sciences Division. Pre-requisite: NS-398.

**PHYS-108 GENERAL PHYSICS WITH RADIATION 4.00 Credits**

Classical mechanics, electricity and magnetism, circuits, atomic structure, radiation health physics, and X-ray production. This course introduces topics in physics essential to the field of radiation science and technology. There are three hours of lecture and one 2-hour laboratory per week. Emphasis will be placed on problem-solving. Pre-requisites: MATH-137, MATH-143 and MATH-144, or MATH-147.

**PHYS-111 GENERAL PHYSICS I 4.00 Credits**

Mechanics, heat and thermodynamics. General Physics I is a study of the fundamental principles of classical physics. An emphasis is placed upon analytic problem solving using algebra and elementary trigonometry, and laboratory skills. There are three hours of lecture and one 3-hour laboratory per week. Pre-requisite: A grade of 'C' or better in MATH-144 or MATH-147 or satisfactory math placement.

**PHYS-112 GENERAL PHYSICS II 4.00 Credits**

Electricity and magnetism, optics, modern physics. General Physics II is the sequel to General Physics I. Course covers the fundamental principles of electricity, magnetism, and light. There are three hours of lecture and one 3-hour laboratory per week. Pre-requisite: A grade of 'C' or better in PHYS-111.

**PHYS-171 PHYS SCIENCES FOR ELEMENTARY EDUCATORS 4.00 Credits**

This course is an introduction to chemistry and physics for future elementary educators. To this end, we will cover the physical science topics specified by Idaho State Standards for grades K through 8. These include measurement, forces, energy, electricity and mixtures and solutions, and science methodology. Throughout the semester, we will also explore ways of teaching that foster deep learning, conceptual understanding, curiosity and confidence-building. Pre-requisite: Level C or higher. Core math ready (excluding 153P and 123P) or core math complete. See Course Placement Chart for equivalent courses and test scores.

**PHYS-190 DIRECTED STUDY IN PHYSICS 1.00-12.00 Credits****PHYS-192 SPECIAL TOPICS IN PHYSICS 1.00-12.00 Credits****PHYS-205 DESCRIPTIVE ASTRONOMY 4.00 Credits**

A survey of descriptive astronomy. Topics: historical development of theories of the universe, physical organization of the solar system/universe; the formation and evolution of stars, galaxies, recently discovered astronomical objects such as quasistellar objects and black holes; evolution of the universe. Three hours of lecture and one 3-hour laboratory per week. Pre-requisite: Level C or higher. Core math ready (excluding 153P and 123P) or core math complete. See Course Placement Chart for equivalent courses and test scores.

**PHYS-211 PHYSICS FOR SCIENTISTS AND ENGINEERS I 5.00 Credits**

Mechanics, heat and thermodynamics. Engineering Physics I is the standard, calculus based university physics course. Fundamental principles of physics are examined using analytic problem-solving and laboratory exploration. There are four hours of lecture and one 3-hour laboratory per week. Requisite: MATH-170 must be taken either as a prerequisite or concurrently.

**PHYS-212 PHYSICS FOR SCIENTISTS AND ENGINEERS II 5.00 Credits**

Electricity and magnetism, optics, modern physics. Engineering Physics II is the sequel to Engineering Physics I. Principles of electrodynamics theory, elements of optics, and modern physics are examined using analytic problem solving and laboratory exploration. There are four hours of lecture and one, three-hour laboratory per week. Pre-requisite PHYS-211 with a grade of C or better.

**PHYS-290 DIRECTED STUDY IN PHYSICS 1.00-4.00 Credits****PHYS-291 WORKSHOP IN PHYSICS 1.00-4.00 Credits****PHYS-292 SPECIAL TOPICS IN PHYSICS 1.00-12.00 Credits****PHYS-293 SERVICE LEARNING 1.00-12.00 Credits****PHYS-295 PRACTICUM IN PHYSICS 1.00-12.00 Credits****PHYS-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****PHYS-305 AN INTRODUCTION TO MODERN PHYSICS 3.00 Credits**

An introduction to the non-classical physics of the 20th century. Selected topics include the historical development that lead to modern physics, the transitional Bohr model, descriptive elements of quantum mechanics, special relativity, nuclear physics, and elementary particles. Three hours of lecture per week. Pre-requisite: A grade of 'C' or better in PHYS-111 or PHYS-211.

**PHYS-390 DIRECTED STUDY IN PHYSICS 1.00-4.00 Credits****PHYS-395 PRACTICUM IN PHYSICS 1.00-12.00 Credits****PHYS-399 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****PHYS-490 DIRECTED STUDY IN PHYSICS 1.00-4.00 Credits****PHYS-491 WORKSHOP IN PHYSICS 1.00-4.00 Credits****PHYS-492 SPECIAL TOPICS IN PHYSICS 1.00-12.00 Credits****PHYS-495 PRACTICUM IN PHYSICS 1.00-12.00 Credits****RC-227 RECREATIONAL ARTS AND CRAFTS 3.00 Credits**

Designed to meet the needs of the prospective recreational leader and all individuals who work with young people in developing a wide range of art and craft skills. Emphasis is on performance.

**RC-239 RECREATIONAL LEADERSHIP 3.00 Credits**

The development of leadership qualities and techniques in a wide variety of recreational activities within a framework of a recreation or physical education program.

**RC-285 CAMP COUNSELING 3.00 Credits**

Understanding campers, camp programs and staff responsibilities. Examination of philosophies of private, organizational and school camps. Prepares students for employment in summer camping positions. Appropriate for all individuals involved in working with groups of all age levels. Camping trips will be required.

**RC-290 DIRECTED STUDY IN RECREATION 1.00-6.00 Credits****RC-291 WORKSHOP IN RECREATION 1.00-6.00 Credits****RC-292 SPECIAL TOPICS IN RECREATION 1.00-3.00 Credits****RC-295 PRACTICUM IN RECREATION 1.00-12.00 Credits****RC-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits**

Graded P/F only.

**RC-387 LEISURE PROGRAMS 1.00-3.00 Credits**

The development, promotion, organization and administration of leisure activities. Practical experience in a leisure program in Recreation 1-3 credits Supervised experience in public and/or private recreational programs, 295/495. Pre-requisite: Permission of the instructor.

**RC-472 OUTDOOR EDUCATION 3.00 Credits**

Study and practice of outdoor leadership skills, expedition planning, environmental ethics. Students will learn a variety of outdoor skills including backpacking, cross-country skiing, fly and bait casting, orienteering rock climbing and biking. Field trips will be required. Cross-listed with KIN-472.

**RC-490 DIRECTED STUDY IN RECREATION 1.00-12.00 Credits****RC-491 WORKSHOP IN RECREATION 1.00-12.00 Credits****RC-492 SPECIAL TOPICS IN RECREATION 1.00-3.00 Credits****RC-494 INTERNSHIP IN RECREATION 1.00-12.00 Credits**

Application of advanced coursework, skills and knowledge to a supervised, practical experience in Kinesiology, Sports Administration, Coaching, Physical Education, Sports Medicine, Physical/Occupational Therapy, Fitness and Wellness. Pre-requisite: Instructor's permission.

**RC-495 PRACTICUM IN RECREATION 1.00-12.00 Credits**

## Academic Certificates

Students may earn an academic certificate while pursuing an Associate or Baccalaureate degree at LCSC. The academic certificate will be awarded upon completion of the earned degree. If degree requirements are not met, the student will not earn an academic certificate. Federal financial aid is not available for students seeking a stand-alone academic certificate.

Non-degree-seeking students may opt to complete an academic certificate as a stand-alone credential if they have completed the required course pre-requisites. Federal financial aid is not available for students seeking a stand-alone academic certificate.

## Fitness Certificate

Designed for students and health and fitness professionals, the Fitness Academic Certificate provides individuals with the knowledge and skills needed to assist clients who wish to engage in physical activity and embrace a lifestyle of health and wellness.

## Program Requirements

Code	Title	Credits
<b>Program Electives</b>		
HLTH-453	HEALTH PROMOTION	3.00
HLTH-454	WELLNESS COACHING	2.00
KIN-267	SKILL/ANALYSIS: STRENGTH DEVELOPMENT	1.00
KIN-268	SKILL AND ANALYSIS: CORE AND FLEXIBILITY	1.00
KIN-434	EXERCISE PRESCRIPTION	3.00
KIN-436	PERSONAL/GROUP TRAINING CERT PREP	3.00
<b>Total Credits</b>		<b>13.00</b>

## Movement Psychology Certificate

Designed for students, health and fitness professionals, and sport coaches, the Movement Psychology Academic Certificate provides individuals with the knowledge and skills needed to assist individuals engaging in physical activity and/or sport with mental performance enhancement.

## Program Requirements

Code	Title	Credits
<b>Program Electives</b>		
HLTH-248	BEHAVIOR CHANGE	1.00
HLTH-354	ADDICTION AND PERFORMANCE	2.00

HLTH-454	WELLNESS COACHING	2.00
KIN-410	SPORTS PSYCHOLOGY	3.00
KIN-411	EXERCISE PSYCHOLOGY	3.00
PSYC-226	BIOLOGICAL BASES OF BEHAVIOR	3.00
<b>Total Credits</b>		<b>14.00</b>

## Sport Marketing Certificate

Designed for students and business professionals who are engaged in the dynamic field of marketing, the Sport Marketing Academic Certificate prepares individuals with the knowledge and skills needed to successfully engage in the marketing of sport goods and services.

### Program Requirements

Code	Title	Credits
<b>Program Electives</b>		
BUS-321	PRINCIPLES OF MARKETING	3.00
BUS-421	MARKETING RESEARCH	3.00
COMM-330	PROFESSIONAL COMMUNICATION	3.00
KIN-488	SPORT FACILITIES AND EVENT MANAGEMENT	3.00
KIN-489	SPORT MARKETING AND ADVERTISING	3.00
<b>Total Credits</b>		<b>15.00</b>

## Sports Nutrition Certificate

Designed for students, health and fitness professionals, and sport coaches, the Sports Nutrition Academic Certificate provides individuals with knowledge and skills needed to assist athletes with nutritional needs.

### Program Requirements

Code	Title	Credits
<b>Program Electives</b>		
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	4.00
HLTH-248	BEHAVIOR CHANGE	1.00
HLTH-253	NUTRITION	3.00
HLTH-343	SPORT NUTRITION	3.00
HLTH-454	WELLNESS COACHING	2.00
<b>Total Credits</b>		<b>13.00</b>

## Bioinformatics BA/BS

Bioinformatics is a discipline that applies Computer Science as a tool to solve problems in molecular biology. The degree has been developed in collaboration between Computer Scientists and Biologists. Mathematics course work is also represented, as an understanding of statistics is necessary when working as a bioinformatics scientist. This is truly a unique and interdisciplinary degree. This degree is designed as a gateway for students who will pursue graduate programs (MS and PhD) in Bioinformatics and Computational Biology. Students will also have the training to enter the work force as system analysts working with large data sets in clinical research, government research labs, biotechnology and pharmaceutical companies. Our faculty conduct bioinformatics research with a focus on image processing (MRI and histology images), and also genomics and molecular genetics (for example, studying genes associated with behavior/neural processing in mammals or genes involved in regulation drought-tolerance in crops).

The goals of the bioinformatics program are to provide students with learning experiences in both the classroom and laboratory so that they are **well-prepared** to:

- Think critically and apply knowledge in novel contexts;
- Understand the computational analysis of biological systems;
- Understand cell and genome structures, function, and reproduction;
- Understand algorithms and data structures;
- Perform basic laboratory procedures in a safe manner.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-170	CALCULUS I	
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Arts</b>		
ART-100	INTRODUCTION TO ART	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES	
THEA-101	SURVEY OF THE THEATER	
<b>Language</b>		
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
<b>Scientific Ways of Knowing</b>		
CHEM-111	PRINCIPLES OF CHEMISTRY I	4.00
CS-108	INTRODUCTION TO COMPUTER SCIENCE	4.00
<b>Social &amp; Behavioral Ways of Knowing</b>		
Select one course from two disciplines:		6.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	

HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS

**Diversity**

Select one of the following: 3.00-4.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ANTH-360	RACE AND ETHNICITY
COMM-345	INTERCULTURAL COMMUNICATION
ENGL-258	INTERNATIONAL LITERATURE
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
ID-300C	ETHICS AND IDENTITY
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
POLS-285	COMPARATIVE GOVERNMENT
SOC-101	INTRODUCTION TO SOCIOLOGY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
SS-184	DIVERSITY IN ORGANIZATIONS

**Integrative Seminar: Ethics & Values**

Select one of the following: 3.00

ID 300A - 300Z (see course descriptions for options)	
ID-301A	HELLS CANYON INSTITUTE

**Foreign/Heritage Language**

Select 16 credits of language if selecting Bachelor of Arts Degree 16.00

**Total Credits 38.00**

## Program Requirements

Code	Title	Credits
<b>Major Requirements</b>		
BIOF-301	COMPUTATIONAL GENOMICS	3.00

BIOL-181	ECOLOGY, EVOLUTION, DIVERSITY OF LIFE	4.00
BIOL-182	CONCEPTS IN CELLULAR MECHANISMS	4.00
BIOL-213	PLANT AND ANIMAL FORM AND FUNCTION	4.00
or BIOL-216	FIELD EXPERIENCE IN BIOLOGY	
BIOL-331	ECOLOGY	3.00
BIOL-341	GENETICS	4.00
BIOL-355	GENERAL MICROBIOLOGY	4.00
or BIOL-362	CELLULAR AND MOLECULAR BIOLOGY	
BIOL-372	COMPUTATIONAL BIostatISTICS	4.00
BIOL-460	EVOLUTION	4.00
BIOL-490	DIRECTED STUDY IN BIOLOGY	4.00
CITPT-111	WEB DEVELOPMENT BASICS	3.00
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	4.00
CS-111	FOUNDATIONS OF PROGRAMMING	4.00
CS-211	COMPUTER SCIENCE II	4.00
CS-226	SQL: STRUCTURED QUERY LANGUAGE	3.00
CS-253	INTRO TO SYSTEMS PROGRAMMING	4.00
MATH-170	CALCULUS I	4.00
<b>Select 12 credits from the following:</b>		<b>12.00</b>
BIOF-350	IMAGE ANALYSIS	
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	
BIOL-228	HUMAN ANATOMY AND PHYSIOLOGY II	
BIOL-312	PATHOPHYSIOLOGY	
BIOL-314	PATHOPHYSIOLOGY RECITATION	
BIOL-401	MAMMALOGY	
BIOL-402	ORNITHOLOGY	
BIOL-404	ENTOMOLOGY	
BIOL-443	IMMUNOLOGY	
BIOL-450	FIELD BOTANY	
CS-250	COMPUTER ORGANIZATION AND ARCHITECTURE	
CS-311	ALGORITHMS AND DATA STRUCTURES	
CS-360	SOFTWARE ENGINEERING	
CS-430	OPERATING SYSTEMS	
CS-435	COMPUTER NETWORKS	
CS-445	DATABASES AND KNOWLEDGE MANAGEMENT	
MATH-175	CALCULUS II	
Elective	Elective Credits	6.00
<b>Total Credits</b>		<b>82.00</b>

<sup>1</sup> Program Requirement: Select 18-23 credits from the following, CHEM-482, CS-360, CS-401, CS-420, CS-430, CS-435, CS-445, CS-475.

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
BIOF-100	INTRODUCTION TO BIOINFORMATICS	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
CORE	MATH-143 MATH-147 or MATH-170	4.00
ENGL-101	WRITING AND RHETORIC I	3.00
<b>Credits</b>		<b>13.00</b>
<b>Spring</b>		
BIOL-181	ECOLOGY, EVOLUTION, DIVERSITY OF LIFE	4.00

CORE	Oral Communication	3.00
CS-108	INTRODUCTION TO COMPUTER SCIENCE	4.00
ENGL-102	WRITING AND RHETORIC II	3.00
MATH-170	CALCULUS I	4.00
	<b>Credits</b>	<b>18.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
CITPT-111	WEB DEVELOPMENT BASICS	3.00
CS-111	FOUNDATIONS OF PROGRAMMING	4.00
CS-226	SQL: STRUCTURED QUERY LANGUAGE	3.00
	<b>Credits</b>	<b>16.00</b>
<b>Spring</b>		
BIOL-182	CONCEPTS IN CELLULAR MECHANISMS	4.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CS-211	COMPUTER SCIENCE II	4.00
CS-253	INTRO TO SYSTEMS PROGRAMMING	4.00
	<b>Credits</b>	<b>15.00</b>
<b>Third Year</b>		
<b>Fall</b>		
BIOL-213 or BIOL-216	PLANT AND ANIMAL FORM AND FUNCTION or FIELD EXPERIENCE IN BIOLOGY	4.00
BIOF-301	COMPUTATIONAL GENOMICS	3.00
BIOL-331	ECOLOGY	3.00
BIOL-355 or BIOL-362	GENERAL MICROBIOLOGY or CELLULAR AND MOLECULAR BIOLOGY	4.00
Program Requirement	Bioinformatics Electives <sup>1</sup>	3.00
	<b>Credits</b>	<b>17.00</b>
<b>Spring</b>		
BIOL-341	GENETICS	4.00
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	4.00
CORE	Diversity	3.00
Program Requirement	Bioinformatics Electives <sup>1</sup>	3.00
	<b>Credits</b>	<b>14.00</b>
<b>Fourth Year</b>		
<b>Fall</b>		
BIOL-372	COMPUTATIONAL BIOSTATISTICS	4.00
Program Requirement	Bioinformatics Electives <sup>1</sup>	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
	<b>Credits</b>	<b>13.00</b>
<b>Spring</b>		
BIOL-460	EVOLUTION	4.00
BIOL-490	DIRECTED STUDY IN BIOLOGY	4.00
CORE	Integrative Seminar: Ethics & Values	3.00
Program Requirement	Bioinformatics Electives <sup>1</sup>	3.00
	<b>Credits</b>	<b>14.00</b>
	<b>Total Credits</b>	<b>120.00</b>



<sup>1</sup> Program Requirement: Select 12 credits from the following, BIOF-350, BIOL-227, BIOL-228, BIOL-312, BIOL-314, BIOL-330, BIOL-401, BIOL-402, BIOL-403, BIOL-404, BIOL-443, BIOL-450, CS-250, CS-311, CS-360, CS-430, CS-435, CS-445, MATH-175.

Graduates with a BA/BS in Bioinformatics go on to obtain careers in a variety of fields:

- Research Assistant
- Data Collection/Analysis
- Computer Science

## Biology BA/BS

The biology major is designed to provide students with a solid foundation in biology through five core classes covering molecular, cellular, organismal, microbiological, ecological, and evolutionary biology. The flexibility in the program allows students and academic advisers to work together to design a program of study that best suits students' strengths and interests. Upper division electives include courses such as immunology, mammalogy, and animal behavior. Students can opt to participate in undergraduate research projects, serve as teaching assistants, or complete internships. Because of the breadth of course offerings, the Biology Program offers successful preparation for a wide-variety of career paths, including admission to graduate school and numerous health-related professional schools, such as medicine and dentistry. Some graduates are trained to enter the workforce as biologists with organizations such as Idaho Fish and Game, while other students complete courses required for secondary education teaching certification.

The goals of the biology program are to provide students with learning experiences in both the classroom and laboratory so that they can achieve the following:

- Understand cell structure, function, and reproduction;
- Understand the principles of natural selection and evolution;
- Understand organismal form and function;
- Think critically and apply knowledge in novel contexts;
- And, perform basic laboratory procedures in a safe manner.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-170	CALCULUS I	
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Arts</b>		

ART-100	INTRODUCTION TO ART
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE
HUM-150	INTRODUCTION TO THE ARTS
MUS-101	SURVEY OF MUSIC
MUS-102	MUSIC IN AMERICA
MUS-150	WORLD MUSIC
MUS-151	HISTORY OF MUSICAL THEATER
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES
THEA-101	SURVEY OF THE THEATER

**Language**

NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II

**Scientific Ways of Knowing**

Select two of the following: 8.00

CHEM-111	PRINCIPLES OF CHEMISTRY I
PHYS-111	GENERAL PHYSICS I
or PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I

**Social & Behavioral Ways of Knowing**

Select one course from two disciplines: 6.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ECON-201	PRINCIPLES OF MACROECONOMICS
ECON-202	PRINCIPLES OF MICROECONOMICS
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS

**Diversity**

Select one of the following: 3.00-4.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ANTH-360	RACE AND ETHNICITY
COMM-345	INTERCULTURAL COMMUNICATION
ENGL-258	INTERNATIONAL LITERATURE
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
GEOG-102	INTRODUCTION TO GEOGRAPHY

HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
ID-300C	ETHICS AND IDENTITY	
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS	
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
POLS-285	COMPARATIVE GOVERNMENT	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
SPAN-201	INTERMEDIATE SPANISH I	
SPAN-202	INTERMEDIATE SPANISH II	
<b>Integrative Seminar: Ethics &amp; Values</b>		
Select one of the following:		3.00
ID 300A - 300Z (see course descriptions for options)		
ID-301A	HELLS CANYON INSTITUTE	
<b>Foreign/Heritage Language</b>		
Select 16 credits of language if selecting Bachelor of Arts Degree		16.00
<b>Total Credits</b>		<b>38.00-43.00</b>

## Program Requirements

Code	Title	Credits
<b>Major Courses</b>		
BIOL-181	ECOLOGY, EVOLUTION, DIVERSITY OF LIFE	4.00
BIOL-182	CONCEPTS IN CELLULAR MECHANISMS	4.00
BIOL-213	PLANT AND ANIMAL FORM AND FUNCTION	4.00
or BIOL-228	HUMAN ANATOMY AND PHYSIOLOGY II	
BIOL-331	ECOLOGY	3.00
BIOL-341	GENETICS	4.00
BIOL-355	GENERAL MICROBIOLOGY	4.00
or BIOL-362	CELLULAR AND MOLECULAR BIOLOGY	
BIOL-372	COMPUTATIONAL BIOSTATISTICS	4.00
BIOL-460	EVOLUTION	4.00
CHEM-112	PRINCIPLES OF CHEMISTRY II	4.00
CHEM-371 & CHEM-373	ORGANIC CHEMISTRY I and ORGANIC CHEMISTRY I LAB	4.00
CHEM-481	BIOCHEMISTRY I	4.00
MATH-170	CALCULUS I (Required if not completed as core)	
PHYS-112	GENERAL PHYSICS II	4.00
<b>Program Electives</b>		
Select 19 credits from the following: <sup>1</sup>		19.00
Select 3 credits from BIOL/CHEM/GIS in the 200/300/400 level		
Select 4 credits from BIOL/CHEM/GIS in the 300/400 level		
Select 4 credits from BIOL/CHEM in the 300/400 level		
Select 8 credits from BIOL in the 300/400 level		
<b>Electives</b>		
Select 16 elective credits		16.00
<b>Total Credits</b>		<b>82.00</b>

<sup>1</sup> 8 or less credits of CHEM/GIS and 3 or less credits total from courses ending in -94, -95, or -99.

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
BIOL-181	ECOLOGY, EVOLUTION, DIVERSITY OF LIFE	4.00
CHEM-111	PRINCIPLES OF CHEMISTRY I	4.00
ENGL-101	WRITING AND RHETORIC I	3.00
CORE	MATH-143, MATH-147 or MATH-170	3.00-5.00
<b>Credits</b>		<b>14.00-16.00</b>
<b>Spring</b>		
BIOL-182	CONCEPTS IN CELLULAR MECHANISMS	4.00
CHEM-112	PRINCIPLES OF CHEMISTRY II	4.00
CORE	Oral Communication	3.00
ENGL-102	WRITING AND RHETORIC II	3.00
<b>Credits</b>		<b>14.00</b>
<b>Second Year</b>		
<b>Fall</b>		
BIOL-213 or BIOL-228	PLANT AND ANIMAL FORM AND FUNCTION or HUMAN ANATOMY AND PHYSIOLOGY II	4.00
CHEM-371	ORGANIC CHEMISTRY I	3.00
CHEM-373	ORGANIC CHEMISTRY I LAB	1.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>14.00</b>
<b>Spring</b>		
BIOL-372	COMPUTATIONAL BIOSTATISTICS	4.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
Program Requirement	Select BIOL, CHEM, GIS course in 200/300/400 level	3.00
Elective	Elective Credits	4.00
<b>Credits</b>		<b>14.00</b>
<b>Third Year</b>		
<b>Fall</b>		
BIOL-341	GENETICS	4.00
BIOL-355 or BIOL-362	GENERAL MICROBIOLOGY or CELLULAR AND MOLECULAR BIOLOGY	4.00
PHYS-111 or PHYS-211	GENERAL PHYSICS I or PHYSICS FOR SCIENTISTS AND ENGINEERS I	4.00
CORE	Social & Behavioral Ways of Knowing	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
BIOL-331	ECOLOGY	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
PHYS-112	GENERAL PHYSICS II	4.00
Program Requirement	Select BIOL or CHEM course in 300/400 level	4.00
Elective	Elective Credits	2.00
<b>Credits</b>		<b>16.00</b>
<b>Fourth Year</b>		
<b>Fall</b>		
CHEM-481	BIOCHEMISTRY I	4.00

CORE	Integrative Seminar: Ethics & Values	3.00
Program Requirement	Select BIOL course in 300/400 level	4.00
Program Requirement	Select BIOL, CHEM, GIS course in 300/400 level	4.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
BIOL-460	EVOLUTION	4.00
CORE	Diversity	3.00
Program Requirement	Select BIOL course in 300/400 level	4.00
Elective	Elective Credits	3.00
Elective	Elective Credits	4.00
<b>Credits</b>		<b>18.00</b>
<b>Total Credits</b>		<b>120.00-122.00</b>

Graduates with a BA/BS in Biology go on to obtain careers in a variety of fields:

- Biotechnology
- Botany
- Bioinformatics
- Biomedical
- Microbiology
- Genetics
- Healthcare
- Legislation/Law
- Zoology, Marine, Aquatic Biology
- Technical and Pharmaceutical Sales

## Biology: Secondary Education BA/BS

The Teacher Education program prepares candidates for certification in grades K-12. The Secondary Education program requires 27 credits of Education course work in professional foundations and studies and 13 credits during internship. Students apply for admission to the program after successfully completing nine credits of Education course work in professional foundations. During the course of the studies, candidates may be asked to reapply to the program if their GPA falls below 3.0 in general course work and 3.0 in their selected content area(s) of endorsement.

Teaching endorsement areas are attached to a Standard Instructional Certificate (grades K-12), according to Idaho Teacher Certification standards. All endorsements require a minimum of 45 semester credits, with the exception of dual endorsements where 30 semester for a major endorsement and 20 semester credits for a minor endorsement is required. The following LC State areas are approved for teaching field majors: Biology, Chemistry, Communication Arts, Earth Science, English; Kinesiology-Physical Education K-12 and Health 6-12; Mathematics; Natural Sciences; Psychology; and Social Science with a History emphasis (see degree requirements for each major). Teacher candidates must successfully pass the related Praxis II exam in their teaching content area(s).

For marketability purposes, students are encouraged to pursue endorsements and minors in a second teaching field; consult with an advisor for the proper procedure. Secondary Education majors must have a content area advisor and a Secondary Education advisor.

Graduates from other colleges or universities seeking secondary teacher certification must fulfill all Secondary Education professional course work requirements in addition to meeting all academic major or minor teaching field requirements for subject area endorsement.

Students in the Teacher Education Certification program are expected to provide evidence through performance that they have met Idaho's requirements for certification and become dedicated and knowledgeable professionals, content specialists, competent educational designers, capable educational facilitators, insightful educational evaluators, reflective professionals, and culturally responsive professionals before being recommended for teacher certification.

## Advising

Secondary Teacher Education candidates must have two advisors; one for their academic major and one for teacher certification.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00

ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-170	CALCULUS I	
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Arts</b>		
ART-100	INTRODUCTION TO ART	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES	
THEA-101	SURVEY OF THE THEATER	
<b>Language</b>		
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
<b>Scientific Ways of Knowing</b>		
CHEM-111	PRINCIPLES OF CHEMISTRY I	4.00
PHYS-111	GENERAL PHYSICS I	4.00
<b>Social &amp; Behavioral Ways of Knowing</b>		
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	3.00
Select one of the following:		3.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	

HRPT-184	DIVERSITY IN ORGANIZATIONS
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS

**Diversity**

Select one of the following: 3.00-4.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ANTH-360	RACE AND ETHNICITY
COMM-345	INTERCULTURAL COMMUNICATION
ENGL-258	INTERNATIONAL LITERATURE
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
ID-300C	ETHICS AND IDENTITY
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
POLS-285	COMPARATIVE GOVERNMENT
SOC-101	INTRODUCTION TO SOCIOLOGY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
SS-184	DIVERSITY IN ORGANIZATIONS

**Integrative Seminar: Ethics & Values**

Select one of the following: 3.00

ID 300A - 300Z (see course descriptions for options)	
ID-301A	HELLS CANYON INSTITUTE

**Foreign/Heritage Language**

Select 16 credits of language if selecting Bachelor of Arts Degree 16.00

**Total Credits 38.00-43.00**

## Program Requirements

Secondary certification candidates must meet the graduation requirements for their major and the Secondary Teacher Education Program and must have two advisors. (see below)

Code	Title	Credits
<b>Biology Program</b>		
BIOL-181	ECOLOGY, EVOLUTION, DIVERSITY OF LIFE	4.00
BIOL-182	CONCEPTS IN CELLULAR MECHANISMS	4.00
BIOL-331	ECOLOGY	3.00
BIOL-341	GENETICS	4.00

BIOL-372	COMPUTATIONAL BIOSTATISTICS	4.00
CHEM-112	PRINCIPLES OF CHEMISTRY II	4.00
MATH-170	CALCULUS I (Required if not taken as core)	
PHYS-111	GENERAL PHYSICS I	4.00
PHYS-112	GENERAL PHYSICS II	4.00
Select one of the following:		
BIOL-213	PLANT AND ANIMAL FORM AND FUNCTION	4.00
or BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	
Select one of the following:		
BIOL-401	MAMMALOLOGY	4.00
BIOL-402	ORNITHOLOGY	
BIOL-403	ICHTHYOLOGY	
BIOL-404	ENTOMOLOGY	
or BIOL-450	FIELD BOTANY	

**Selectives**

Select any BIOL courses numbered 200 or higher <sup>1</sup> 3.00-4.00

**Secondary Education Certificate**

See Secondary Education Certificate Requirements below

**Total Credits** 42.00-43.00

<sup>1</sup> See Catalog section "Teacher Education Division: Secondary Teacher Certification" regarding certification requirements for this major. Selective course choices could be affected.

## Secondary Education Certificate Requirements

Application for admission to the Teacher Education Program is required after successful completion of the first three Phase I courses.

Code	Title	Credits
<b>Phase I - Professional Foundations of Education</b>		
ED-214	PRINCIPLES OF EDUCATION <sup>1</sup>	3.00
ED-225	TECHNOLOGIES FOR TEACHING, K-12	3.00
ED-318	ASSESSMENT OF LEARNING <sup>1</sup>	3.00
ED-321	EDUCATIONAL PSYCHOLOGY <sup>1</sup>	3.00
ED-345	CULTURALLY RELEVANT TEACHING	3.00
SE-322	INCLUSION STRATEGIES K-12 (may be taken in Phase I or Phase II)	3.00
<b>Phase II - Professional Studies in Education</b>		
ED-445	INSTRUCTIONAL STRATEGIES AND CLASSROOM MANAGEMENT, 6-12	3.00
ED-447	TEACHING METHODS IN THE CONTENT AREA	2.00
RE-309	DISCIPLINARY LITERACY	3.00
<b>Phase III - Instructional Methods in Education</b>		
ED-452	INTERNSHIP SEMINAR	1.00
ED-460	PROFESSIONAL INTERNSHIP IN EDUCATION 6-12	12.00
<b>Total Credits</b>		<b>39.00</b>

<sup>1</sup> Additional requirements must be met for teacher certification. See your Teacher Education Division advisor for details.

No grade lower than a "C-" will be accepted in any General Education core, Content Major, or 200-level Professional Foundations course. No grade lower than a "B-" will be accepted in any 300- or 400-level education courses in the Secondary Education Program.

A minimum cumulative GPA of 3.0 is required for admission into the Secondary Teacher Education Program. Candidates must also maintain a 3.0 cumulative GPA in their content area classes.



## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
CHEM-111	PRINCIPLES OF CHEMISTRY I	4.00
CORE	Oral Communication	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
CORE	MATH-143, MATH-147 or MATH-170	3.00-5.00
<b>Credits</b>		<b>13.00-15.00</b>
<b>Spring</b>		
CHEM-112	PRINCIPLES OF CHEMISTRY II	4.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
ENGL-102	WRITING AND RHETORIC II	3.00
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	3.00
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	3.00
<b>Credits</b>		<b>16.00</b>
<b>Second Year</b>		
<b>Fall</b>		
BIOL-181	ECOLOGY, EVOLUTION, DIVERSITY OF LIFE	4.00
CORE	Diversity	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
PHYS-111	GENERAL PHYSICS I	4.00
Program Requirement	Select BIOL course in 200/300/400 level	4.00
<b>Credits</b>		<b>18.00</b>
<b>Spring</b>		
BIOL-182	CONCEPTS IN CELLULAR MECHANISMS	4.00
BIOL-213 or BIOL-227	PLANT AND ANIMAL FORM AND FUNCTION or HUMAN ANATOMY AND PHYSIOLOGY I	4.00
CORE	Integrative Seminar: Ethics & Values	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
PHYS-112	GENERAL PHYSICS II	4.00
<b>Credits</b>		<b>18.00</b>
<b>Third Year</b>		
<b>Fall</b>		
BIOL-331	ECOLOGY	3.00
BIOL-341	GENETICS	4.00
BIOL-372	COMPUTATIONAL BIOSTATISTICS	4.00
Program Requirement	BIOL-401, BIOL-402, BIOL-403, BIOL-404 or BIOL-450	4.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>80.00-82.00</b>

Graduates with a BA/BS in Biology: Secondary Education go on to obtain careers in a variety of fields:

- Secondary Biology Teacher (6-12)
- Adult and Continuing Education
- Research
- Lab Technician
- Training Specialist
- Business and Industry
- Instructional Coach

## Business Informatics BA/BS

This major provides students with both Business and Computer Science knowledge and skills. It will prepare graduates for careers that require skills with both business acumen and computer and technology expertise. Courses in this major will include systems analysis, application software development, web development, and database design. Graduates will also become familiar with all areas of business in order to better accommodate business operations in the areas of software and hardware systems. The intended learning outcomes of this program include understanding the concepts, theories, and practices in the functional areas of business, preparing professional oral and written forms of communication, evaluating and applying information technology in support of management decision making, and working effectively and professionally with diverse colleagues in team situations. Additionally, graduates will evaluate existing information systems, databases, and user interfaces and propose improvements.

### General Education

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Arts</b>		
ART-100	INTRODUCTION TO ART	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES	
THEA-101	SURVEY OF THE THEATER	

**Language**

NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II

**Scientific Ways of Knowing**

CS-108	INTRODUCTION TO COMPUTER SCIENCE	4.00
Select one course from the following		3.00
BIOF-100	INTRODUCTION TO BIOINFORMATICS	
BIOL-100	CONCEPTS OF BIOLOGY	
BIOL-120	PLANTS AND PEOPLE	
BIOL-123	BIOLOGY IN FILM	
BIOL-175	HUMAN BIOLOGY	
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	
CHEM-100	CONCEPTS OF CHEMISTRY	
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	
CHEM-111	PRINCIPLES OF CHEMISTRY I	
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE	
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE	
GEOL-101	PHYSICAL GEOLOGY	
GEOL-120	INTRODUCTION TO EARTH SYSTEMS	
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS	
ID-240	INTEGRATED SCIENCE II	
NS-140	INTEGRATED SCIENCE I	
NS-150	INTRODUCTION TO NATURAL SCIENCES <sup>1</sup>	
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR	
PHYS-111	GENERAL PHYSICS I	
or PHYS-112	GENERAL PHYSICS II	
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS	
PHYS-205	DESCRIPTIVE ASTRONOMY	
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I	

**Social & Behavioral Ways of Knowing**

Select one course from two disciplines:		6.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	
POLS-101	AMERICAN NATIONAL GOVERNMENT	
POLS-237	INTERNATIONAL POLITICS	
POLS-285	COMPARATIVE GOVERNMENT	
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SOC-102	SOCIAL PROBLEMS	

SS-184	DIVERSITY IN ORGANIZATIONS	
SS-185	HUMAN RELATIONS IN ORGANIZATIONS	
<b>Diversity</b>		
Select one of the following:		3.00-4.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ANTH-360	RACE AND ETHNICITY	
COMM-345	INTERCULTURAL COMMUNICATION	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
ID-300C	ETHICS AND IDENTITY	
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS	
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
POLS-285	COMPARATIVE GOVERNMENT	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
SPAN-201	INTERMEDIATE SPANISH I	
SPAN-202	INTERMEDIATE SPANISH II	
SS-184	DIVERSITY IN ORGANIZATIONS	
<b>Integrative Seminar: Ethics &amp; Values</b>		
Select one of the following:		3.00
ID 300A - 300Z (see course descriptions for options)		
ID-301A	HELLS CANYON INSTITUTE	
<b>Foreign/Heritage Language</b>		
Select 16 credits of language if selecting Bachelor of Arts Degree		16.00
<b>Total Credits</b>		<b>37.00-42.00</b>

## Program Requirements

Code	Title	Credits
Take all of the following:		
AC-231	PRINCIPLES OF ACCOUNTING I	3.00
AC-232	PRINCIPLES OF ACCOUNTING II	3.00
BUS-220	BUSINESS COMMUNICATIONS	3.00
BUS-221	INTRODUCTION TO COMPUTERS/INFO SYSTEMS	3.00
ECON-201 or ECON-202	PRINCIPLES OF MACROECONOMICS (Take both course, one as core) PRINCIPLES OF MICROECONOMICS	3.00
Select one of the following:		
ECON/PSYC/SS-300	STATISTICAL METHODS	3.00
Take all of the following:		
CITPT-111	WEB DEVELOPMENT BASICS	3.00
CS-111	FOUNDATIONS OF PROGRAMMING	4.00
CS-211	COMPUTER SCIENCE II	4.00
CS-226	SQL: STRUCTURED QUERY LANGUAGE	3.00

CS-253	INTRO TO SYSTEMS PROGRAMMING	4.00
Upper Division Courses		
BUS-301	FINANCIAL MANAGEMENT	3.00
BUS-311	FOUNDATIONS OF MANAGEMENT THEORY	3.00
BUS-321	PRINCIPLES OF MARKETING	3.00
BUS-355	INFORMATION SYSTEMS FOR MANAGERS	3.00
BUS-365	BUSINESS LAW I	3.00
BUS-370	PRODUCTION AND OPERATIONS MANAGEMENT	3.00
CS-311	ALGORITHMS AND DATA STRUCTURES	4.00
CS-445	DATABASES AND KNOWLEDGE MANAGEMENT	3.00
CS-480	CAPSTONE DESIGN PROJECT	4.00
Upper Division Computer Science Electives		
Elective Credits		13.00
CS-300/400		6.00
<b>Total Credits</b>		<b>84.00</b>

Students must earn at least a "C-" in MATH, ECON, and PSYC-101.

Students must earn at least a "C-" in all major courses. Students must also earn at least a 2.50 grade point average in all business courses combined, including Accounting and Economics.

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
CS-108	INTRODUCTION TO COMPUTER SCIENCE	4.00
ENGL-101	WRITING AND RHETORIC I	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Mathematical Ways of Knowing	3.00
CORE	Oral Communication	3.00
<b>Credits</b>		<b>16.00</b>
<b>Spring</b>		
CITPT-111	WEB DEVELOPMENT BASICS	3.00
ENGL-102	WRITING AND RHETORIC II	3.00
CORE	Scientific Ways of Knowing	3.00
CORE	Diversity	3.00
<b>Credits</b>		<b>12.00</b>
<b>Second Year</b>		
<b>Fall</b>		
AC-231	PRINCIPLES OF ACCOUNTING I	3.00
BUS-220	BUSINESS COMMUNICATIONS	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
ECON-201	PRINCIPLES OF MACROECONOMICS	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
AC-232	PRINCIPLES OF ACCOUNTING II	3.00
BUS-221	INTRODUCTION TO COMPUTERS/INFO SYSTEMS	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
ECON-202	PRINCIPLES OF MICROECONOMICS	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>

**Third Year****Fall**

BUS-301	FINANCIAL MANAGEMENT	3.00
BUS-311	FOUNDATIONS OF MANAGEMENT THEORY	3.00
BUS-321	PRINCIPLES OF MARKETING	3.00
ECON-300	STATISTICAL METHODS	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>

**Spring**

BUS-355	INFORMATION SYSTEMS FOR MANAGERS	3.00
BUS-365	BUSINESS LAW I	3.00
BUS-370	PRODUCTION AND OPERATIONS MANAGEMENT	3.00
Program Requirement	Select CS course 300/400 Level	3.00
CORE	Integrative Seminar: Ethics & Values	3.00
<b>Credits</b>		<b>15.00</b>

**Fourth Year****Fall**

CS-211	COMPUTER SCIENCE II	4.00
CS-226	SQL: STRUCTURED QUERY LANGUAGE	3.00
CS-253	INTRO TO SYSTEMS PROGRAMMING	4.00
CORE	Social & Behavioral Ways of Knowing	3.00
Elective	Elective Credits	2.00
<b>Credits</b>		<b>16.00</b>

**Spring**

CS-311	ALGORITHMS AND DATA STRUCTURES	4.00
CS-445	DATABASES AND KNOWLEDGE MANAGEMENT	3.00
CS-480	CAPSTONE DESIGN PROJECT	4.00
Program Requirement	Select CS course 300/400 Level	3.00
Elective	Elective Credits	2.00
<b>Credits</b>		<b>16.00</b>

**Total Credits****120.00**

Graduates with a BA/BS in Business Informatics go on to obtain careers in a variety of fields:

- Administration
- Economics
- Entrepreneurship
- Financial Planning
- Global Industries
- Human Resource Management
- Management
- Marketing and Analytics
- Sales
- Statistics

## Chemistry - Chemistry or Geochemistry BA/BS

The Chemistry program prepares students for industrial or government laboratory work or graduate work in Chemistry or Biochemistry. The Chemistry emphasis provides a strong foundation for students entering the professional health fields, especially the pre-professional programs such as Pre-Medical, Pre-Dental, Pharmacy and Medical Technology.

The Geochemistry emphasis couples a solid foundation in analytical chemistry with the deductive thinking skills, three-dimensional visualization skills, and fundamental understanding of earth materials that the earth sciences offer. Students graduating with this major are prepared for careers in the geo-technical industry as well as continuing their education in a graduate program in the Environmental Earth Sciences.

Students may also complete courses required for secondary teaching certification.

Upon completion of the program, students will be **well-prepared** to:

- Understand the relationship between matter and energy, composition and structure, and and their relation to physical and chemical behavior
- Apply chemical principles to biological, geological and environmental phenomena
- Demonstrate quantitative and conceptual reasoning
- Think critically and apply knowledge in novel contexts
- Safely and effectively apply laboratory skills
- Design, conduct and report scientific research within the discipline

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-170	CALCULUS I	
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Arts</b>		
ART-100	INTRODUCTION TO ART	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES	
THEA-101	SURVEY OF THE THEATER	
<b>Language</b>		
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
<b>Scientific Ways of Knowing</b>		
Select two of the following:		8.00

CHEM-111	PRINCIPLES OF CHEMISTRY I
PHYS-111	GENERAL PHYSICS I
or PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I

**Social & Behavioral Ways of Knowing**

Select one course from two disciplines: 6.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ECON-201	PRINCIPLES OF MACROECONOMICS
ECON-202	PRINCIPLES OF MICROECONOMICS
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS

**Diversity**

Select one of the following: 3.00-4.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ANTH-360	RACE AND ETHNICITY
COMM-345	INTERCULTURAL COMMUNICATION
ENGL-258	INTERNATIONAL LITERATURE
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
ID-300C	ETHICS AND IDENTITY
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
POLS-285	COMPARATIVE GOVERNMENT
SOC-101	INTRODUCTION TO SOCIOLOGY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II

**Integrative Seminar: Ethics & Values**



Select one of the following: 3.00

ID 300A - 300Z (see course descriptions for options)

ID-301A HELLS CANYON INSTITUTE

#### Foreign/Heritage Language

Select 16 credits of language if selecting Bachelor of Arts Degree 16.00

**Total Credits 38.00-43.00**

## Program Requirements

Code	Title	Credits
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#### Major Courses

CHEM-112	PRINCIPLES OF CHEMISTRY II	4.00
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CHEM-325	QUANTITATIVE ANALYSIS	5.00
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CHEM-454	INSTRUMENTAL ANALYSIS	5.00
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MATH-170	CALCULUS I (Required if not completed as core)	
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PHYS-112	GENERAL PHYSICS II	4.00
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or PHYS-212	PHYSICS FOR SCIENTISTS AND ENGINEERS II	
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#### Electives

Select 4 credits from Natural Science at 300/400 level 4.00

Select 32 elective credits 32.00

#### Emphasis

Select one of the following emphasis: 28.00-29.00

#### Chemistry Emphasis

CHEM-300	PHYSICAL CHEMISTRY I WITH LABORATORY
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CHEM-306	PHYSICAL CHEMISTRY II
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CHEM-353	LABORATORY PREPARATION TECHNIQUES
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CHEM-371 & CHEM-373	ORGANIC CHEMISTRY I and ORGANIC CHEMISTRY I LAB
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CHEM-372 & CHEM-376	ORGANIC CHEMISTRY II and ORGANIC CHEMISTRY II LAB
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CHEM-463	INORGANIC CHEMISTRY
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CHEM-481	BIOCHEMISTRY I
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MATH-175	CALCULUS II
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#### Geology Emphasis

GEOL-101	PHYSICAL GEOLOGY
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or GEOL-120	INTRODUCTION TO EARTH SYSTEMS
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GEOL-202	HISTORICAL GEOLOGY
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GEOL-313	EARTH MATERIALS I
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GEOL-314	EARTH MATERIALS II
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GEOL-420	PRINCIPLES OF GEOCHEMISTRY
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GEOL-491	WORKSHOP IN GEOLOGY
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Select one from the following:

CHEM-300	PHYSICAL CHEMISTRY I WITH LABORATORY
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CHEM-371 & CHEM-373	ORGANIC CHEMISTRY I and ORGANIC CHEMISTRY I LAB
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CHEM-463	INORGANIC CHEMISTRY
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Select 4 credits of CHEM or GEOL 300/400 level

**Total Credits 82.00-83.00**

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
CORE	Oral Communication	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CHEM-111	PRINCIPLES OF CHEMISTRY I	4.00
<b>Credits</b>		<b>13.00</b>
<b>Spring</b>		
CHEM-112	PRINCIPLES OF CHEMISTRY II	4.00
ENGL-102	WRITING AND RHETORIC II	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	MATH-143, MATH-147 or MATH-170	3.00-5.00
CORE	Social & Behavioral Ways of Knowing	3.00
<b>Credits</b>		<b>16.00-18.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CHEM-325	QUANTITATIVE ANALYSIS	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
PHYS-111 or PHYS-211	GENERAL PHYSICS I or PHYSICS FOR SCIENTISTS AND ENGINEERS I	4.00-5.00
Program Requirement	Select NS course 300/400 Level	4.00
<b>Credits</b>		<b>14.00-15.00</b>
<b>Spring</b>		
CORE	Diversity	3.00
CORE	Integrative Seminar: Ethics & Values	3.00
CHEM-454	INSTRUMENTAL ANALYSIS	5.00
PHYS-112 or PHYS-212	GENERAL PHYSICS II or PHYSICS FOR SCIENTISTS AND ENGINEERS II	4.00-5.00
<b>Credits</b>		<b>15.00-16.00</b>
<b>Total Credits</b>		<b>58.00-62.00</b>

## Geochemistry Emphasis

Course	Title	Credits
<b>Third Year</b>		
<b>Fall</b>		
GEOL-101 or GEOL-120	PHYSICAL GEOLOGY or INTRODUCTION TO EARTH SYSTEMS	4.00
GEOL-313	EARTH MATERIALS I	4.00
Elective	Elective Credits	4.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
GEOL-202	HISTORICAL GEOLOGY	4.00
GEOL-314	EARTH MATERIALS II	4.00
Elective	Elective Credits	4.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Fourth Year</b>		
<b>Fall</b>		
GEOL-420	PRINCIPLES OF GEOCHEMISTRY	3.00

Program Requirement	Select CHEM or GEOL course 300 level or above	4.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>16.00</b>
<b>Spring</b>		
GEOL-491	WORKSHOP IN GEOLOGY	1.00-12.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
Program Requirements	CHEM-300, CHEM-371/CHEM-373, or CHEM-463	4.00
<b>Credits</b>		<b>14.00-25.00</b>
<b>Total Credits</b>		<b>60.00-71.00</b>

## Chemistry Emphasis

Course	Title	Credits
<b>Third Year</b>		
<b>Fall</b>		
MATH-175	CALCULUS II	4.00
CHEM-300	PHYSICAL CHEMISTRY I WITH LABORATORY	4.00
CHEM-371	ORGANIC CHEMISTRY I	3.00
CHEM-373	ORGANIC CHEMISTRY I LAB	1.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
CHEM-372	ORGANIC CHEMISTRY II	3.00
CHEM-376	ORGANIC CHEMISTRY II LAB	2.00
CHEM-463	INORGANIC CHEMISTRY	4.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Fourth Year</b>		
<b>Fall</b>		
CHEM-353	LABORATORY PREPARATION TECHNIQUES	2.00
CHEM-481	BIOCHEMISTRY I	4.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
CHEM-306	PHYSICAL CHEMISTRY II	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>60.00</b>

Graduates with a BA/BS in Chemistry go on to obtain careers in a variety of fields:

- Analytical
- Organic or Inorganic Chemistry

- Physical Chemistry
- Business
- Law
- Biochemical
- Geochemistry
- Education
- Technical Writing
- Information Specialists/Technical Libraries

## Chemistry: Secondary Education BA/BS

The Teacher Education program prepares candidates for certification in grades K-12. The Secondary Education program requires 27 credits of Education course work in professional foundations and studies and 13 credits during internship. Students apply for admission to the program after successfully completing nine credits of Education course work in professional foundations. During the course of the studies, candidates may be asked to reapply to the program if their GPA falls below 3.0.

Teaching endorsement areas are attached to a Standard Instructional Certificate (grades K-12), according to Idaho Teacher Certification standards. All endorsements require a minimum of 45 semester credits, with the exception of dual endorsements where 30 semester for a major endorsement and 20 semester credits for a minor endorsement is required. The following LC State areas are approved for teaching field majors: Biology, Chemistry, Communication Arts, Earth Science, English; Kinesiology-Physical Education K-12 and Health 6-12; Mathematics; Natural Sciences; Psychology; and Social Science with a History emphasis (see degree requirements for each major). Teacher candidates must successfully pass the related Praxis II exam in their teaching content area(s).

For marketability purposes, students are encouraged to pursue endorsements and minors in a second teaching field; consult with an advisor for the proper procedure. Secondary Education majors must have a content area advisor and a Secondary Education advisor.

Graduates from other colleges or universities seeking secondary teacher certification must fulfill all Secondary Education professional course work requirements in addition to meeting all academic major or minor teaching field requirements for subject area endorsement.

Students in the Teacher Education Certification program are expected to provide evidence through performance that they have met Idaho's requirements for certification and become dedicated and knowledgeable professionals, content specialists, competent educational designers, capable educational facilitators, insightful educational evaluators, reflective professionals, and culturally responsive professionals before being recommended for teacher certification.

## Advising

Secondary Teacher Education candidates must have two advisors; one for their academic major and one for teacher certification.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-170	CALCULUS I	
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		

ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Arts</b>		
ART-100	INTRODUCTION TO ART	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES	
THEA-101	SURVEY OF THE THEATER	
<b>Language</b>		
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
<b>Scientific Ways of Knowing</b>		
CHEM-111	PRINCIPLES OF CHEMISTRY I	4.00
Select one of the following:		4.00-5.00
PHYS-111	GENERAL PHYSICS I	
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I	
<b>Social &amp; Behavioral Ways of Knowing</b>		
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	3.00
Select one of the following:		3.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	
POLS-101	AMERICAN NATIONAL GOVERNMENT	
POLS-237	INTERNATIONAL POLITICS	
POLS-285	COMPARATIVE GOVERNMENT	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SOC-102	SOCIAL PROBLEMS	
SS-184	DIVERSITY IN ORGANIZATIONS	
SS-185	HUMAN RELATIONS IN ORGANIZATIONS	
<b>Diversity</b>		
Select one of the following:		3.00-4.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	

ANTH-360	RACE AND ETHNICITY
COMM-345	INTERCULTURAL COMMUNICATION
ENGL-258	INTERNATIONAL LITERATURE
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
ID-300C	ETHICS AND IDENTITY
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
POLS-285	COMPARATIVE GOVERNMENT
SOC-101	INTRODUCTION TO SOCIOLOGY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
SS-184	DIVERSITY IN ORGANIZATIONS
<b>Integrative Seminar: Ethics &amp; Values</b>	
Select one of the following: 3.00	
ID 300A - 300Z (see course descriptions for options)	
ID-301A	HELLS CANYON INSTITUTE
<b>Foreign/Heritage Language</b>	
Select 16 credits of language if selecting Bachelor of Arts Degree 16.00	
<b>Total Credits</b>	<b>38.00-44.00</b>

## Program Requirements

Secondary certification candidates must meet the graduation requirements for their major and the Secondary Teacher Education Program and must have two advisors. (see below)

Code	Title	Credits
<b>Chemistry Program</b>		
CHEM-112	PRINCIPLES OF CHEMISTRY II	4.00
CHEM-300	PHYSICAL CHEMISTRY I WITH LABORATORY	4.00
CHEM-306	PHYSICAL CHEMISTRY II	3.00
CHEM-325	QUANTITATIVE ANALYSIS	3.00
CHEM-325L	QUANTITATIVE ANALYSIS LABORATORY	2.00
CHEM-371	ORGANIC CHEMISTRY I	3.00
CHEM-372	ORGANIC CHEMISTRY II	3.00
CHEM-373	ORGANIC CHEMISTRY I LAB	1.00
CHEM-376	ORGANIC CHEMISTRY II LAB	2.00
CHEM-454	INSTRUMENTAL ANALYSIS	5.00
CHEM-463	INORGANIC CHEMISTRY	4.00
CHEM-481	BIOCHEMISTRY I	4.00
MATH-170	CALCULUS I (Required if not taken as core)	
MATH-175	CALCULUS II	4.00
PHYS-112	GENERAL PHYSICS II	4.00-5.00
or PHYS-212	PHYSICS FOR SCIENTISTS AND ENGINEERS II	

### Secondary Education Certificate

See Secondary Education Certificate Requirements below

**Total Credits** **46.00-47.00**

<sup>1</sup> See Catalog section "Teacher Education Division: Secondary Teacher Certification" regarding certification requirements for this major. Selective course choices could be affected.

## Secondary Education Certificate Requirements

Application for admission to the Teacher Education Program is required after successful completion of the first three Phase I courses.

Code	Title	Credits
<b>Phase I - Professional Foundations of Education</b>		
ED-214	PRINCIPLES OF EDUCATION <sup>1</sup>	3.00
ED-225	TECHNOLOGIES FOR TEACHING, K-12	3.00
ED-318	ASSESSMENT OF LEARNING <sup>1</sup>	3.00
ED-321	EDUCATIONAL PSYCHOLOGY <sup>1</sup>	3.00
ED-345	CULTURALLY RELEVANT TEACHING	3.00
SE-322	INCLUSION STRATEGIES K-12 (may be taken in Phase I or Phase II)	3.00
<b>Phase II - Professional Studies in Education</b>		
ED-445	INSTRUCTIONAL STRATEGIES AND CLASSROOM MANAGEMENT, 6-12	3.00
ED-447	TEACHING METHODS IN THE CONTENT AREA	2.00
RE-309	DISCIPLINARY LITERACY	3.00
<b>Phase III - Instructional Methods in Education</b>		
ED-452	INTERNSHIP SEMINAR	1.00
ED-460	PROFESSIONAL INTERNSHIP IN EDUCATION 6-12	12.00
<b>Total Credits</b>		<b>39.00</b>

<sup>1</sup> Additional requirements must be met for teacher certification. See your Teacher Education Division advisor for details.

No grade lower than a "C-" will be accepted in any General Education core, Content Major, or 200-level Professional Foundations course. No grade lower than a "B-" will be accepted in any 300- or 400-level courses for Secondary Education.

A minimum cumulative GPA of 3.0 is required for admission into the Secondary Teacher Education Program. Candidates must also maintain a 3.0 cumulative GPA in their content area classes.

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
CORE	Oral Communication	3.00
CHEM-111	PRINCIPLES OF CHEMISTRY I	4.00
CORE	MATH-143, MATH-147 or MATH-170	3.00-5.00
	<b>Credits</b>	<b>13.00-15.00</b>
<b>Spring</b>		
ENGL-102	WRITING AND RHETORIC II	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	3.00
CHEM-112	PRINCIPLES OF CHEMISTRY II	4.00
	<b>Credits</b>	<b>13.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CHEM-300	PHYSICAL CHEMISTRY I WITH LABORATORY	4.00
CORE	Diversity	3.00

CORE	Humanistic & Artistic Ways of Knowing	3.00
PHYS-111 or PHYS-211	GENERAL PHYSICS I or PHYSICS FOR SCIENTISTS AND ENGINEERS I	4.00-5.00
MATH-175	CALCULUS II	4.00
<b>Credits</b>		<b>18.00-19.00</b>
<b>Spring</b>		
CORE	Integrative Seminar: Ethics & Values	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
PHYS-112 or PHYS-212	GENERAL PHYSICS II or PHYSICS FOR SCIENTISTS AND ENGINEERS II	4.00-5.00
CHEM-306	PHYSICAL CHEMISTRY II	3.00
CHEM-325	QUANTITATIVE ANALYSIS	3.00
<b>Credits</b>		<b>16.00-17.00</b>
<b>Third Year</b>		
<b>Fall</b>		
CHEM-371	ORGANIC CHEMISTRY I	3.00
CHEM-373	ORGANIC CHEMISTRY I LAB	1.00
CHEM-454	INSTRUMENTAL ANALYSIS	5.00
CHEM-463	INORGANIC CHEMISTRY	4.00
<b>Credits</b>		<b>13.00</b>
<b>Spring</b>		
CHEM-372	ORGANIC CHEMISTRY II	3.00
CHEM-376	ORGANIC CHEMISTRY II LAB	2.00
CHEM-481	BIOCHEMISTRY I	4.00
<b>Credits</b>		<b>9.00</b>
<b>Total Credits</b>		<b>82.00-86.00</b>

Graduates with a BA/BS Chemistry: Secondary Education go on to obtain careers in a variety of fields:

- Secondary Chemistry Teacher (6-12)
- Adult and Continuing Education
- Research
- Lab Technician
- Training Specialist
- Business and Industry
- Instructional Coach

## Earth Science BA/BS

The Earth Science major provides a broad-based science education with focus on Earth's systems, including the geosphere, hydrosphere, atmosphere and biosphere. Students gain an understanding of the major features of each of these systems with foundational courses in Earth system science, environmental earth science, historical geology, and earth materials. Elective courses in the program include hydrogeology, structural field geology, geographic information systems, geochemistry, ecology, and field biology. Students can opt to participate in internships, research projects, or serve as teaching assistants. The program prepares students for a wide variety of careers in the private and government sectors including the fields of environmental science, geotechnical services, natural hazards mitigation, mining and petroleum industries, and resource management. It also provides an excellent foundation for students interested in continuing their education with graduate work in the natural sciences. Students may complete additional courses required for secondary teaching certification.

The goals of the Earth Science program are to provide students with learning experiences in the classroom, laboratory, and field so that they are **well-prepared** to:

- Understand the major features and processes in Earth's systems and the interrelationships between them;
- Understand the interactions between Earth systems and human society;
- Apply geoscience knowledge and critical thinking skills to identify and address a variety of Earth science problems;
- Understand field research techniques and be able to critically interpret geologic phenomena in the field;



- Apply scientific methods with clearly articulated hypotheses and understand the fundamentals of collecting and applying data to test hypotheses;
- Communicate in a scientifically effective manner, in both oral and written form.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-170	CALCULUS I	
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Arts</b>		
ART-100	INTRODUCTION TO ART	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES	
THEA-101	SURVEY OF THE THEATER	
<b>Language</b>		
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
<b>Scientific Ways of Knowing</b>		
Select two of the following:		8.00
CHEM-111	PRINCIPLES OF CHEMISTRY I	
PHYS-111 or PHYS-211	GENERAL PHYSICS I PHYSICS FOR SCIENTISTS AND ENGINEERS I	
<b>Social &amp; Behavioral Ways of Knowing</b>		
Select one course from two disciplines:		6.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	

ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ECON-201	PRINCIPLES OF MACROECONOMICS
ECON-202	PRINCIPLES OF MICROECONOMICS
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS

**Diversity**

Select one of the following: 3.00-4.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ANTH-360	RACE AND ETHNICITY
COMM-345	INTERCULTURAL COMMUNICATION
ENGL-258	INTERNATIONAL LITERATURE
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
ID-300C	ETHICS AND IDENTITY
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
POLS-285	COMPARATIVE GOVERNMENT
SOC-101	INTRODUCTION TO SOCIOLOGY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II

**Integrative Seminar: Ethics & Values**

Select one of the following: 3.00

ID 300A - 300Z (see course descriptions for options)
ID-301A HELLS CANYON INSTITUTE

**Foreign/Heritage Language**

Select 16 credits of language if selecting Bachelor of Arts Degree 16.00

**Total Credits 38.00-43.00**

## Program Requirements

Code	Title	Credits
<b>Major Courses</b>		
CHEM-112	PRINCIPLES OF CHEMISTRY II	4.00
GEOL-101	PHYSICAL GEOLOGY	4.00
or GEOL-120	INTRODUCTION TO EARTH SYSTEMS	
GEOL-202	HISTORICAL GEOLOGY	4.00
GEOL-313	EARTH MATERIALS I	4.00
GEOL-314	EARTH MATERIALS II	4.00
GEOL-450	EARTH SYSTEMS CAPSTONE	3.00
GEOL-491	WORKSHOP IN GEOLOGY	1.00
MATH-170	CALCULUS I (Required if not taken as core)	
PHYS-205	DESCRIPTIVE ASTRONOMY	4.00
PHYS-112	GENERAL PHYSICS II	4.00
or PHYS-212	PHYSICS FOR SCIENTISTS AND ENGINEERS II	
<b>Electives</b>		
Select 4 credits of GEOL or GIS 200 level or higher		4.00
Select 7 credits of GEOL or GIS 300 level or higher		7.00
Select 39 elective credits		39.00
<b>Total Credits</b>		<b>82.00</b>

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
CHEM-111	PRINCIPLES OF CHEMISTRY I	4.00
CORE	Social & Behavioral Ways of Knowing	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
GEOL-101	PHYSICAL GEOLOGY	4.00
or GEOL-120	or INTRODUCTION TO EARTH SYSTEMS	
Elective	Elective Credits	3.00
<b>Credits</b>		<b>17.00</b>
<b>Spring</b>		
ENGL-102	WRITING AND RHETORIC II	3.00
CORE	Oral Communication	3.00
CHEM-112	PRINCIPLES OF CHEMISTRY II	4.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>13.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	MATH-143, MATH-147 or MATH-170	3.00-5.00
PHYS-111	GENERAL PHYSICS I	4.00-5.00
or PHYS-211	or PHYSICS FOR SCIENTISTS AND ENGINEERS I	
Program Requirement	Select GEOL or GIS course 200 level or above	4.00
<b>Credits</b>		<b>14.00-17.00</b>
<b>Spring</b>		
CORE	Humanistic & Artistic Ways of Knowing	3.00
GEOL-202	HISTORICAL GEOLOGY	4.00
PHYS-112	GENERAL PHYSICS II	4.00-5.00
or PHYS-212	or PHYSICS FOR SCIENTISTS AND ENGINEERS II	

Program Requirement	Select GEOL or GIS course 200 level or above	4.00
<b>Credits</b>		<b>15.00-16.00</b>
<b>Third Year</b>		
<b>Fall</b>		
CORE	Social & Behavioral Ways of Knowing	3.00
GEOL-313	EARTH MATERIALS I	4.00
PHYS-205	DESCRIPTIVE ASTRONOMY	4.00
Program Requirement	Select GEOL or GIS course 200 level or above	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>17.00</b>
<b>Spring</b>		
CORE	Diversity	3.00
CORE	Integrative Seminar: Ethics & Values	3.00
GEOL-314	EARTH MATERIALS II	4.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>16.00</b>
<b>Fourth Year</b>		
<b>Fall</b>		
GEOL-491	WORKSHOP IN GEOLOGY	1.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>13.00</b>
<b>Spring</b>		
GEOL-450	EARTH SYSTEMS CAPSTONE	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>120.00-124.00</b>

Graduates with a BA/BS in Earth Science go on to obtain careers in a variety of fields:

- Resources
- Landscape
- Astrogeology and Space Sciences
- Education
- Minerals
- Geologic Mapping
- Hazards

## Earth Science: Secondary Education BA/BS

The Teacher Education program prepares candidates for certification in grades K-12. The Secondary Education program requires 27 credits of Education course work in professional foundations and studies and 13 credits during internship. Students apply for admission to the program after successfully completing nine credits of Education course work in professional foundations. During the course of the studies, candidates may be asked to reapply to the program if their GPA falls below 3.0 in general course work.

Teaching endorsement areas are attached to a Standard Instructional Certificate (grades K-12), according to Idaho Teacher Certification standards.

All endorsements require a minimum of 45 semester credits, with the exception of dual endorsements where 30 semester credits for a major endorsement and 20 semester credits for a minor endorsement is required. The following LC State areas are approved for teaching field majors: Biology, Chemistry, Communication Arts, Earth Science, English; Kinesiology-Physical Education K-12 and Health 6-12; Mathematics; Natural Sciences;

Psychology; and Social Science with a History emphasis (see degree requirements for each major). Teacher candidates must successfully pass the related Praxis II exam in their teaching content area(s).

For marketability purposes, students are encouraged to pursue endorsements and minors in a second teaching field; consult with an advisor for the proper procedure. Secondary Education majors must have a content area advisor and a Secondary Education advisor.

Graduates from other colleges or universities seeking secondary teacher certification must fulfill all Secondary Education professional course work requirements in addition to meeting all academic major or minor teaching field requirements for subject area endorsement.

Students in the Teacher Education Certification program are expected to provide evidence through performance that they have met Idaho's requirements for certification and become dedicated and knowledgeable professionals, content specialists, competent educational designers, capable educational facilitators, insightful educational evaluators, reflective professionals, and culturally responsive professionals before being recommended for teacher certification.

## Advising

For advising purposes, Secondary Teacher Education candidates must have two advisors; one for their academic major and one for teacher certification.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-170	CALCULUS I	
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Arts</b>		
ART-100	INTRODUCTION TO ART	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES	
THEA-101	SURVEY OF THE THEATER	
<b>Language</b>		
NP-101	NEZ PERCE LANGUAGE AND CULTURE	

NP-102	NEZ PERCE LANGUAGE AND HISTORY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
<b>Scientific Ways of Knowing</b>		
CHEM-111	PRINCIPLES OF CHEMISTRY I	4.00
Select one of the following:		4.00-5.00
PHYS-111	GENERAL PHYSICS I	
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I	
<b>Social &amp; Behavioral Ways of Knowing</b>		
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	3.00
Select one of the following:		3.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	
POLS-101	AMERICAN NATIONAL GOVERNMENT	
POLS-237	INTERNATIONAL POLITICS	
POLS-285	COMPARATIVE GOVERNMENT	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SOC-102	SOCIAL PROBLEMS	
SS-184	DIVERSITY IN ORGANIZATIONS	
SS-185	HUMAN RELATIONS IN ORGANIZATIONS	
<b>Diversity</b>		
Select one of the following:		3.00-4.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ANTH-360	RACE AND ETHNICITY	
COMM-345	INTERCULTURAL COMMUNICATION	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
ID-300C	ETHICS AND IDENTITY	
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS	
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
POLS-285	COMPARATIVE GOVERNMENT	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SPAN-101	ELEMENTARY SPANISH I	

SPAN-102	ELEMENTARY SPANISH II	
SPAN-201	INTERMEDIATE SPANISH I	
SPAN-202	INTERMEDIATE SPANISH II	
SS-184	DIVERSITY IN ORGANIZATIONS	
<b>Integrative Seminar: Ethics &amp; Values</b>		
Select one of the following:		3.00
ID 300A - 300Z (see course descriptions for options)		
ID-301A	HELLS CANYON INSTITUTE	
<b>Foreign/Heritage Language</b>		
Select 16 credits of language if selecting Bachelor of Arts Degree		16.00
<b>Total Credits</b>		<b>38.00-44.00</b>

## Program Requirements

Secondary certification candidates must meet the graduation requirements for their major and the Secondary Teacher Education Program and must have two advisors. (see below)

Code	Title	Credits
<b>Earth Science Program</b>		
CHEM-112	PRINCIPLES OF CHEMISTRY II	4.00
GEOL-101	PHYSICAL GEOLOGY	4.00
or GEOL-120	INTRODUCTION TO EARTH SYSTEMS	
GEOL-202	HISTORICAL GEOLOGY	4.00
GEOL-313	EARTH MATERIALS I	4.00
GEOL-314	EARTH MATERIALS II	4.00
GEOL-450	EARTH SYSTEMS CAPSTONE	3.00
MATH-170	CALCULUS I (Required if not taken as core)	
PHYS-205	DESCRIPTIVE ASTRONOMY	4.00
PHYS-112	GENERAL PHYSICS II	4.00-5.00
or PHYS-212	PHYSICS FOR SCIENTISTS AND ENGINEERS II	
<b>Selectives</b>		
Select from any GEOL or GIS courses numbered 200 or higher <sup>1</sup>		4.00
Select from any GEOL course numbered 300 or higher		7.00
<b>Secondary Education Certificate</b>		
See Secondary Education Certificate Requirements below		
<b>Total Credits</b>		<b>42.00-43.00</b>

<sup>1</sup> See Catalog section "Teacher Education Division: Secondary Teacher Certification" regarding certification requirements for this major. Selective course choices could be affected

## Secondary Education Certificate Requirements

Application for admission to the Teacher Education Program is required after successful completion of the first three Phase I courses.

Code	Title	Credits
<b>Phase I - Professional Foundations of Education</b>		
ED-214	PRINCIPLES OF EDUCATION <sup>1</sup>	3.00
ED-224	Course ED-224 Not Found	2.00
ED-318	ASSESSMENT OF LEARNING <sup>1</sup>	3.00
ED-321	EDUCATIONAL PSYCHOLOGY <sup>1</sup>	3.00
ED-345	CULTURALLY RELEVANT TEACHING	3.00
SE-322	INCLUSION STRATEGIES K-12 (may be taken in Phase I or Phase II)	3.00
<b>Phase II - Professional Studies in Education</b>		
ED-424	MEDIA & TECHNOLOGIES FOR TEACHING, K-12	2.00
ED-445	INSTRUCTIONAL STRATEGIES AND CLASSROOM MANAGEMENT, 6-12	3.00

ED-447	TEACHING METHODS IN THE CONTENT AREA	2.00
RE-309	DISCIPLINARY LITERACY	3.00
<b>Phase III - Instructional Methods in Education</b>		
ED-452	INTERNSHIP SEMINAR	1.00
ED-460	PROFESSIONAL INTERNSHIP IN EDUCATION 6-12	12.00
<b>Total Credits</b>		<b>40.00</b>

<sup>1</sup> Additional requirements must be met for teacher certification. See your Teacher Education Division advisor for details.

No grade lower than a "C-" will be accepted in any General Education core, Content Major, or 200-level Professional Foundations course. No grade lower than a "B-" will be accepted in any 300- or 400-level courses in Secondary Education.

A minimum cumulative GPA of 3.0 is required for admission into the Secondary Teacher Education Program. Candidates must also maintain a 3.0 cumulative GPA in their content area classes.

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
CHEM-111	PRINCIPLES OF CHEMISTRY I	4.00
CORE	Oral Communication	3.00
CORE	MATH-143, MATH-147 or MATH-170	3.00-5.00
ENGL-101	WRITING AND RHETORIC I	3.00
GEOL-101 or GEOL-120	PHYSICAL GEOLOGY or INTRODUCTION TO EARTH SYSTEMS	4.00
<b>Credits</b>		<b>17.00-19.00</b>
<b>Spring</b>		
CHEM-112	PRINCIPLES OF CHEMISTRY II	4.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
ENGL-102	WRITING AND RHETORIC II	3.00
Program Requirement	Select GEOL course 300/400 level	3.00
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	3.00
<b>Credits</b>		<b>16.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Diversity	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
GEOL-202	HISTORICAL GEOLOGY	4.00
PHYS-111 or PHYS-211	GENERAL PHYSICS I or PHYSICS FOR SCIENTISTS AND ENGINEERS I	4.00-5.00
<b>Credits</b>		<b>14.00-15.00</b>
<b>Spring</b>		
CORE	Integrative Seminar: Ethics & Values	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
GEOL-313	EARTH MATERIALS I	4.00
GEOL-314	EARTH MATERIALS II	4.00
PHYS-112 or PHYS-212	GENERAL PHYSICS II or PHYSICS FOR SCIENTISTS AND ENGINEERS II	4.00-5.00
<b>Credits</b>		<b>18.00-19.00</b>
<b>Third Year</b>		
<b>Fall</b>		
GEOL-450	EARTH SYSTEMS CAPSTONE	3.00
PHYS-205	DESCRIPTIVE ASTRONOMY	4.00



Program Requirement	Select GEOL or GIS course 200/300/400 Level	4.00
Program Requirement	Select GEOL course 300/400 level	4.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>80.00-84.00</b>

Graduates with a BA/BS in Earth Science: Secondary Education go on to obtain careers in a variety of fields:

- Secondary Earth Science Teacher (6-12)
- Adult and Continuing Education
- Research
- Lab/Field Work
- Training Specialist
- Business and Industry
- Instructional Coach

## Exercise Science BA/BS

A major in Exercise Science prepares students to integrate principles from both Physical & Life Sciences, Kinesiology, and Health into the study of the art and science of human movement. Students who pursue this degree often plan to attend professional post-baccalaureate programs in the Allied Health Sciences (i.e. physical therapy, occupational therapy, sports medicine, cardiac rehabilitation, etc.). These students go on to be successful in a variety of allied health fields that are clinically-oriented, diverse, and that place an emphasis on research-based practice.

Students who graduate with a degree in Exercise Science will be **well-prepared** to:

- Use and interpret formal and informal assessment strategies to advance individual performance and determine the effectiveness of a prescribed exercise program.
- Apply skills and knowledge within a professional allied health setting, integrating ethical standards and best practices in the field.
- Create programs and learning environments that encourage positive social interaction, active engagement, and self-motivation.
- Interact in a professional, effective manner with colleagues, families, and community agencies to support growth and well-being of programs and participants.
- Design and conduct a research project, analyze and interpret data and present findings both orally and in writing.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	5.00
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Arts</b>		
ART-100	INTRODUCTION TO ART	

HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES	
THEA-101	SURVEY OF THE THEATER	
<b>Language</b>		
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
<b>Scientific Ways of Knowing</b>		
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	4.00
CHEM-111	PRINCIPLES OF CHEMISTRY I	4.00
<b>Social &amp; Behavioral Ways of Knowing</b>		
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	3.00
Select one of the following:		3.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	
POLS-101	AMERICAN NATIONAL GOVERNMENT	
POLS-237	INTERNATIONAL POLITICS	
POLS-285	COMPARATIVE GOVERNMENT	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SOC-102	SOCIAL PROBLEMS	
SS-184	DIVERSITY IN ORGANIZATIONS	
SS-185	HUMAN RELATIONS IN ORGANIZATIONS	
<b>Diversity</b>		
Select one of the following:		3.00-4.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ANTH-360	RACE AND ETHNICITY	
COMM-345	INTERCULTURAL COMMUNICATION	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	

HRPT-184	DIVERSITY IN ORGANIZATIONS
ID-300C	ETHICS AND IDENTITY
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
POLS-285	COMPARATIVE GOVERNMENT
SOC-101	INTRODUCTION TO SOCIOLOGY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
SS-184	DIVERSITY IN ORGANIZATIONS

**Integrative Seminar: Ethics & Values**

Select one of the following: 3.00

ID 300A - 300Z (see course descriptions for options)

ID-301A HELLS CANYON INSTITUTE

**Foreign/Heritage Language**

Select 16 credits of language if selecting Bachelor of Arts Degree 16.00

**Total Credits****40.00-43.00**

## Program Requirements

Code	Title	Credits
<b>Health &amp; Kinesiology Courses</b>		
HLTH-253	NUTRITION	3.00
HLTH/KIN-272	FITNESS AND WELLNESS	3.00
KIN-248	SPORTS MEDICINE	3.00
KIN-361	BIOMECHANICS LABORATORY	1.00
KIN-362	BIOMECHANICS	3.00
KIN-363	PHYSIOLOGY OF EXERCISE	3.00
KIN-364	EXERCISE PHYSIOLOGY LABORATORY	1.00
KIN-381	TESTS AND MEASUREMENTS IN PHYSICAL EDUCATION	3.00
KIN-434	EXERCISE PRESCRIPTION	3.00
KIN/HLTH-494	INTERNSHIP IN KINESIOLOGY	3.00
Select three of the following:		8.00-9.00
KIN-411	EXERCISE PSYCHOLOGY	
KIN-425	ETHICAL DECISION-MAKING SPORT LEADERS	
KIN-435	AGING AND PHYSICAL ACTIVITY	
KIN-436	PERSONAL/GROUP TRAINING CERT PREP	
KIN-467	PHYSICAL ACTIVITY AND RECREATION FOR INDIVIDUALS WITH SPECIAL NEEDS	
HLTH-453	HEALTH PROMOTION	
HLTH-454	WELLNESS COACHING	
<b>Natural Science Courses</b>		
BIOL-181	ECOLOGY, EVOLUTION, DIVERSITY OF LIFE	4.00
BIOL-182	CONCEPTS IN CELLULAR MECHANISMS	4.00
BIOL-228	HUMAN ANATOMY AND PHYSIOLOGY II	4.00
CHEM-112	PRINCIPLES OF CHEMISTRY II	4.00
PHYS-111	GENERAL PHYSICS I	4.00
PHYS-112	GENERAL PHYSICS II	4.00
Select 2-4 credits of NS 300/400 level		2.00-4.00
<b>Cross-Discipline Courses</b>		
KIN-260	INTRODUCTION TO KINESIOLOGY AND HEALTH	1.00
or BIOL-280	PRE-MEDICAL SEMINAR	

MEDPT-173	MEDICAL TERMINOLOGY	3.00
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	3.00
or PSYC-300	STATISTICAL METHODS	
<b>Senior Research/Project</b>		
KIN-498	SENIOR RESEARCH PROJECT I	3.00
KIN-499	RESEARCH PROJECT/SEMINAR II	3.00
<b>Electives</b>		
Select 4-7 elective credits		4.00-7.00
<b>Total Credits</b>		<b>77.00-83.00</b>

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
CHEM-111	PRINCIPLES OF CHEMISTRY I	4.00
ENGL-101	WRITING AND RHETORIC I	3.00
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	5.00
CORE	Oral Communication	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
BIOL-280 or KIN-260	PRE-MEDICAL SEMINAR or INTRODUCTION TO KINESIOLOGY AND HEALTH	1.00
CHEM-112	PRINCIPLES OF CHEMISTRY II	4.00
ENGL-102	WRITING AND RHETORIC II	3.00
KIN-272	FITNESS AND WELLNESS	3.00
MEDPT-173	MEDICAL TERMINOLOGY	3.00
Elective	Elective Credits	1.00
<b>Credits</b>		<b>15.00</b>
<b>Second Year</b>		
<b>Fall</b>		
BIOL-181	ECOLOGY, EVOLUTION, DIVERSITY OF LIFE	4.00
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	4.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
Elective	Elective Credits	1.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
BIOL-182	CONCEPTS IN CELLULAR MECHANISMS	4.00
BIOL-228	HUMAN ANATOMY AND PHYSIOLOGY II	4.00
HLTH-253	NUTRITION	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
Elective	Elective Credits	1.00
<b>Credits</b>		<b>15.00</b>
<b>Third Year</b>		
<b>Fall</b>		
KIN-361	BIOMECHANICS LABORATORY	1.00
KIN-362	BIOMECHANICS	3.00
CORE	Diversity	3.00
PHYS-111	GENERAL PHYSICS I	4.00
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	3.00
NS	NS 300/400 Level	3.00
<b>Credits</b>		<b>17.00</b>

**Spring**

KIN-363	PHYSIOLOGY OF EXERCISE	3.00
KIN-364	EXERCISE PHYSIOLOGY LABORATORY	1.00
KIN-381	TESTS AND MEASUREMENTS IN PHYSICAL EDUCATION	3.00
PHYS-112	GENERAL PHYSICS II	4.00
Program Requirement	Select KIN Selective course	3.00
<b>Credits</b>		<b>14.00</b>

**Fourth Year****Fall**

KIN-248	SPORTS MEDICINE	3.00
KIN-498	SENIOR RESEARCH PROJECT I	3.00
MATH-253 or PSYC-300	STATISTICAL METHODS FOR THE SCIENCES or STATISTICAL METHODS	3.00
NS	NS 300/400 Level	2.00
Program Requirement	Select KIN Selective course	3.00
<b>Credits</b>		<b>14.00</b>

**Spring**

KIN-434	EXERCISE PRESCRIPTION	3.00
KIN-494	INTERNSHIP IN KINESIOLOGY	3.00
KIN-499	RESEARCH PROJECT/SEMINAR II	3.00
CORE	Integrative Seminar: Ethics & Values	3.00
Program Requirement	Select KIN Selective course	3.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>120.00</b>

Graduates with a BA/BS in Exercise Science go on to attend professional post-baccalaureate programs in a variety of fields:

- Physical Therapy
- Occupational Therapy
- Sports Medicine
- Cardiac Rehabilitation

## General Studies: Natural Sciences & Mathematics BA/BS

The General Studies: Natural Sciences & Mathematics program allows a student to develop their own course of study from the different disciplines within the Division of Natural Sciences & Mathematics. Students work with their advisor to tailor the classes in their degree to match personal and professional goals. This degree option serves students that need a custom program in preparation for further graduate studies or pre-professional coursework.

This degree option is not compatible with plans for future teacher certification. Students interested in teacher certification should instead consider the Natural Science – with Secondary Certification program.

Program Learning Outcomes:

Students who complete this program will meet 75% of the outcomes associated with the program with which their curriculum is most closely aligned.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	

COMM-203	SMALL GROUP COMMUNICATION
COMM-204	PUBLIC SPEAKING

**Mathematical Ways of Knowing**

Select one of the following: 3.00-5.00

MATH-123	MATH IN MODERN SOCIETY
MATH-130	FINITE MATHEMATICS
MATH-143	COLLEGE ALGEBRA
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY
MATH-153	STATISTICAL REASONING
MATH-170	CALCULUS I
MATH-253	STATISTICAL METHODS FOR THE SCIENCES
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II
MTHPT-130	FINITE MATHEMATICS
MTHPT-137	MATH FOR TECHNOLOGY
MTHPT-153	STATISTICAL REASONING

**Humanistic & Artistic Ways of Knowing**

Select one course from two categories: 6.00-8.00

**Literature**

ENGL-175	LITERATURE AND IDEAS
ENGL-257	WORLD CLASSICS
ENGL-258	INTERNATIONAL LITERATURE
ENGL-260	NATIVE AMERICAN LITERATURE
ENGL-261	MYTHOLOGIES

**Arts**

ART-100	INTRODUCTION TO ART
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE
HUM-150	INTRODUCTION TO THE ARTS
MUS-101	SURVEY OF MUSIC
MUS-102	MUSIC IN AMERICA
MUS-150	WORLD MUSIC
MUS-151	HISTORY OF MUSICAL THEATER
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES
THEA-101	SURVEY OF THE THEATER

**Language**

NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II

**Scientific Ways of Knowing**

Select one course from two disciplines; one lab 7.00-8.00

BIOF-100	INTRODUCTION TO BIOINFORMATICS
BIOL-100	CONCEPTS OF BIOLOGY
BIOL-120	PLANTS AND PEOPLE
BIOL-123	BIOLOGY IN FILM
BIOL-175	HUMAN BIOLOGY
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I
CHEM-100	CONCEPTS OF CHEMISTRY
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY
CHEM-111	PRINCIPLES OF CHEMISTRY I
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE
CS-108	INTRODUCTION TO COMPUTER SCIENCE
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE

GEOL-101	PHYSICAL GEOLOGY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
ID-240	INTEGRATED SCIENCE II
NS-140	INTEGRATED SCIENCE I
NS-150	INTRODUCTION TO NATURAL SCIENCES <sup>1</sup>
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR
PHYS-111	GENERAL PHYSICS I
or PHYS-112	GENERAL PHYSICS II
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS
PHYS-205	DESCRIPTIVE ASTRONOMY
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I

**Social & Behavioral Ways of Knowing**

Select one course from two disciplines: 6.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ECON-201	PRINCIPLES OF MACROECONOMICS
ECON-202	PRINCIPLES OF MICROECONOMICS
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS

**Diversity**

Select one of the following: 3.00-4.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ANTH-360	RACE AND ETHNICITY
COMM-345	INTERCULTURAL COMMUNICATION
ENGL-258	INTERNATIONAL LITERATURE
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
ID-300C	ETHICS AND IDENTITY
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS

NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
POLS-285	COMPARATIVE GOVERNMENT	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
SPAN-201	INTERMEDIATE SPANISH I	
SPAN-202	INTERMEDIATE SPANISH II	
SS-184	DIVERSITY IN ORGANIZATIONS	
<b>Integrative Seminar: Ethics &amp; Values</b>		
Select one of the following:		3.00
ID 300A - 300Z (see course descriptions for options)		
ID-301A	HELLS CANYON INSTITUTE	
<b>Foreign/Heritage Language</b>		
Select 16 credits of language if selecting Bachelor of Arts Degree		16.00
<b>Total Credits</b>		<b>37.00-43.00</b>

## Program Requirements

Code	Title	Credits
<b>Major Courses</b>		
Select 60 credits from these disciplines: BIOL; CHEM; CS; ENGR; GEOL; GIS; MATH; PHYS		60.00
A minimum of 30 upper division credits in the Major area		
One course from at least 4 of the Division's disciplines		
Note: Major credits may not duplicate General Education courses		
<b>Electives</b>		
Select 31 elective credits		31.00
<b>Total Credits</b>		<b>91.00</b>

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
CORE	Oral Communication	3.00
CORE	Scientific Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
Elective	Elective Credits	4.00
<b>Credits</b>		<b>16.00</b>
<b>Spring</b>		
ENGL-102	WRITING AND RHETORIC II	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
Elective	Elective Credits	4.00
<b>Credits</b>		<b>16.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Mathematical Ways of Knowing	3.00
CORE	Diversity	3.00
NS	Natural Science Course <sup>1</sup>	3.00
NS	Natural Science Course <sup>1</sup>	3.00



NS	Natural Science Course <sup>1</sup>	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
CORE	Scientific Ways of Knowing	4.00
CORE	Integrative Seminar: Ethics & Values	3.00
NS	Natural Science Course <sup>1</sup>	3.00
NS	Natural Science Course <sup>1</sup>	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>16.00</b>
<b>Third Year</b>		
<b>Fall</b>		
NS	Natural Science Course <sup>1</sup>	3.00
NS	Natural Science Course <sup>1</sup>	3.00
NS	Natural Science Course 300/400 Level <sup>1</sup>	3.00
NS	Natural Science Course 300/400 Level <sup>1</sup>	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>18.00</b>
<b>Spring</b>		
NS	Natural Science Course <sup>1</sup>	3.00
NS	Natural Science Course <sup>1</sup>	3.00
NS	Natural Science Course <sup>1</sup>	3.00
NS	Natural Science Course 300/400 Level <sup>1</sup>	3.00
Elective	Elective Credits	4.00
<b>Credits</b>		<b>16.00</b>
<b>Fourth Year</b>		
<b>Fall</b>		
NS	Natural Science Course 300/400 Level <sup>1</sup>	3.00
NS	Natural Science Course 300/400 Level <sup>1</sup>	3.00
NS	Natural Science Course 300/400 Level <sup>1</sup>	3.00
NS	Natural Science Course 300/400 Level <sup>1</sup>	3.00
Elective	Elective Credits	4.00
<b>Credits</b>		<b>16.00</b>
<b>Spring</b>		
NS	Natural Science Course 300/400 Level <sup>1</sup>	3.00
NS	Natural Science Course 300/400 Level <sup>1</sup>	3.00
NS	Natural Science Course 300/400 Level <sup>1</sup>	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>128.00</b>

<sup>1</sup> Natural Science course may come from the following disciplines: BIOL, CHEM, CS, ENGR, GEOL, GIS, MATH or PHYS. Must take courses from at least 4 different disciplines.

The BA/BS in General Studies: Natural Science & Mathematics prepares students for a wide variety of opportunities including professional employment and graduate school.

## Kinesiology: Coaching

The discipline of Kinesiology explores the art and science of human movement. In the Kinesiology program, students develop an appreciation of the human body and its tremendous potential, as well as an understanding of the relationship between positive lifestyle choices and long-term

improvements in health and well-being. Students seeking a Bachelor's degree in Kinesiology will complete a program of study with course work in one of four emphases:

1. Exercise Science and Health Occupations
2. Health and Fitness
3. Sport Studies
4. Coaching

This emphasis area prepares students interested in a career in sport coaching. Students will learn the various responsibilities of being a coach, including safety and injury prevention; planning, managing, and evaluating performance and competition; and providing healthy environments for participation and competition.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Arts</b>		
ART-100	INTRODUCTION TO ART	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	

MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES	
THEA-101	SURVEY OF THE THEATER	
<b>Language</b>		
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
<b>Scientific Ways of Knowing</b>		
Select one course from two disciplines; one lab		7.00-8.00
BIOF-100	INTRODUCTION TO BIOINFORMATICS	
BIOL-100	CONCEPTS OF BIOLOGY	
BIOL-120	PLANTS AND PEOPLE	
BIOL-123	BIOLOGY IN FILM	
BIOL-175	HUMAN BIOLOGY	
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	
CHEM-100	CONCEPTS OF CHEMISTRY	
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	
CHEM-111	PRINCIPLES OF CHEMISTRY I	
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE	
CS-108	INTRODUCTION TO COMPUTER SCIENCE	
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE	
GEOL-101	PHYSICAL GEOLOGY	
GEOL-120	INTRODUCTION TO EARTH SYSTEMS	
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS	
ID-240	INTEGRATED SCIENCE II	
NS-140	INTEGRATED SCIENCE I	
NS-150	INTRODUCTION TO NATURAL SCIENCES <sup>1</sup>	
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR	
PHYS-111	GENERAL PHYSICS I	
or PHYS-112	GENERAL PHYSICS II	
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS	
PHYS-205	DESCRIPTIVE ASTRONOMY	
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I	
<b>Social &amp; Behavioral Ways of Knowing</b>		
Select one course from two disciplines:		6.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	
POLS-101	AMERICAN NATIONAL GOVERNMENT	
POLS-237	INTERNATIONAL POLITICS	
POLS-285	COMPARATIVE GOVERNMENT	
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	

SOC-101	INTRODUCTION TO SOCIOLOGY	
SOC-102	SOCIAL PROBLEMS	
SS-184	DIVERSITY IN ORGANIZATIONS	
SS-185	HUMAN RELATIONS IN ORGANIZATIONS	
<b>Diversity</b>		
Select one of the following:		3.00-4.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ANTH-360	RACE AND ETHNICITY	
COMM-345	INTERCULTURAL COMMUNICATION	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
ID-300C	ETHICS AND IDENTITY	
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS	
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
POLS-285	COMPARATIVE GOVERNMENT	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
SPAN-201	INTERMEDIATE SPANISH I	
SPAN-202	INTERMEDIATE SPANISH II	
SS-184	DIVERSITY IN ORGANIZATIONS	
<b>Integrative Seminar: Ethics &amp; Values</b>		
Select one of the following:		3.00
ID 300A - 300Z (see course descriptions for options)		
ID-301A	HELLS CANYON INSTITUTE	
<b>Foreign/Heritage Language</b>		
Select 16 credits of language if selecting Bachelor of Arts Degree		16.00
<b>Total Credits</b>		<b>37.00-43.00</b>

## Program Requirements

Code	Title	Credits
<b>Kinesiology Core</b>		
HLTH-352	TECHNOLOGIES FOR HEALTH AND WELLNESS PROFESSIONALS	3.00
HLTH-354	ADDICTION AND PERFORMANCE	2.00
KIN-260	INTRODUCTION TO KINESIOLOGY AND HEALTH	1.00
KIN-272	FITNESS AND WELLNESS	3.00
KIN-370	MOTOR LEARNING/MOTOR DEVELOPMENT	3.00
KIN-381	TESTS AND MEASUREMENTS IN PHYSICAL EDUCATION	3.00
KIN-486	ORGANIZATION AND ADMINISTRATION OF HEALTH, PHYSICAL EDUCATION, RECREATION, ATHLETICS	3.00
KIN-498	SENIOR RESEARCH PROJECT I	3.00
KIN-499	RESEARCH PROJECT/SEMINAR II	3.00
Select three of the following:		3.00

KIN-261	SKILL AND ANALYSIS: COURT SPORTS	
KIN-262	SKILL AND ANALYSIS: FIELD SPORTS	
KIN-267	SKILL/ANALYSIS: STRENGTH DEVELOPMENT	
KIN-268	SKILL AND ANALYSIS: CORE AND FLEXIBILITY	
KIN-269	SKILL AND ANALYSIS: EDUCATIONAL GYM&MOV	

Select one of the following: 3.00

KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS	
KIN-425	ETHICAL DECISION-MAKING SPORT LEADERS	

Select two of the following: 2.00

HLTH-246	HUMAN SEXUALITY	
HLTH-247	STRESS MANAGEMENT	
HLTH-248	BEHAVIOR CHANGE	

#### Emphasis Courses

KIN-241	SPORTS OFFICIATING	2.00
KIN-248	SPORTS MEDICINE	3.00
KIN-340	ADVANCED COACHING THEORY	2.00
KIN-352	YOUTH SPORTS AND RECREATION	3.00
KIN-355	STRATEGIES FOR TEACHING PHYSICAL ACTIVITIES	3.00
KIN-410	SPORTS PSYCHOLOGY	3.00
KIN-487	SPORT ADMINISTRATION	3.00
KIN-488	SPORT FACILITIES AND EVENT MANAGEMENT	3.00
KIN-494	INTERNSHIP IN KINESIOLOGY	6.00

Select one of the following: 2.00

KIN-341	TECHNIQUES AND METHODS OF COACHING BASKETBALL	
KIN-342	TECHNIQUES AND METHODS OF COACHING BASEBALL	
KIN-343	TECHNIQUES AND METHODS OF COACHING TRACK AND FIELD	
KIN-344	TECHNIQUES AND METHODS OF COACHING FOOTBALL	
KIN-345	TECHNIQUES AND METHODS OF COACHING VOLLEYBALL	
KIN-346	TECHNIQUES AND METHODS OF COACHING SOCCER	
KIN-347	TECHNIQUES AND METHODS OF COACHING TENNIS AND GOLF	

#### Electives

Select 21 elective credits 21.00

**Total Credits 83.00**

#### Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
CORE	Mathematical Ways of Knowing	3.00
CORE	Oral Communication	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
KIN-260	INTRODUCTION TO KINESIOLOGY AND HEALTH	1.00
KIN-272	FITNESS AND WELLNESS	3.00
<b>Credits</b>		<b>16.00</b>
<b>Spring</b>		
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
ENGL-102	WRITING AND RHETORIC II	3.00
KIN-248	SPORTS MEDICINE	3.00
Program Requirements	KIN-261, KIN-262, KIN-267, KIN-268 or KIN-269	1.00

Elective	Elective Credits	3.00
<b>Credits</b>		<b>16.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Diversity	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Scientific Ways of Knowing	3.00
KIN-352	YOUTH SPORTS AND RECREATION	3.00
KIN-241	SPORTS OFFICIATING	2.00
Program Requirement	HLTH-246, HLTH-247 or HLTH-248	1.00
Elective	Elective Credits	1.00
<b>Credits</b>		<b>16.00</b>
<b>Spring</b>		
CORE	Scientific Ways of Knowing	4.00
HLTH-354	ADDICTION AND PERFORMANCE	2.00
KIN-355	STRATEGIES FOR TEACHING PHYSICAL ACTIVITIES	3.00
KIN-370	MOTOR LEARNING/MOTOR DEVELOPMENT	3.00
KIN-410	SPORTS PSYCHOLOGY	3.00
Program Requirements	KIN-261, KIN-262, KIN-267, KIN-268 or KIN-269	1.00
<b>Credits</b>		<b>16.00</b>
<b>Third Year</b>		
<b>Fall</b>		
KIN-486	ORGANIZATION AND ADMINISTRATION OF HEALTH, PHYSICAL EDUCATION, RECREATION, ATHLETICS	3.00
KIN-488	SPORT FACILITIES AND EVENT MANAGEMENT	3.00
Program Requirement	HLTH-246, HLTH-247 or HLTH-248	1.00
Program Requirement	Select KIN Selective course	3.00
Program Requirement	Select Techniques of Coaching course	2.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
HLTH-352	TECHNOLOGIES FOR HEALTH AND WELLNESS PROFESSIONALS	3.00
KIN-340	ADVANCED COACHING THEORY	2.00
KIN-381	TESTS AND MEASUREMENTS IN PHYSICAL EDUCATION	3.00
KIN-425	ETHICAL DECISION-MAKING SPORT LEADERS	3.00
KIN-487	SPORT ADMINISTRATION	3.00
<b>Credits</b>		<b>14.00</b>
<b>Fourth Year</b>		
<b>Fall</b>		
CORE	Integrative Seminar: Ethics & Values	3.00
KIN-498	SENIOR RESEARCH PROJECT I	3.00
Program Requirements	KIN-261, KIN-262, KIN-267, KIN-268 or KIN-269	1.00
Program Requirement	Select KIN Selective course	3.00
Program Requirement	Select KIN Selective course	2.00
Elective	Elective Credits	2.00
<b>Credits</b>		<b>14.00</b>
<b>Spring</b>		
KIN-494	INTERNSHIP IN KINESIOLOGY	3.00
KIN-499	RESEARCH PROJECT/SEMINAR II	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00

Elective	Elective Credits	1.00
	<b>Credits</b>	<b>13.00</b>
	<b>Total Credits</b>	<b>120.00</b>

Graduates with a BA/BS in Kinesiology go on to obtain careers in a variety of fields:

- Physical Education
- Sport Management
- Exercise and Health Psychology
- Wellness Coaching
- Athletic Training
- Coaching
- Recreation

## Kinesiology: Exercise Science & Health Occupations

The discipline of Kinesiology explores the art and science of human movement. In the Kinesiology program, students develop an appreciation of the human body and its tremendous potential, as well as an understanding of the relationship between positive lifestyle choices and long-term improvements in health and well-being. Students seeking a Bachelor's degree in Kinesiology will complete a program of study with course work in one of four emphases:

1. Exercise Science and Health Occupations
2. Health and Fitness
3. Sport Studies
4. Coaching

This emphasis area prepares students for careers in health, fitness, or wellness fields or as a pathway to graduate school. Students will study anatomy and physiology, biomechanics, and other aspects of movement science to learn practical application of movement and exercise prescription.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	
<b>Humanistic &amp; Artistic Ways of Knowing</b>		

Select one course from two categories: 6.00-8.00

**Literature**

ENGL-175	LITERATURE AND IDEAS
ENGL-257	WORLD CLASSICS
ENGL-258	INTERNATIONAL LITERATURE
ENGL-260	NATIVE AMERICAN LITERATURE
ENGL-261	MYTHOLOGIES

**Arts**

ART-100	INTRODUCTION TO ART
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE
HUM-150	INTRODUCTION TO THE ARTS
MUS-101	SURVEY OF MUSIC
MUS-102	MUSIC IN AMERICA
MUS-150	WORLD MUSIC
MUS-151	HISTORY OF MUSICAL THEATER
THEA-101	SURVEY OF THE THEATER

**Language**

NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II

**Scientific Ways of Knowing**

BIOL-227 HUMAN ANATOMY AND PHYSIOLOGY I 4.00

Select one of the following: 4.00

CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY
CHEM-111	PRINCIPLES OF CHEMISTRY I

**Social & Behavioral Ways of Knowing**

Select one course from two disciplines: 6.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ECON-201	PRINCIPLES OF MACROECONOMICS
ECON-202	PRINCIPLES OF MICROECONOMICS
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS

**Diversity**

Select one of the following: 3.00-4.00

ANTH-102	CULTURAL ANTHROPOLOGY
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ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ANTH-360	RACE AND ETHNICITY
COMM-345	INTERCULTURAL COMMUNICATION
ENGL-258	INTERNATIONAL LITERATURE
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
ID-300C	ETHICS AND IDENTITY
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
POLS-285	COMPARATIVE GOVERNMENT
SOC-101	INTRODUCTION TO SOCIOLOGY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
SS-184	DIVERSITY IN ORGANIZATIONS

**Integrative Seminar: Ethics & Values**

Select one of the following: 3.00

ID 300A - 300Z (see course descriptions for options)

ID-301A HELLS CANYON INSTITUTE

**Foreign/Heritage Language**

Select 16 credits of language if selecting Bachelor of Arts Degree 16.00

**Total Credits** 38.00-43.00

## Program Requirements

Code	Title	Credits
<b>Kinesiology Core</b>		
HLTH-352	TECHNOLOGIES FOR HEALTH AND WELLNESS PROFESSIONALS	3.00
HLTH-354	ADDICTION AND PERFORMANCE	2.00
KIN-260	INTRODUCTION TO KINESIOLOGY AND HEALTH	1.00
KIN-272	FITNESS AND WELLNESS	3.00
KIN-370	MOTOR LEARNING/MOTOR DEVELOPMENT	3.00
KIN-381	TESTS AND MEASUREMENTS IN PHYSICAL EDUCATION	3.00
KIN-486	ORGANIZATION AND ADMINISTRATION OF HEALTH, PHYSICAL EDUCATION, RECREATION, ATHLETICS	3.00
KIN-498	SENIOR RESEARCH PROJECT I	3.00
KIN-499	RESEARCH PROJECT/SEMINAR II	3.00
Select three of the following:		3.00
KIN-261	SKILL AND ANALYSIS: COURT SPORTS	
KIN-262	SKILL AND ANALYSIS: FIELD SPORTS	
KIN-267	SKILL/ANALYSIS: STRENGTH DEVELOPMENT	
KIN-268	SKILL AND ANALYSIS: CORE AND FLEXIBILITY	
KIN-269	SKILL AND ANALYSIS: EDUCATIONAL GYM&MOV	
Select one of the following:		3.00
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS	

KIN-425	ETHICAL DECISION-MAKING SPORT LEADERS	
Select two of the following:		2.00
HLTH-246	HUMAN SEXUALITY	
HLTH-247	STRESS MANAGEMENT	
HLTH-248	BEHAVIOR CHANGE	
<b>Emphasis Courses</b>		
HLTH-253	NUTRITION	3.00
KIN-248	SPORTS MEDICINE	3.00
KIN-362	BIOMECHANICS	3.00
KIN-363	PHYSIOLOGY OF EXERCISE	3.00
KIN-434	EXERCISE PRESCRIPTION	3.00
KIN-494	INTERNSHIP IN KINESIOLOGY	3.00
Select 8 credits from the following:		8.00
HLTH-248	BEHAVIOR CHANGE	
HLTH-343	SPORT NUTRITION	
HLTH-453	HEALTH PROMOTION	
HLTH-454	WELLNESS COACHING	
KIN-411	EXERCISE PSYCHOLOGY	
KIN-435	AGING AND PHYSICAL ACTIVITY	
KIN-436	PERSONAL/GROUP TRAINING CERT PREP	
KIN-467	PHYSICAL ACTIVITY AND RECREATION FOR INDIVIDUALS WITH SPECIAL NEEDS	
<b>Electives</b>		
Select 24 elective credits		24.00
<b>Total Credits</b>		<b>82.00</b>

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
CORE	Mathematical Ways of Knowing	3.00
CORE	Oral Communication	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
KIN-260	INTRODUCTION TO KINESIOLOGY AND HEALTH	1.00
KIN-272	FITNESS AND WELLNESS	3.00
<b>Credits</b>		<b>16.00</b>
<b>Spring</b>		
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
ENGL-102	WRITING AND RHETORIC II	3.00
HLTH-253	NUTRITION	3.00
Program Requirements	KIN-261, KIN-262, KIN-267, KIN-268 or KIN-269	1.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>16.00</b>
<b>Second Year</b>		
<b>Fall</b>		
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	4.00
CORE	Diversity	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
Program Requirement	HLTH-246, HLTH-247 or HLTH-248	1.00
Program Requirements	KIN-261, KIN-262, KIN-267, KIN-268 or KIN-269	1.00

Elective	Elective Credits	4.00
	<b>Credits</b>	<b>16.00</b>
<b>Spring</b>		
CHEM-105 or CHEM-111	GENERAL, ORGANIC AND BIOCHEMISTRY or PRINCIPLES OF CHEMISTRY I	4.00
HLTH-354	ADDICTION AND PERFORMANCE	2.00
KIN-248	SPORTS MEDICINE	3.00
KIN-363	PHYSIOLOGY OF EXERCISE	3.00
KIN-370	MOTOR LEARNING/MOTOR DEVELOPMENT	3.00
	<b>Credits</b>	<b>15.00</b>
<b>Third Year</b>		
<b>Fall</b>		
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS	3.00
KIN-362	BIOMECHANICS	3.00
KIN-486	ORGANIZATION AND ADMINISTRATION OF HEALTH, PHYSICAL EDUCATION, RECREATION, ATHLETICS	3.00
Program Requirement	HLTH-246, HLTH-247 or HLTH-248	1.00
Program Requirement	Select KIN Selective course	3.00
Elective	Elective Credits	3.00
	<b>Credits</b>	<b>16.00</b>
<b>Spring</b>		
HLTH-352	TECHNOLOGIES FOR HEALTH AND WELLNESS PROFESSIONALS	3.00
KIN-381	TESTS AND MEASUREMENTS IN PHYSICAL EDUCATION	3.00
KIN-434	EXERCISE PRESCRIPTION	3.00
Program Requirement	Select KIN Selective course	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	2.00
	<b>Credits</b>	<b>17.00</b>
<b>Fourth Year</b>		
<b>Fall</b>		
CORE	Integrative Seminar: Ethics & Values	3.00
KIN-498	SENIOR RESEARCH PROJECT I	3.00
Program Requirement	Select KIN Selective course	3.00
Program Requirements	KIN-261, KIN-262, KIN-267, KIN-268 or KIN-269	1.00
Elective	Elective Credits	2.00
	<b>Credits</b>	<b>12.00</b>
<b>Spring</b>		
KIN-494	INTERNSHIP IN KINESIOLOGY	3.00
KIN-499	RESEARCH PROJECT/SEMINAR II	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
	<b>Credits</b>	<b>12.00</b>
	<b>Total Credits</b>	<b>120.00</b>

Graduates with a BA/BS in Kinesiology go on to obtain careers in a variety of fields:

- Physical Education
- Sport Management
- Exercise and Health Psychology
- Wellness Coaching
- Athletic Training
- Coaching
- Recreation

## Kinesiology: Health & Fitness

The discipline of Kinesiology explores the art and science of human movement. In the Kinesiology program, students develop an appreciation of the human body and its tremendous potential, as well as an understanding of the relationship between positive lifestyle choices and long-term improvements in health and well-being. Students seeking a Bachelor's degree in Kinesiology will complete a program of study with course work in one of four emphases:

1. Exercise Science and Health Occupations
2. Health and Fitness
3. Sport Studies
4. Coaching

This emphasis area prepares students for careers in wellness coaching and the fitness industry. Students will learn knowledge and practical skills required to help individuals engage in healthy behavior practices in all components of wellness throughout the lifespan.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Arts</b>		
ART-100	INTRODUCTION TO ART	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	

MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	
THEA-101	SURVEY OF THE THEATER	
<b>Language</b>		
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
<b>Scientific Ways of Knowing</b>		
Select one from the following:		4.00
BIOL-175	HUMAN BIOLOGY	
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	
Select one additional course		3.00-4.00
CHEM-100	CONCEPTS OF CHEMISTRY	
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	
CHEM-111	PRINCIPLES OF CHEMISTRY I	
CS-108	INTRODUCTION TO COMPUTER SCIENCE	
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE	
GEOL-101	PHYSICAL GEOLOGY	
GEOL-120	INTRODUCTION TO EARTH SYSTEMS	
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS	
ID-240	INTEGRATED SCIENCE II	
NS-140	INTEGRATED SCIENCE I	
NS-150	INTRODUCTION TO NATURAL SCIENCES <sup>1</sup>	
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR	
PHYS-111	GENERAL PHYSICS I	
or PHYS-112	GENERAL PHYSICS II	
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS	
PHYS-205	DESCRIPTIVE ASTRONOMY	
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I	
<b>Social &amp; Behavioral Ways of Knowing</b>		
Select one course from two disciplines:		6.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	
POLS-101	AMERICAN NATIONAL GOVERNMENT	
POLS-237	INTERNATIONAL POLITICS	
POLS-285	COMPARATIVE GOVERNMENT	
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SOC-102	SOCIAL PROBLEMS	
SS-184	DIVERSITY IN ORGANIZATIONS	

SS-185	HUMAN RELATIONS IN ORGANIZATIONS	
<b>Diversity</b>		
Select one of the following:		3.00-4.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ANTH-360	RACE AND ETHNICITY	
COMM-345	INTERCULTURAL COMMUNICATION	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
ID-300C	ETHICS AND IDENTITY	
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS	
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
POLS-285	COMPARATIVE GOVERNMENT	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
SPAN-201	INTERMEDIATE SPANISH I	
SPAN-202	INTERMEDIATE SPANISH II	
SS-184	DIVERSITY IN ORGANIZATIONS	
<b>Integrative Seminar: Ethics &amp; Values</b>		
Select one of the following:		3.00
ID 300A - 300Z (see course descriptions for options)		
ID-301A	HELLS CANYON INSTITUTE	
<b>Foreign/Heritage Language</b>		
Select 16 credits of language if selecting Bachelor of Arts Degree		16.00
<b>Total Credits</b>		<b>37.00-43.00</b>

## Program Requirements

Code	Title	Credits
<b>Kinesiology Core</b>		
HLTH-352	TECHNOLOGIES FOR HEALTH AND WELLNESS PROFESSIONALS	3.00
HLTH-354	ADDICTION AND PERFORMANCE	2.00
KIN-260	INTRODUCTION TO KINESIOLOGY AND HEALTH	1.00
KIN-272	FITNESS AND WELLNESS	3.00
KIN-370	MOTOR LEARNING/MOTOR DEVELOPMENT	3.00
KIN-381	TESTS AND MEASUREMENTS IN PHYSICAL EDUCATION	3.00
KIN-486	ORGANIZATION AND ADMINISTRATION OF HEALTH, PHYSICAL EDUCATION, RECREATION, ATHLETICS	3.00
KIN-498	SENIOR RESEARCH PROJECT I	3.00
KIN-499	RESEARCH PROJECT/SEMINAR II	3.00
Select three of the following:		3.00
KIN-261	SKILL AND ANALYSIS: COURT SPORTS	
KIN-262	SKILL AND ANALYSIS: FIELD SPORTS	
KIN-267	SKILL/ANALYSIS: STRENGTH DEVELOPMENT	

KIN-268	SKILL AND ANALYSIS: CORE AND FLEXIBILITY	
KIN-269	SKILL AND ANALYSIS: EDUCATIONAL GYM&MOV	
Select one of the following:		3.00
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS	
KIN-425	ETHICAL DECISION-MAKING SPORT LEADERS	
Select two of the following:		2.00
HLTH-246	HUMAN SEXUALITY	
HLTH-247	STRESS MANAGEMENT	
HLTH-248	BEHAVIOR CHANGE	
<b>Emphasis Courses</b>		
HLTH-248	BEHAVIOR CHANGE	1.00
HLTH-253	NUTRITION	3.00
HLTH-343	SPORT NUTRITION	3.00
HLTH-453	HEALTH PROMOTION	3.00
HLTH-454	WELLNESS COACHING	2.00
KIN-248	SPORTS MEDICINE	3.00
KIN-355	STRATEGIES FOR TEACHING PHYSICAL ACTIVITIES	3.00
KIN-434	EXERCISE PRESCRIPTION	3.00
KIN-435	AGING AND PHYSICAL ACTIVITY	3.00
KIN-436	PERSONAL/GROUP TRAINING CERT PREP	3.00
KIN-494	INTERNSHIP IN KINESIOLOGY	3.00
Select one of the following:		3.00
HLTH-342	COMMUNITY HEALTH	
KIN-411	EXERCISE PSYCHOLOGY	
KIN-467	PHYSICAL ACTIVITY AND RECREATION FOR INDIVIDUALS WITH SPECIAL NEEDS	
<b>Electives</b>		
Select 18 elective credits		18.00
<b>Total Credits</b>		<b>83.00</b>

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
CORE	Mathematical Ways of Knowing	3.00
CORE	Oral Communication	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
HLTH-248	BEHAVIOR CHANGE	1.00
KIN-260	INTRODUCTION TO KINESIOLOGY AND HEALTH	1.00
KIN-272	FITNESS AND WELLNESS	3.00
<b>Credits</b>		<b>14.00</b>
<b>Spring</b>		
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
ENGL-102	WRITING AND RHETORIC II	3.00
HLTH-253	NUTRITION	3.00
HLTH-343	SPORT NUTRITION	3.00
Program Requirements	KIN-261, KIN-262, KIN-267, KIN-268 or KIN-269	1.00
<b>Credits</b>		<b>16.00</b>
<b>Second Year</b>		
<b>Fall</b>		
BIOL-175 or BIOL-227	HUMAN BIOLOGY or HUMAN ANATOMY AND PHYSIOLOGY I	4.00

CORE	Diversity	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Scientific Ways of Knowing	3.00
HLTH-246	HUMAN SEXUALITY	1.00
Program Requirements	KIN-261, KIN-262, KIN-267, KIN-268 or KIN-269	1.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
CORE	Social & Behavioral Ways of Knowing	3.00
HLTH-354	ADDICTION AND PERFORMANCE	2.00
KIN-248	SPORTS MEDICINE	3.00
KIN-355	STRATEGIES FOR TEACHING PHYSICAL ACTIVITIES	3.00
KIN-370	MOTOR LEARNING/MOTOR DEVELOPMENT	3.00
<b>Credits</b>		<b>14.00</b>
<b>Third Year</b>		
<b>Fall</b>		
HLTH-247	STRESS MANAGEMENT	1.00
HLTH-453	HEALTH PROMOTION	3.00
HLTH-454	WELLNESS COACHING	2.00
KIN-220 or KIN-425	SOCIAL-CULTURAL ASPECTS OF SPORTS or ETHICAL DECISION-MAKING SPORT LEADERS	3.00
KIN-486	ORGANIZATION AND ADMINISTRATION OF HEALTH, PHYSICAL EDUCATION, RECREATION, ATHLETICS	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
HLTH-352	TECHNOLOGIES FOR HEALTH AND WELLNESS PROFESSIONALS	3.00
KIN-434	EXERCISE PRESCRIPTION	3.00
KIN-435	AGING AND PHYSICAL ACTIVITY	3.00
KIN-381	TESTS AND MEASUREMENTS IN PHYSICAL EDUCATION	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Fourth Year</b>		
<b>Fall</b>		
CORE	Integrative Seminar: Ethics & Values	3.00
KIN-436	PERSONAL/GROUP TRAINING CERT PREP	3.00
KIN-498	SENIOR RESEARCH PROJECT I	3.00
Program Requirements	KIN-261, KIN-262, KIN-267, KIN-268 or KIN-269	1.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>16.00</b>
<b>Spring</b>		
KIN-494	INTERNSHIP IN KINESIOLOGY	3.00
KIN-499	RESEARCH PROJECT/SEMINAR II	3.00
Program Requirements	HLTH-342, KIN-411 or KIN-467	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>120.00</b>

Graduates with a BA/BS in Kinesiology go on to obtain careers in a variety of fields:

- Physical Education
- Sport Management



- Exercise and Health Psychology
- Wellness Coaching
- Athletic Training
- Coaching
- Recreation

## Kinesiology: Secondary Education BA/BS

The Teacher Education program prepares candidates for certification in grades K-12. The Secondary Education program requires 27 credits of Education course work in professional foundations and studies and 13 credits during internship. Students apply for admission to the program after successfully completing nine credits of Education course work in professional foundations. During the course of the studies, candidates may be asked to reapply to the program if their GPA falls below 3.0.

Teaching endorsement areas are attached to a Standard Instructional Certificate (grades K-12), according to Idaho Teacher Certification standards. All endorsements require a minimum of 45 semester credits, with the exception of dual endorsements where 30 semester for a major endorsement and 20 semester credits for a minor endorsement is required. The following LC State areas are approved for teaching field majors: Biology, Chemistry, Communication Arts, Earth Science, English; Kinesiology-Physical Education K-12 and Health 6-12; Mathematics; Natural Sciences; Psychology; and Social Science with a History emphasis (see degree requirements for each major). Teacher candidates must successfully pass the related Praxis II exam in their teaching content area(s).

For marketability purposes, students are encouraged to pursue endorsements and minors in a second teaching field; consult with an advisor for the proper procedure. Secondary Education majors must have a content area advisor and a Secondary Education advisor.

Graduates from other colleges or universities seeking secondary teacher certification must fulfill all Secondary Education professional course work requirements in addition to meeting all academic major or minor teaching field requirements for subject area endorsement.

Students in the Teacher Education Certification program are expected to provide evidence through performance that they have met Idaho's requirements for certification and become dedicated and knowledgeable professionals, content specialists, competent educational designers, capable educational facilitators, insightful educational evaluators, reflective professionals, and culturally responsive professionals before being recommended for teacher certification.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
COMM-204	PUBLIC SPEAKING	3.00
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	

ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Arts</b>		
ART-100	INTRODUCTION TO ART	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES	
THEA-101	SURVEY OF THE THEATER	
<b>Language</b>		
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
<b>Scientific Ways of Knowing</b>		
Select one of the following:		4.00
BIOL-175	HUMAN BIOLOGY	
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	
Select one of the following:		3.00-4.00
CHEM-100	CONCEPTS OF CHEMISTRY	
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	
CHEM-111	PRINCIPLES OF CHEMISTRY I	
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE	
CS-108	INTRODUCTION TO COMPUTER SCIENCE	
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE	
GEOL-101	PHYSICAL GEOLOGY	
GEOL-120	INTRODUCTION TO EARTH SYSTEMS	
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS	
ID-240	INTEGRATED SCIENCE II	
NS-140	INTEGRATED SCIENCE I	
NS-150	INTRODUCTION TO NATURAL SCIENCES	
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR	
PHYS-111	GENERAL PHYSICS I	
or PHYS-112	GENERAL PHYSICS II	
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS	
PHYS-205	DESCRIPTIVE ASTRONOMY	
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I	
<b>Social &amp; Behavioral Ways of Knowing</b>		
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	3.00
Select one of the following:		3.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	

HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS

**Diversity**

Select one of the following: 3.00-4.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ANTH-360	RACE AND ETHNICITY
COMM-345	INTERCULTURAL COMMUNICATION
ENGL-258	INTERNATIONAL LITERATURE
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
ID-300C	ETHICS AND IDENTITY
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
POLS-285	COMPARATIVE GOVERNMENT
SOC-101	INTRODUCTION TO SOCIOLOGY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
SS-184	DIVERSITY IN ORGANIZATIONS

**Integrative Seminar: Ethics & Values**

Select one of the following: 3.00

ID 300A - 300Z (see course descriptions for options)	
ID-301A	HELLS CANYON INSTITUTE

**Foreign/Heritage Language**

Select 16 credits of language if selecting Bachelor of Arts Degree 16.00

**Total Credits****37.00-43.00**

## Program Requirements

Secondary certification candidates must meet the graduation requirements for their major and the Secondary Teacher Education Program and must have two advisors. (see below)

Code	Title	Credits
<b>Kinesiology Program</b>		
KIN/ED-216	PHYSICAL EDUCATION FOR THE ELEMENTARY TEACHER	2.00
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS	3.00

KIN-248	SPORTS MEDICINE	3.00
KIN-260	INTRODUCTION TO KINESIOLOGY AND HEALTH	1.00
KIN-261	SKILL AND ANALYSIS: COURT SPORTS	1.00
KIN-262	SKILL AND ANALYSIS: FIELD SPORTS	1.00
KIN-267	SKILL/ANALYSIS: STRENGTH DEVELOPMENT	1.00
KIN-269	SKILL AND ANALYSIS: EDUCATIONAL GYM&MOV	1.00
KIN-355	STRATEGIES FOR TEACHING PHYSICAL ACTIVITIES	3.00
KIN-362	BIOMECHANICS	3.00
KIN-363	PHYSIOLOGY OF EXERCISE	3.00
KIN-370	MOTOR LEARNING/MOTOR DEVELOPMENT	3.00
KIN-381	TESTS AND MEASUREMENTS IN PHYSICAL EDUCATION	3.00
KIN-467	PHYSICAL ACTIVITY AND RECREATION FOR INDIVIDUALS WITH SPECIAL NEEDS	3.00
KIN-472	OUTDOOR EDUCATION	3.00
KIN-486	ORGANIZATION AND ADMINISTRATION OF HEALTH, PHYSICAL EDUCATION, RECREATION, ATHLETICS	3.00
HLTH-245	DEATH AND DYING <sup>1</sup>	1.00
HLTH-246	HUMAN SEXUALITY <sup>1</sup>	1.00
HLTH-247	STRESS MANAGEMENT <sup>1</sup>	1.00
HLTH-253	NUTRITION	3.00
HLTH-272	FITNESS AND WELLNESS <sup>1</sup>	3.00
HLTH-342	COMMUNITY HEALTH <sup>1</sup>	3.00
HLTH-354	ADDICTION AND PERFORMANCE <sup>1</sup>	2.00

**Secondary Education Certificate**

See Secondary Education Certificate Requirements below

**Total Credits** **51.00**

<sup>1</sup> See Catalog section "Teacher Education Division: Secondary Teacher Certification" regarding certification requirements for this major. Specific health courses required for Health 6-12 endorsement. Selective course choices could be affected.

## Secondary Education Certificate Requirements

Application for admission to the Teacher Education Program is required after successful completion of the first three Phase I courses.

Code	Title	Credits
<b>Phase I - Professional Foundations of Education</b>		
ED-214	PRINCIPLES OF EDUCATION <sup>1</sup>	3.00
ED-225	TECHNOLOGIES FOR TEACHING, K-12	3.00
ED-318	ASSESSMENT OF LEARNING <sup>1</sup>	3.00
ED-321	EDUCATIONAL PSYCHOLOGY <sup>1</sup>	3.00
ED-345	CULTURALLY RELEVANT TEACHING	3.00
SE-322	INCLUSION STRATEGIES K-12	3.00
<b>Phase II - Professional Studies in Education</b>		
ED-445	INSTRUCTIONAL STRATEGIES AND CLASSROOM MANAGEMENT, 6-12	3.00
ED-447	TEACHING METHODS IN THE CONTENT AREA	2.00
RE-309	DISCIPLINARY LITERACY	3.00
<b>Phase III - Instructional Methods in Education</b>		
ED-452	INTERNSHIP SEMINAR	1.00
ED-461	PROFESSIONAL INTERNSHIP IN EDUCATION K-12	3.00-12.00
<b>Total Credits</b>		<b>30.00-39.00</b>

<sup>1</sup> Additional Content Methods course required for Health endorsement. See advisor for assistance.

No grade lower than a "C-" will be accepted in any General Education core, Content Major, or 200-level Professional Foundations course. No grade lower than a "B-" will be accepted in any 300- or 400-level courses in Secondary Education.

A minimum cumulative GPA of 3.0 is required for admission into the Secondary Teacher Education Program. Candidates must also maintain a 3.0 cumulative GPA in their content area classes.

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
CORE	Mathematical Ways of Knowing	3.00-5.00
COMM-204	PUBLIC SPEAKING	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
HLTH-247	STRESS MANAGEMENT	1.00
HLTH/KIN-272	FITNESS AND WELLNESS	3.00
KIN-260	INTRODUCTION TO KINESIOLOGY AND HEALTH	1.00
KIN-262	SKILL AND ANALYSIS: FIELD SPORTS	1.00
KIN-269	SKILL AND ANALYSIS: EDUCATIONAL GYM&MOV	1.00
<b>Credits</b>		<b>16.00-18.00</b>
<b>Spring</b>		
CORE	Scientific Ways of Knowing	3.00
ENGL-102	WRITING AND RHETORIC II	3.00
KIN-216	PHYSICAL EDUCATION FOR THE ELEMENTARY TEACHER	2.00
KIN-267	SKILL/ANALYSIS: STRENGTH DEVELOPMENT	1.00
KIN-261	SKILL AND ANALYSIS: COURT SPORTS	1.00
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	3.00
<b>Credits</b>		<b>13.00</b>
<b>Second Year</b>		
<b>Fall</b>		
BIOL-175 or BIOL-227	HUMAN BIOLOGY or HUMAN ANATOMY AND PHYSIOLOGY I	4.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
KIN-370	MOTOR LEARNING/MOTOR DEVELOPMENT	3.00
KIN-472	OUTDOOR EDUCATION	3.00
<b>Credits</b>		<b>16.00</b>
<b>Spring</b>		
CORE	Diversity	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
HLTH-245	DEATH AND DYING	1.00
HLTH-246	HUMAN SEXUALITY	1.00
HLTH-354	ADDICTION AND PERFORMANCE	2.00
KIN-352	YOUTH SPORTS AND RECREATION	3.00
<b>Credits</b>		<b>13.00</b>
<b>Third Year</b>		
<b>Fall</b>		
HLTH-253	NUTRITION	3.00
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS	3.00
KIN-248	SPORTS MEDICINE	3.00
KIN-362	BIOMECHANICS	3.00
KIN-381	TESTS AND MEASUREMENTS IN PHYSICAL EDUCATION	3.00
<b>Credits</b>		<b>15.00</b>

**Spring**

CORE	Integrative Seminar: Ethics & Values	3.00
HLTH-342	COMMUNITY HEALTH	3.00
KIN-363	PHYSIOLOGY OF EXERCISE	3.00
KIN-467	PHYSICAL ACTIVITY AND RECREATION FOR INDIVIDUALS WITH SPECIAL NEEDS	3.00
KIN-486	ORGANIZATION AND ADMINISTRATION OF HEALTH, PHYSICAL EDUCATION, RECREATION, ATHLETICS	3.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>88.00-90.00</b>

Graduates with a BA/BS in Kinesiology with Secondary Education go on to obtain careers in a variety of fields:

- Physical Education Teacher
- Health Teacher
- Adult and Continuing Education
- Training Specialist
- Business and Industry
- Instructional Coach
- Health/Wellness Coach
- Athletic Coach

## Kinesiology: Sports Studies

The discipline of Kinesiology explores the art and science of human movement. In the Kinesiology program, students develop an appreciation of the human body and its tremendous potential, as well as an understanding of the relationship between positive lifestyle choices and long-term improvements in health and well-being. Students seeking a Bachelor's degree in Kinesiology will complete a program of study with course work in one of four emphases:

1. Exercise Science and Health Occupations
2. Health and Fitness
3. Sport Studies
4. Coaching

This emphasis area encompasses a general knowledge of kinesiology and sport with a focus on social and community relations in sport. Students learn the role of and examine sport in society from historical, psychological, sociological and philosophical perspectives. This emphasis area prepares students for jobs in sport or as a pathway to graduate school in areas like Sport Psychology, Sport Sociology, History and Philosophy of Sport, or Sport Management.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	

MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY
MATH-153	STATISTICAL REASONING
MATH-170	CALCULUS I
MATH-253	STATISTICAL METHODS FOR THE SCIENCES
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II
MTHPT-130	FINITE MATHEMATICS
MTHPT-137	MATH FOR TECHNOLOGY
MTHPT-153	STATISTICAL REASONING

#### Humanistic & Artistic Ways of Knowing

Select one course from two categories: 6.00-8.00

##### Literature

ENGL-175	LITERATURE AND IDEAS
ENGL-257	WORLD CLASSICS
ENGL-258	INTERNATIONAL LITERATURE
ENGL-260	NATIVE AMERICAN LITERATURE
ENGL-261	MYTHOLOGIES

##### Arts

ART-100	INTRODUCTION TO ART
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE
HUM-150	INTRODUCTION TO THE ARTS
MUS-101	SURVEY OF MUSIC
MUS-102	MUSIC IN AMERICA
MUS-150	WORLD MUSIC
MUS-151	HISTORY OF MUSICAL THEATER
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES
THEA-101	SURVEY OF THE THEATER

##### Language

NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II

#### Scientific Ways of Knowing

Select one course from two disciplines; one lab 7.00-8.00

BIOF-100	INTRODUCTION TO BIOINFORMATICS
BIOL-100	CONCEPTS OF BIOLOGY
BIOL-120	PLANTS AND PEOPLE
BIOL-123	BIOLOGY IN FILM
BIOL-175	HUMAN BIOLOGY
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I
CHEM-100	CONCEPTS OF CHEMISTRY
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY
CHEM-111	PRINCIPLES OF CHEMISTRY I
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE
CS-108	INTRODUCTION TO COMPUTER SCIENCE
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOL-101	PHYSICAL GEOLOGY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
ID-240	INTEGRATED SCIENCE II
NS-140	INTEGRATED SCIENCE I
NS-150	INTRODUCTION TO NATURAL SCIENCES <sup>1</sup>
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR

PHYS-111	GENERAL PHYSICS I
or PHYS-112	GENERAL PHYSICS II
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS
PHYS-205	DESCRIPTIVE ASTRONOMY
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I

**Social & Behavioral Ways of Knowing**

Select one course from two disciplines: 6.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ECON-201	PRINCIPLES OF MACROECONOMICS
ECON-202	PRINCIPLES OF MICROECONOMICS
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS

**Diversity**

Select one of the following: 3.00-4.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ANTH-360	RACE AND ETHNICITY
COMM-345	INTERCULTURAL COMMUNICATION
ENGL-258	INTERNATIONAL LITERATURE
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
ID-300C	ETHICS AND IDENTITY
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
POLS-285	COMPARATIVE GOVERNMENT
SOC-101	INTRODUCTION TO SOCIOLOGY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I



SPAN-202	INTERMEDIATE SPANISH II	
SS-184	DIVERSITY IN ORGANIZATIONS	
<b>Integrative Seminar: Ethics &amp; Values</b>		
Select one of the following:		3.00
ID 300A - 300Z (see course descriptions for options)		
ID-301A	HELLS CANYON INSTITUTE	
<b>Foreign/Heritage Language</b>		
Select 16 credits of language if selecting Bachelor of Arts Degree		16.00
<b>Total Credits</b>		<b>37.00-43.00</b>

## Program Requirements

Code	Title	Credits
<b>Kinesiology Core</b>		
HLTH-352	TECHNOLOGIES FOR HEALTH AND WELLNESS PROFESSIONALS	3.00
HLTH-354	ADDICTION AND PERFORMANCE	2.00
KIN-260	INTRODUCTION TO KINESIOLOGY AND HEALTH	1.00
KIN-272	FITNESS AND WELLNESS	3.00
KIN-370	MOTOR LEARNING/MOTOR DEVELOPMENT	3.00
KIN-381	TESTS AND MEASUREMENTS IN PHYSICAL EDUCATION	3.00
KIN-486	ORGANIZATION AND ADMINISTRATION OF HEALTH, PHYSICAL EDUCATION, RECREATION, ATHLETICS	3.00
KIN-498	SENIOR RESEARCH PROJECT I	3.00
KIN-499	RESEARCH PROJECT/SEMINAR II	3.00
Select three of the following:		3.00
KIN-261	SKILL AND ANALYSIS: COURT SPORTS	
KIN-262	SKILL AND ANALYSIS: FIELD SPORTS	
KIN-267	SKILL/ANALYSIS: STRENGTH DEVELOPMENT	
KIN-268	SKILL AND ANALYSIS: CORE AND FLEXIBILITY	
KIN-269	SKILL AND ANALYSIS: EDUCATIONAL GYM&MOV	
Select one of the following:		3.00
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS	
KIN-425	ETHICAL DECISION-MAKING SPORT LEADERS	
Select two of the following:		2.00
HLTH-246	HUMAN SEXUALITY	
HLTH-247	STRESS MANAGEMENT	
HLTH-248	BEHAVIOR CHANGE	
<b>Emphasis Courses</b>		
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS	3.00
or KIN-425	ETHICAL DECISION-MAKING SPORT LEADERS	
KIN-221	HISTORY OF SPORT	3.00
KIN-352	YOUTH SPORTS AND RECREATION	3.00
KIN-410	SPORTS PSYCHOLOGY	3.00
KIN-421	PHILOSOPHY OF SPORT	3.00
KIN-484	COMMUNITY RELATIONS IN SPORT	3.00
KIN-485	SPORT LAW	3.00
KIN-494	INTERNSHIP IN KINESIOLOGY	3.00
Select one of the following:		3.00
KIN-487	SPORT ADMINISTRATION	
KIN-488	SPORT FACILITIES AND EVENT MANAGEMENT	
<b>Electives</b>		

Select 24 elective credits	24.00
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<b>Total Credits</b>	<b>83.00</b>
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## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
CORE	Mathematical Ways of Knowing	3.00
CORE	Oral Communication	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
KIN-260	INTRODUCTION TO KINESIOLOGY AND HEALTH	1.00
KIN-272	FITNESS AND WELLNESS	3.00
<b>Credits</b>		<b>16.00</b>
<b>Spring</b>		
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
ENGL-102	WRITING AND RHETORIC II	3.00
Program Requirements	KIN-261, KIN-262, KIN-267, KIN-268 or KIN-269	1.00
Elective	Elective Credits	4.00
<b>Credits</b>		<b>14.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Diversity	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Scientific Ways of Knowing	3.00
KIN-352	YOUTH SPORTS AND RECREATION	3.00
Program Requirement	HLTH-246, HLTH-247 or HLTH-248	1.00
Program Requirements	KIN-261, KIN-262, KIN-267, KIN-268 or KIN-269	1.00
Elective	Elective Credits	1.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
CORE	Select Lab Course from Scientific Ways of Knowing	4.00
HLTH-354	ADDICTION AND PERFORMANCE	2.00
KIN-421	PHILOSOPHY OF SPORT	3.00
KIN-370	MOTOR LEARNING/MOTOR DEVELOPMENT	3.00
KIN-410	SPORTS PSYCHOLOGY	3.00
<b>Credits</b>		<b>15.00</b>
<b>Third Year</b>		
<b>Fall</b>		
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS	3.00
KIN-485	SPORT LAW	3.00
KIN-486	ORGANIZATION AND ADMINISTRATION OF HEALTH, PHYSICAL EDUCATION, RECREATION, ATHLETICS	3.00
KIN-487 or KIN-488	SPORT ADMINISTRATION or SPORT FACILITIES AND EVENT MANAGEMENT	3.00
Program Requirement	HLTH-246, HLTH-247 or HLTH-248	1.00
Program Requirement	Select KIN Selective course	3.00
<b>Credits</b>		<b>16.00</b>
<b>Spring</b>		
HLTH-352	TECHNOLOGIES FOR HEALTH AND WELLNESS PROFESSIONALS	3.00
KIN-381	TESTS AND MEASUREMENTS IN PHYSICAL EDUCATION	3.00

KIN-425	ETHICAL DECISION-MAKING SPORT LEADERS	3.00
KIN-484	COMMUNITY RELATIONS IN SPORT	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Fourth Year</b>		
<b>Fall</b>		
CORE	Integrative Seminar: Ethics & Values	3.00
KIN-498	SENIOR RESEARCH PROJECT I	3.00
Program Requirement	Select KIN Selective course	3.00
Program Requirements	KIN-261, KIN-262, KIN-267, KIN-268 or KIN-269	1.00
Elective	Elective Credits	4.00
<b>Credits</b>		<b>14.00</b>
<b>Spring</b>		
KIN-494	INTERNSHIP IN KINESIOLOGY	3.00
KIN-499	RESEARCH PROJECT/SEMINAR II	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>120.00</b>

Graduates with a BA/BS in Kinesiology go on to obtain careers in a variety of fields:

- Physical Education
- Sport Management
- Sport Psychology
- Exercise and Health Psychology
- Wellness Coaching
- Athletic Training
- Coaching
- Recreation

## Liberal Arts - Natural Science & Mathematics AA

The Associate of Arts Liberal Arts with an emphasis in Natural Sciences and Mathematics requires completion of 64 credits which must include the General Education Core plus 18 ± 24 credits in Science and/or Mathematics courses taken from subjects in the Physical, Life, Movement and Sport Sciences Division. This degree provides a solid liberal arts foundation accompanied by strong preparation in Science and Math. Completion of this degree prepares students to continue in multiple science baccalaureate programs as well as programs in health sciences.

### General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	

MATH-130	FINITE MATHEMATICS
MATH-143	COLLEGE ALGEBRA
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY
MATH-153	STATISTICAL REASONING
MATH-170	CALCULUS I
MATH-253	STATISTICAL METHODS FOR THE SCIENCES
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II
MTHPT-130	FINITE MATHEMATICS
MTHPT-137	MATH FOR TECHNOLOGY
MTHPT-153	STATISTICAL REASONING

**Humanistic & Artistic Ways of Knowing**

Select one course from two categories: 6.00-8.00

**Literature**

ENGL-175	LITERATURE AND IDEAS
ENGL-257	WORLD CLASSICS
ENGL-258	INTERNATIONAL LITERATURE
ENGL-260	NATIVE AMERICAN LITERATURE
ENGL-261	MYTHOLOGIES

**Arts**

ART-100	INTRODUCTION TO ART
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE
HUM-150	INTRODUCTION TO THE ARTS
MUS-101	SURVEY OF MUSIC
MUS-102	MUSIC IN AMERICA
MUS-150	WORLD MUSIC
MUS-151	HISTORY OF MUSICAL THEATER
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES
THEA-101	SURVEY OF THE THEATER

**Language**

NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II

**Scientific Ways of Knowing**

Select one course from two disciplines; one lab 7.00-8.00

BIOF-100	INTRODUCTION TO BIOINFORMATICS
BIOL-100	CONCEPTS OF BIOLOGY
BIOL-120	PLANTS AND PEOPLE
BIOL-123	BIOLOGY IN FILM
BIOL-175	HUMAN BIOLOGY
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I
CHEM-100	CONCEPTS OF CHEMISTRY
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY
CHEM-111	PRINCIPLES OF CHEMISTRY I
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE
CS-108	INTRODUCTION TO COMPUTER SCIENCE
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOL-101	PHYSICAL GEOLOGY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
ID-240	INTEGRATED SCIENCE II
NS-140	INTEGRATED SCIENCE I

NS-150	INTRODUCTION TO NATURAL SCIENCES <sup>1</sup>
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR
PHYS-111 or PHYS-112	GENERAL PHYSICS I GENERAL PHYSICS II
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS
PHYS-205	DESCRIPTIVE ASTRONOMY
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I

**Social & Behavioral Ways of Knowing**

Select one course from two disciplines: 6.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ECON-201	PRINCIPLES OF MACROECONOMICS
ECON-202	PRINCIPLES OF MICROECONOMICS
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS

**Diversity**

Select one of the following: 3.00-4.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ANTH-360	RACE AND ETHNICITY
COMM-345	INTERCULTURAL COMMUNICATION
ENGL-258	INTERNATIONAL LITERATURE
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
ID-300C	ETHICS AND IDENTITY
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
POLS-285	COMPARATIVE GOVERNMENT
SOC-101	INTRODUCTION TO SOCIOLOGY
SPAN-101	ELEMENTARY SPANISH I

SPAN-102	ELEMENTARY SPANISH II	
SPAN-201	INTERMEDIATE SPANISH I	
SPAN-202	INTERMEDIATE SPANISH II	
SS-184	DIVERSITY IN ORGANIZATIONS	
<b>Integrative Seminar: Ethics &amp; Values</b>		
Select one of the following:		3.00
ID 300A - 300Z (see course descriptions for options)		
ID-301A	HELLS CANYON INSTITUTE	
<b>Foreign/Heritage Language</b>		
Select 16 credits of language if selecting Bachelor of Arts Degree		16.00
<b>Total Credits</b>		<b>37.00-43.00</b>

## Major Courses

Code	Title	Credits
<b>Natural Science Emphasis Requirements</b>		
Select six courses from one or more of the following disciplines: BIOL, CHEM, CS, ENGR, GEOL, GIS, MATH, PHYS		23.00
<b>Total Credits</b>		<b>23.00</b>

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
CORE	Oral Communication	3.00
CORE	Scientific Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
Elective	Elective Credits	2.00
<b>Credits</b>		<b>14.00</b>
<b>Spring</b>		
ENGL-102	WRITING AND RHETORIC II	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Scientific Ways of Knowing	4.00
CORE	Social & Behavioral Ways of Knowing	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>16.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Mathematical Ways of Knowing	3.00
CORE	Diversity	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Integrative Seminar: Ethics & Values	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>60.00</b>

Graduates with an AA in Liberal Arts: Natural Science go on to obtain careers in a variety of fields:

- Wildlife and land management
- Not-for-Profit agencies
- Research Assistant

## Natural Science: Secondary Education BA/BS

The Teacher Education program prepares candidates for certification in grades K-12. The Secondary Education program requires 27 credits of Education course work in professional foundations and studies and 13 credits during internship. Students apply for admission to the program after successfully completing nine credits of Education course work in professional foundations. During the course of the studies, candidates may be asked to reapply to the program if their GPA falls below 3.0.

Teaching endorsement areas are attached to a Standard Instructional Certificate (grades K-12), according to Idaho Teacher Certification standards. All endorsements require a minimum of 45 semester credits, with the exception of dual endorsements where 30 semester for a major endorsement and 20 semester credits for a minor endorsement is required. The following LC State areas are approved for teaching field majors: Biology, Chemistry, Communication Arts, Earth Science, English; Kinesiology-Physical Education K-12 and Health 6-12; Mathematics; Natural Sciences; Psychology; and Social Science with a History emphasis (see degree requirements for each major). Teacher candidates must successfully pass the related Praxis II exam in their teaching content area(s).

For marketability purposes, students are encouraged to pursue endorsements and minors in a second teaching field; consult with an advisor for the proper procedure. Secondary Education majors must have a content area advisor and a Secondary Education advisor.

Graduates from other colleges or universities seeking secondary teacher certification must fulfill all Secondary Education professional course work requirements in addition to meeting all academic major or minor teaching field requirements for subject area endorsement.

Students in the Teacher Education Certification program are expected to provide evidence through performance that they have become dedicated and knowledgeable professionals, content specialists, competent educational designers, capable educational facilitators, insightful educational evaluators, reflective professionals, and culturally responsive professionals before being recommended for teacher certification.

## Advising

Secondary Teacher Education candidates must have two advisors; one for their academic major and one for teacher education.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Arts</b>		
ART-100	INTRODUCTION TO ART	

HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES	
THEA-101	SURVEY OF THE THEATER	
<b>Language</b>		
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
<b>Scientific Ways of Knowing</b>		
CHEM-111	PRINCIPLES OF CHEMISTRY I	4.00
NS-150	INTRODUCTION TO NATURAL SCIENCES	3.00
<b>Social &amp; Behavioral Ways of Knowing</b>		
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	3.00
Select one of the following:		3.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	
POLS-101	AMERICAN NATIONAL GOVERNMENT	
POLS-237	INTERNATIONAL POLITICS	
POLS-285	COMPARATIVE GOVERNMENT	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SOC-102	SOCIAL PROBLEMS	
SS-184	DIVERSITY IN ORGANIZATIONS	
SS-185	HUMAN RELATIONS IN ORGANIZATIONS	
<b>Diversity</b>		
Select one of the following:		3.00-4.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ANTH-360	RACE AND ETHNICITY	
COMM-345	INTERCULTURAL COMMUNICATION	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	



HRPT-184	DIVERSITY IN ORGANIZATIONS
ID-300C	ETHICS AND IDENTITY
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
POLS-285	COMPARATIVE GOVERNMENT
SOC-101	INTRODUCTION TO SOCIOLOGY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
SS-184	DIVERSITY IN ORGANIZATIONS

**Integrative Seminar: Ethics & Values**

Select one of the following: 3.00

ID 300A - 300Z (see course descriptions for options)

ID-301A HELLS CANYON INSTITUTE

**Foreign/Heritage Language**

Select 16 credits of language if selecting Bachelor of Arts Degree 16.00

**Total Credits****37.00-42.00**

## Program Requirements

Secondary certification candidates must meet the graduation requirements for their major and the Secondary Teacher Education Program and must have two advisors. (see below)

Code	Title	Credits
<b>Natural Science Program</b>		
BIOL-181	ECOLOGY, EVOLUTION, DIVERSITY OF LIFE	4.00
BIOL-182	CONCEPTS IN CELLULAR MECHANISMS	4.00
CHEM-112	PRINCIPLES OF CHEMISTRY II	4.00
GEOL-101	PHYSICAL GEOLOGY	4.00
or GEOL-120	INTRODUCTION TO EARTH SYSTEMS	
GEOL-202	HISTORICAL GEOLOGY	4.00
PHYS-111	GENERAL PHYSICS I	4.00
PHYS-112	GENERAL PHYSICS II	4.00
PHYS-205	DESCRIPTIVE ASTRONOMY	4.00
MATH-144	TRIGONOMETRY	2.00
Select one of the following:		4.00
CS-108	INTRODUCTION TO COMPUTER SCIENCE	
CS-111	FOUNDATIONS OF PROGRAMMING	
<b>Area of Emphasis</b>		
Select 12 credits from one emphasis below		12.00
<b>Secondary Education Certificate</b>		
See Secondary Education Certificate Requirements below		
<b>Total Credits</b>		<b>50.00</b>

<sup>1</sup> Additional requirements must be met for teacher certification. See your Teacher Education Division advisor for details.

## Areas of Emphasis

### Biology Emphasis

Code	Title	Credits
BIOL-213	PLANT AND ANIMAL FORM AND FUNCTION	4.00
Select 8 credits from BIOL from the 200/300/400 level		8.00
<b>Total Credits</b>		<b>12.00</b>

### Chemistry Emphasis

Code	Title	Credits
CHEM-371	ORGANIC CHEMISTRY I	3.00
CHEM-373	ORGANIC CHEMISTRY I LAB	1.00
Select 4 credits from CHEM from the 300/400 level		4.00
Select one of the following:		4.00
CHEM-325	QUANTITATIVE ANALYSIS	
CHEM-481	BIOCHEMISTRY I	
<b>Total Credits</b>		<b>12.00</b>

### Earth Science Emphasis

Code	Title	Credits
Select 4 credits from GEOL or GIS course numbered 200 or higher		4.00
Select 8 credits from GEOL course numbered 300 level or higher		8.00
<b>Total Credits</b>		<b>12.00</b>

## Secondary Education Certificate Requirements

Application for admission to the Teacher Education Program is required after successful completion of the first three Phase I courses.

Code	Title	Credits
<b>Phase I - Professional Foundations of Education</b>		
ED-214	PRINCIPLES OF EDUCATION <sup>1</sup>	3.00
ED-225	TECHNOLOGIES FOR TEACHING, K-12	3.00
ED-318	ASSESSMENT OF LEARNING <sup>1</sup>	3.00
ED-321	EDUCATIONAL PSYCHOLOGY <sup>1</sup>	3.00
ED-345	CULTURALLY RELEVANT TEACHING	3.00
SE-322	INCLUSION STRATEGIES K-12	3.00
<b>Phase II - Professional Studies in Education</b>		
ED-445	INSTRUCTIONAL STRATEGIES AND CLASSROOM MANAGEMENT, 6-12	3.00
ED-447	TEACHING METHODS IN THE CONTENT AREA	2.00
RE-309	DISCIPLINARY LITERACY	3.00
<b>Phase III - Instructional Methods in Education</b>		
ED-452	INTERNSHIP SEMINAR	1.00
ED-460	PROFESSIONAL INTERNSHIP IN EDUCATION 6-12	12.00
<b>Total Credits</b>		<b>39.00</b>

<sup>1</sup> Additional requirements must be met for teacher certification. See your Teacher Education Division advisor for details.

No grade lower than a "C-" will be accepted in any General Education core, Content Major, or 200-level Professional Foundations course. No grade lower than a "B-" will be accepted in any 300- or 400-level courses in Secondary Education.

A minimum cumulative GPA of 3.0 is required for admission into the Secondary Teacher Education Program. Candidates must also maintain a 3.0 cumulative GPA in their content area classes.

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
BIOL-181	ECOLOGY, EVOLUTION, DIVERSITY OF LIFE	4.00
CORE	MATH-143 or MATH-147	3.00-5.00
CORE	Oral Communication	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	3.00
<b>Credits</b>		<b>16.00-18.00</b>
<b>Spring</b>		
BIOL-182	CONCEPTS IN CELLULAR MECHANISMS	4.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
ENGL-102	WRITING AND RHETORIC II	3.00
Program Requirement	Select Emphasis course	3.00
<b>Credits</b>		<b>16.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Diversity	3.00
CHEM-111	PRINCIPLES OF CHEMISTRY I	4.00
GEOL-101 or GEOL-120	PHYSICAL GEOLOGY or INTRODUCTION TO EARTH SYSTEMS	4.00
<b>Credits</b>		<b>14.00</b>
<b>Spring</b>		
CORE	Integrative Seminar: Ethics & Values	3.00
GEOL-202	HISTORICAL GEOLOGY	4.00
CS-108 or CS-111	INTRODUCTION TO COMPUTER SCIENCE or FOUNDATIONS OF PROGRAMMING	4.00
NS-150	INTRODUCTION TO NATURAL SCIENCES	3.00
<b>Credits</b>		<b>14.00</b>
<b>Third Year</b>		
<b>Fall</b>		
CHEM-112	PRINCIPLES OF CHEMISTRY II	4.00
PHYS-111	GENERAL PHYSICS I	4.00
PHYS-112	GENERAL PHYSICS II	4.00
PHYS-205	DESCRIPTIVE ASTRONOMY	4.00
Program Requirement	Select Emphasis course	3.00
<b>Credits</b>		<b>19.00</b>
<b>Spring</b>		
Program Requirement	Select Emphasis course	3.00
Program Requirement	Select Emphasis course	3.00
<b>Credits</b>		<b>6.00</b>
<b>Total Credits</b>		<b>85.00-87.00</b>

Graduates with a BA/BS in Natural Science: Secondary Education go on to obtain careers in a variety of fields:

- Secondary Science Teacher (6-12)
- Adult and Continuing Education
- Training Specialist
- Business and Industry
- Research

- Lab Technician
- Instructional Coach

## Sport Management BA/BS

The Sport Management major prepares students to integrate principles relating to business, kinesiology, and health to the administration and management of athletic programs and organizations, fitness and health clubs, sport recreation services, and related activities. The program focuses on planning and development; promotion, marketing, and recruitment; management of events, facilities, and personnel; and financial management principles.

Students in this major must have two advisors: one from the Movement and Sport Sciences Division and one from the Business Division.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one of the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-137	MATH FOR TECHNOLOGY	
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Arts</b>		
ART-100	INTRODUCTION TO ART	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES	
THEA-101	SURVEY OF THE THEATER	
<b>Language</b>		
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	

SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	

**Scientific Ways of Knowing**

Select one course from two disciplines; one lab 7.00-8.00

BIOF-100	INTRODUCTION TO BIOINFORMATICS	
BIOL-100	CONCEPTS OF BIOLOGY	
BIOL-120	PLANTS AND PEOPLE	
BIOL-123	BIOLOGY IN FILM	
BIOL-175	HUMAN BIOLOGY	
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	
CHEM-100	CONCEPTS OF CHEMISTRY	
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	
CHEM-111	PRINCIPLES OF CHEMISTRY I	
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE	
CS-108	INTRODUCTION TO COMPUTER SCIENCE	
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE	
GEOL-101	PHYSICAL GEOLOGY	
GEOL-120	INTRODUCTION TO EARTH SYSTEMS	
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS	
ID-240	INTEGRATED SCIENCE II	
NS-140	INTEGRATED SCIENCE I	
NS-150	INTRODUCTION TO NATURAL SCIENCES <sup>1</sup>	
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR	
PHYS-111 or PHYS-112	GENERAL PHYSICS I GENERAL PHYSICS II	
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS	
PHYS-205	DESCRIPTIVE ASTRONOMY	
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I	

**Social & Behavioral Ways of Knowing**

ECON-201 or ECON-202	PRINCIPLES OF MACROECONOMICS PRINCIPLES OF MICROECONOMICS	3.00
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Select one of the following: 3.00

ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT/SS-184	DIVERSITY IN ORGANIZATIONS	
HRPT/SS-185	HUMAN RELATIONS IN ORGANIZATIONS	
POLS-101	AMERICAN NATIONAL GOVERNMENT	
POLS-237	INTERNATIONAL POLITICS	
POLS-285	COMPARATIVE GOVERNMENT	
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SOC-102	SOCIAL PROBLEMS	

**Diversity**

Select one of the following: 3.00

ANTH-102	CULTURAL ANTHROPOLOGY	
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ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ANTH-360	RACE AND ETHNICITY	
COMM-345	INTERCULTURAL COMMUNICATION	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT/SS-184	DIVERSITY IN ORGANIZATIONS	
ID-300C	ETHICS AND IDENTITY	
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS	
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
POLS-285	COMPARATIVE GOVERNMENT	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
SPAN-201	INTERMEDIATE SPANISH I	
SPAN-202	INTERMEDIATE SPANISH II	
<b>Integrative Seminar: Ethics &amp; Values</b>		
Select one of the following:		3.00
ID 300A - 300Z (see course descriptions for options)		
ID-301A	HELLS CANYON INSTITUTE	
<b>Foreign/Heritage Language</b>		
Take 16 credits of language classes if selecting a Bachelor of Arts degree		16.00
<b>Total Credits</b>		<b>37.00-42.00</b>

## Program Requirements

Code	Title	Credits
<b>Health &amp; Kinesiology Courses</b>		
HLTH-354	ADDICTION AND PERFORMANCE	2.00
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS	3.00
KIN-260	INTRODUCTION TO KINESIOLOGY AND HEALTH	1.00
KIN-425	ETHICAL DECISION-MAKING SPORT LEADERS	3.00
KIN-484	COMMUNITY RELATIONS IN SPORT	3.00
KIN-485	SPORT LAW	3.00
KIN-486	ORGANIZATION AND ADMINISTRATION OF HEALTH, PHYSICAL EDUCATION, RECREATION, ATHLETICS	3.00
KIN-487	SPORT ADMINISTRATION	3.00
KIN-488	SPORT FACILITIES AND EVENT MANAGEMENT	3.00
KIN-489	SPORT MARKETING AND ADVERTISING	3.00
KIN-494	INTERNSHIP IN KINESIOLOGY	6.00
Select one of the following:		3.00
KIN-221	HISTORY OF SPORT	
KIN-421	PHILOSOPHY OF SPORT	
<b>Business Courses</b>		
AC-231	PRINCIPLES OF ACCOUNTING I	3.00
AC-232	PRINCIPLES OF ACCOUNTING II	3.00
BUS-220	BUSINESS COMMUNICATIONS	3.00

BUS-311	FOUNDATIONS OF MANAGEMENT THEORY	3.00
BUS-321	PRINCIPLES OF MARKETING	3.00
BUS-323 or BUS-431	PROMOTION METHODS PUBLIC RELATIONS	3.00
BUS-360 or BUS-413	LEADERSHIP ORGANIZATIONAL BEHAVIOR	3.00
BUS-365	BUSINESS LAW I	3.00
BUS-412	HUMAN RESOURCE MANAGEMENT	3.00
ECON/PSYC/SS-300	STATISTICAL METHODS	3.00
<b>Senior Research Project</b>		
Select KIN or BUS option		6.00
Kinesiology Option		
KIN-498	SENIOR RESEARCH PROJECT I	
KIN-499	RESEARCH PROJECT/SEMINAR II	
Business Option		
BUS-498	SENIOR STRATEGIC SEMINAR	
Select one from the following:		
BUS-294	INTERNSHIP IN BUSINESS	
BUS-346	NONPROFIT MANAGEMENT	
BUS-394	INTERNSHIP IN BUSINESS	
BUS-405	ENTREPRENEURSHIP	
BUS-421	MARKETING RESEARCH	
BUS-494	INTERNSHIP IN BUSINESS	
<b>Electives</b>		
Select 11 elective credits		11.00
<b>Total Credits</b>		<b>83.00</b>

No grade lower than a "C" will be accepted in the Program courses for Health & Kinesiology and Business. Students in this major must have two advisors: one from the Movement and Sport Sciences Division and one from the Business Division.

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
CORE	Mathematical Ways of Knowing	3.00
CORE	Oral Communication	3.00
ECON-201 or ECON-202	PRINCIPLES OF MACROECONOMICS or PRINCIPLES OF MICROECONOMICS	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
<b>Credits</b>		<b>12.00</b>
<b>Spring</b>		
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
ENGL-102	WRITING AND RHETORIC II	3.00
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS	3.00
KIN-260	INTRODUCTION TO KINESIOLOGY AND HEALTH	1.00
<b>Credits</b>		<b>13.00</b>
<b>Second Year</b>		
<b>Fall</b>		
AC-231	PRINCIPLES OF ACCOUNTING I	3.00
BUS-311	FOUNDATIONS OF MANAGEMENT THEORY	3.00
CORE	Diversity	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00

CORE	Scientific Ways of Knowing	3.00
HLTH-354	ADDICTION AND PERFORMANCE	2.00
<b>Credits</b>		<b>17.00</b>
<b>Spring</b>		
AC-232	PRINCIPLES OF ACCOUNTING II	3.00
BUS-220	BUSINESS COMMUNICATIONS	3.00
CORE	Scientific Ways of Knowing	4.00
KIN-221 or KIN-421	HISTORY OF SPORT or PHILOSOPHY OF SPORT	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>16.00</b>
<b>Third Year</b>		
<b>Fall</b>		
BUS-321	PRINCIPLES OF MARKETING	3.00
KIN-425	ETHICAL DECISION-MAKING SPORT LEADERS	3.00
KIN-484	COMMUNITY RELATIONS IN SPORT	3.00
KIN-486	ORGANIZATION AND ADMINISTRATION OF HEALTH, PHYSICAL EDUCATION, RECREATION, ATHLETICS	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
CORE	Integrative Seminar: Ethics & Values	3.00
BUS-323 or BUS-431	PROMOTION METHODS or PUBLIC RELATIONS	3.00
KIN-488	SPORT FACILITIES AND EVENT MANAGEMENT	3.00
KIN-485	SPORT LAW	3.00
KIN-489	SPORT MARKETING AND ADVERTISING	3.00
<b>Credits</b>		<b>15.00</b>
<b>Fourth Year</b>		
<b>Fall</b>		
BUS-360 or BUS-413	LEADERSHIP or ORGANIZATIONAL BEHAVIOR	3.00
BUS-412	HUMAN RESOURCE MANAGEMENT	3.00
KIN-487	SPORT ADMINISTRATION	3.00
KIN-494	INTERNSHIP IN KINESIOLOGY	3.00
KIN-498 or BUS-498	SENIOR RESEARCH PROJECT I or SENIOR STRATEGIC SEMINAR	3.00
PSYC-300 or SS-300 or ECON-300	STATISTICAL METHODS or STATISTICAL METHODS or STATISTICAL METHODS	3.00
<b>Credits</b>		<b>18.00</b>
<b>Spring</b>		
BUS-365	BUSINESS LAW I	3.00
KIN-494	INTERNSHIP IN KINESIOLOGY	3.00
KIN-499	RESEARCH PROJECT/SEMINAR II (or BUS: Experiential Component) <sup>1</sup>	3.00
Elective	Elective Credits	5.00
<b>Credits</b>		<b>14.00</b>
<b>Total Credits</b>		<b>120.00</b>

<sup>1</sup> Experiential Component: Select one from the following course options: BUS-294, BUS-346, BUS-394, BUS-405, BUS-421, or BUS-494.

Graduates with a BA/BS in Sport Management go on to obtain careers in a variety of fields:



- Athletic Program Management
- Event/Facilities Management
- Recreation and Event Planning
- Sport Marketing and Promotions

## Sports Media Studies BA/BS

The Sports Media Studies major combines coursework from multiple academic disciplines to prepare students to work in the dynamic, exciting fields of sport journalism, sport broadcasting, digital sports production, and sport media relations. Students will enjoy internships in high school athletics, within college/university athletic departments, newspapers, media outlets, and sport businesses.

Students in this major will have two advisors: one from the Movement and Sport Sciences Division and one from the Humanities Division.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Arts</b>		
ART-100	INTRODUCTION TO ART	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	

MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES	
THEA-101	SURVEY OF THE THEATER	
<b>Language</b>		
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
<b>Scientific Ways of Knowing</b>		
Select one course from two disciplines; one lab		7.00-8.00
BIOF-100	INTRODUCTION TO BIOINFORMATICS	
BIOL-100	CONCEPTS OF BIOLOGY	
BIOL-120	PLANTS AND PEOPLE	
BIOL-123	BIOLOGY IN FILM	
BIOL-175	HUMAN BIOLOGY	
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	
CHEM-100	CONCEPTS OF CHEMISTRY	
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	
CHEM-111	PRINCIPLES OF CHEMISTRY I	
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE	
CS-108	INTRODUCTION TO COMPUTER SCIENCE	
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE	
GEOL-101	PHYSICAL GEOLOGY	
GEOL-120	INTRODUCTION TO EARTH SYSTEMS	
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS	
ID-240	INTEGRATED SCIENCE II	
NS-140	INTEGRATED SCIENCE I	
NS-150	INTRODUCTION TO NATURAL SCIENCES <sup>1</sup>	
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR	
PHYS-111	GENERAL PHYSICS I	
or PHYS-112	GENERAL PHYSICS II	
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS	
PHYS-205	DESCRIPTIVE ASTRONOMY	
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I	
<b>Social &amp; Behavioral Ways of Knowing</b>		
Select one course from two disciplines:		6.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	
POLS-101	AMERICAN NATIONAL GOVERNMENT	
POLS-237	INTERNATIONAL POLITICS	
POLS-285	COMPARATIVE GOVERNMENT	
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	

SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS

**Diversity**

Select one of the following: 3.00-4.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ANTH-360	RACE AND ETHNICITY
COMM-345	INTERCULTURAL COMMUNICATION
ENGL-258	INTERNATIONAL LITERATURE
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
ID-300C	ETHICS AND IDENTITY
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
POLS-285	COMPARATIVE GOVERNMENT
SOC-101	INTRODUCTION TO SOCIOLOGY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
SS-184	DIVERSITY IN ORGANIZATIONS

**Integrative Seminar: Ethics & Values**

Select one of the following: 3.00

ID 300A - 300Z (see course descriptions for options)	
ID-301A	HELLS CANYON INSTITUTE

**Foreign/Heritage Language**

Select 16 credits of language if selecting Bachelor of Arts Degree 16.00

**Total Credits** 37.00

## Program Requirements

Code	Title	Credits
<b>Communication Courses</b>		
Select 18 credits from the following: 18.00		
COMM-201	INTRODUCTION TO MASS COMMUNICATION	
COMM-250	INTRODUCTION TO JOURNALISM	
COMM-300	EDITING FOR PRINT AND ONLINE	
COMM-301	MEDIA RELATIONS	
COMM-350	SPORTS COMMUNICATION	
COMM-394/494	INTERNSHIP IN COMMUNICATIONS	
COMM-400	ADVERTISING	
COMM-405	MULTIMEDIA WRITING	
COMM-440	NEW MEDIA & COMMUNICATION	
ENGL-304	WRITING FOR A DIGITAL AUDIENCE	
ENGL-308	SURVEY OF PROFESSIONAL WRITING	

ENGL-497	PROFESSIONAL WRITING CAPSTONE	
Select 9 credits from the following:		9.00
COMM-211	VIDEO PRODUCTION I	
COMM-302	SCREENWRITING	
ENGL-330	WOMEN, GENDER, AND SEXUALITY IN LITERATURE	
COMM-345	COMMUNICATION AND DIVERSITY	
COMM-346	NONPROFIT MANAGEMENT	
COMM-347	NONPROFIT FUNDRAISING	
COMM-348	NONPROFIT GRANT WRITING	
COMM-380	ETHICAL ISSUES IN COMMUNICATION	
COMM-450	DIGITAL PHOTOGRAPHY	
ENGL-209	CREATIVE WRITING:NON-FICTION	
ENGL-212	CREATIVE WRITING:FICTION	
ENGL-305	ADVANCED WRITING AND COMMUNICATION	
ENGL-361	TECHNIQUES OF CREATIVE NONFICTION	
PITPT-119	ADOBE INDESIGN	
PITPT-139	ADOBE PHOTOSHOP	
<b>Kinesiology Courses</b>		
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS	3.00
KIN-425	ETHICAL DECISION-MAKING SPORT LEADERS	3.00
KIN-484	COMMUNITY RELATIONS IN SPORT	3.00
KIN-486	ORGANIZATION AND ADMINISTRATION OF HEALTH, PHYSICAL EDUCATION, RECREATION, ATHLETICS	3.00
KIN-487	SPORT ADMINISTRATION	3.00
KIN-488	SPORT FACILITIES AND EVENT MANAGEMENT	3.00
KIN-489	SPORT MARKETING AND ADVERTISING	3.00
KIN-494	INTERNSHIP IN KINESIOLOGY	3.00
Select 6 credits from the following:		6.00
HLTH-342	COMMUNITY HEALTH	
HLTH-352	TECHNOLOGIES FOR HEALTH AND WELLNESS PROFESSIONALS	
HLTH-354	ADDICTION AND PERFORMANCE	
HLTH-453	HEALTH PROMOTION	
KIN-221	HISTORY OF SPORT	
KIN-260	INTRODUCTION TO KINESIOLOGY AND HEALTH	
KIN-352	YOUTH SPORTS AND RECREATION	
KIN-410	SPORTS PSYCHOLOGY	
KIN-421	PHILOSOPHY OF SPORT	
KIN-485	SPORT LAW	
<b>Senior Research/Project</b>		
Select Communication option or Kinesiology option:		6.00
Communication option:		
COMM-498	SENIOR RESEARCH PROJECT DESIGN	
COMM-499	RESEARCH PROJECT AND SEMINAR IN COMMUNICATIONS	
Kinesiology option:		
KIN-498	SENIOR RESEARCH PROJECT I	
KIN-499	RESEARCH PROJECT/SEMINAR II	
<b>Electives</b>		
Select 20 elective credits		20.00
<b>Total Credits</b>		<b>83.00</b>

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
CORE	Oral Communication	3.00
CORE	Mathematical Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
Program Requirements	Select COMM Selective course	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
ENGL-102	WRITING AND RHETORIC II	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Scientific Ways of Knowing	3.00
CORE	Diversity	3.00
Program Requirements	Select COMM Selective course	3.00
<b>Credits</b>		<b>15.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Social & Behavioral Ways of Knowing	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
Program Requirement	Select COMM Selective course	3.00
Program Requirement	Select KIN Selective course	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
CORE	Scientific Ways of Knowing	4.00
KIN-260	INTRODUCTION TO KINESIOLOGY AND HEALTH	1.00
KIN-484	COMMUNITY RELATIONS IN SPORT	3.00
Program Requirement	Select COMM Selective course	3.00
Program Requirement	Select KIN Selective course	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>17.00</b>
<b>Third Year</b>		
<b>Fall</b>		
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS	3.00
KIN-486	ORGANIZATION AND ADMINISTRATION OF HEALTH, PHYSICAL EDUCATION, RECREATION, ATHLETICS	3.00
Program Requirement	Select COMM Selective course	3.00
Program Requirement	Select COMM Selective course	3.00
<b>Credits</b>		<b>12.00</b>
<b>Spring</b>		
ENGL-405	MULTIMEDIA WRITING	3.00
KIN-425	ETHICAL DECISION-MAKING SPORT LEADERS	3.00
KIN-487	SPORT ADMINISTRATION	3.00
Program Requirements	Select COMM Selective course	3.00
Elective	Elective Credits	4.00
<b>Credits</b>		<b>16.00</b>
<b>Fourth Year</b>		
<b>Fall</b>		
COMM-498 or KIN-498	SENIOR RESEARCH PROJECT DESIGN or SENIOR RESEARCH PROJECT I	3.00

KIN-488	SPORT FACILITIES AND EVENT MANAGEMENT	3.00
KIN-494	INTERNSHIP IN KINESIOLOGY	3.00
Program Requirements	Select COMM Selective course	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
COMM-499 or KIN-499	RESEARCH PROJECT AND SEMINAR IN COMMUNICATIONS or RESEARCH PROJECT/SEMINAR II	3.00
CORE	Integrative Seminar: Ethics & Values	3.00
KIN-489	SPORT MARKETING AND ADVERTISING	3.00
KIN-494	INTERNSHIP IN KINESIOLOGY	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>120.00</b>

Graduates with a BA/BS in Sport Media Studies go on to obtain careers in a variety of fields:

- Sports Information
- Journalism
- Broadcasting
- Digital Production
- Media Relations
- Promotion and Marketing

## Minors

### Biology Minor

The ten minors available in the Division of Natural Sciences & Mathematics are designed to enrich, complement, and/or supplement the formal education of student's major. Students pursuing a degree within the Division of Natural Sciences & Mathematics often find complementary minors a natural fit with their primary course of study.

The minors are not solely, or even primarily, for Natural Sciences & Mathematics majors. Students from many allied programs, including Kinesiology, pre-Nursing and Education, often pursue minors within the Division. Students interested in acquiring a minor for teacher certification should first consult with their academic advisor and the Education Division.

### Program Requirements

Code	Title	Credits
BIOL-181	ECOLOGY, EVOLUTION, DIVERSITY OF LIFE	4.00
BIOL-182	CONCEPTS IN CELLULAR MECHANISMS	4.00
BIOL-213 or BIOL-227	PLANT AND ANIMAL FORM AND FUNCTION HUMAN ANATOMY AND PHYSIOLOGY I	4.00
<b>Program Electives</b>		
Select 12 credits of BIOL 200 or above, 4 credits must be 300 or above		12.00
<b>Total Credits</b>		<b>24.00</b>

### Chemistry Minor

The chemistry minor provides students with a broad overview of the discipline of chemistry. Students will be introduced to the concepts and principles in the major sub-disciplines in chemistry in both lecture and laboratory settings. Students will apply chemical principles to solve qualitative and quantitative problems, think critically and recognize chemistry in their everyday lives. Students will also develop their technical skills, understand experimental methods and learn techniques and instrumentation commonly encountered in a chemistry laboratory. The minor is valuable for students in other science disciplines that want to develop a deeper understanding of how chemistry intersects their fields.

The minors are not solely, or even primarily, for Natural Sciences & Mathematics majors. Students from many allied programs, including Kinesiology, pre-Nursing and Education, often pursue minors within the Division. Students interested in acquiring a minor for teacher certification should first consult with their academic advisor and the Education Division.

## Program Requirements

Code	Title	Credits
CHEM-111	PRINCIPLES OF CHEMISTRY I	4.00
CHEM-112	PRINCIPLES OF CHEMISTRY II	4.00
CHEM-325	QUANTITATIVE ANALYSIS	5.00
CHEM-371	ORGANIC CHEMISTRY I	3.00
CHEM-372	ORGANIC CHEMISTRY II	3.00
CHEM-373	ORGANIC CHEMISTRY I LAB	1.00
CHEM-376	ORGANIC CHEMISTRY II LAB	2.00
Select one of the following:		4.00
CHEM-300	PHYSICAL CHEMISTRY I WITH LABORATORY	
CHEM-463	INORGANIC CHEMISTRY	
CHEM-481	BIOCHEMISTRY I	

**Total Credits** **26.00**

## Coaching Minor

Students interested in coaching in schools, youth organizations or recreation departments will gain the knowledge to understand the roles and responsibilities of a coach. As more athletic/recreation programs are requiring coaches to be certified, have exceptional playing experience, or have a minor in coaching, completing this Coaching minor will enhance an individual's employability.

## Program Requirements

Code	Title	Credits
KIN-248	SPORTS MEDICINE	3.00
KIN-340	ADVANCED COACHING THEORY	2.00
KIN-352	YOUTH SPORTS AND RECREATION	3.00
KIN-410	SPORTS PSYCHOLOGY	3.00
KIN-425	ETHICAL DECISION-MAKING SPORT LEADERS	3.00
KIN-486	ORGANIZATION AND ADMINISTRATION OF HEALTH, PHYSICAL EDUCATION, RECREATION, ATHLETICS	3.00
KIN-494	INTERNSHIP IN KINESIOLOGY	2.00
Select at least 2 credits from the following:		2.00-3.00
KIN-341	TECHNIQUES AND METHODS OF COACHING BASKETBALL	
KIN-342	TECHNIQUES AND METHODS OF COACHING BASEBALL	
KIN-343	TECHNIQUES AND METHODS OF COACHING TRACK AND FIELD	
KIN-344	TECHNIQUES AND METHODS OF COACHING FOOTBALL	
KIN-345	TECHNIQUES AND METHODS OF COACHING VOLLEYBALL	
KIN-346	TECHNIQUES AND METHODS OF COACHING SOCCER	
KIN-347	TECHNIQUES AND METHODS OF COACHING TENNIS AND GOLF	
KIN-349	TECHNIQUES AND METHODS OF COACHING WRESTLING	
KIN-355	STRATEGIES FOR TEACHING PHYSICAL ACTIVITIES	

**Total Credits** **21.00-22.00**

## Forensic Science Minor

The minor in Forensic Science provides students with an understanding of the concepts and principles of applying scientific inquiry to questions in forensic investigations. Students will be exposed to a wide range of scientific disciplines with a specific focus on the laboratory techniques and instrumentation used most commonly in the analysis of chemical, biological and other forms of evidence. The minor is especially valuable for students in Justice Studies who want to develop a deeper appreciation of how forensic science informs ongoing criminal and civil investigations. It is also a suitable springboard for a student that wishes to pursue graduate work in the forensic science field.

The minor is not solely, or even primarily, for Natural Sciences & Mathematics majors. Students from many allied programs, including Kinesiology, pre-Nursing and Education, often pursue minors within the Division. Students interested in acquiring a minor for teacher certification should first consult with their academic advisor and the Education Division.

## Program Requirements

Code	Title	Credits
BIOL-182	CONCEPTS IN CELLULAR MECHANISMS	4.00
BIOL-341	GENETICS	4.00
CHEM-111	PRINCIPLES OF CHEMISTRY I	4.00
CHEM-112	PRINCIPLES OF CHEMISTRY II	4.00
CHEM-325	QUANTITATIVE ANALYSIS	5.00
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE	4.00
<b>Total Credits</b>		<b>25.00</b>

## Geographic Information Systems Minor

The Geographic Information Systems minor is designed to provide students with a highly marketable skill set for their future career and job prospects. Students in the following majors should consider this minor: Biology, Business, History, general Social Sciences, and Information Technology.

## Program Requirements

Code	Title	Credits
<b>Geographic Information Systems Requirements</b>		
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS	4.00
GIS-471	ADVANCED GEOGRAPHIC INFORMATION SCIENCE	4.00
GIS-481	DIGITAL REMOTE SENSING	4.00
<b>Computer Science Requirements</b>		
CS-108	INTRODUCTION TO COMPUTER SCIENCE	4.00
CS-111	FOUNDATIONS OF PROGRAMMING	4.00
CS-226	SQL: STRUCTURED QUERY LANGUAGE	3.00
<b>Total Credits</b>		<b>23.00</b>

## Geology Minor

The minor in Earth Science provides students with an understanding of the concepts and principles of applying scientific inquiry to questions about Earth's systems. Students will be exposed to a wide range of scientific disciplines with a specific focus on the laboratory techniques and instrumentation used most commonly in studying these systems. The minor is especially valuable for students interested in environmental careers.

The minor is not solely, or even primarily, for Natural Sciences & Mathematics majors. Students from many allied programs, including Kinesiology, pre-Nursing and Education, often pursue minors within the Division. Students interested in acquiring a minor for teacher certification should first consult with their academic advisor and the Education Division.

## Program Requirements

Code	Title	Credits
GEOL-101	PHYSICAL GEOLOGY	4.00
GEOL-202	HISTORICAL GEOLOGY	4.00
GEOL-313	EARTH MATERIALS I	4.00
GEOL-314	EARTH MATERIALS II	4.00
<b>Program Electives</b>		
Select 5 credits of Upper division Geology/Earth Sciences (GEOL 300/400)		5.00
<b>Total Credits</b>		<b>21.00</b>

## Health Minor

This minor is designed for individuals interested in health promotion and/or teaching health/wellness. Individuals who want to be endorsed to teach Health in grades 6-12 or who seek careers in health-enhancing behaviors in schools, hospitals, insurance companies, college wellness programs, health clubs, fitness clubs, corporate worksite health promotion, health spas, physicians offices, physical therapy and public health services will



gain knowledge and experience in practical skills focused on health and wellness through positive behavior change. Students majoring in Nursing, Teacher Education, Social Work and Psychology may be interested in this minor. To qualify for a State of Idaho teaching endorsement in Health 6-12, individuals must seek this minor in conjunction with the Teacher Education program.

## Program Requirements

Code	Title	Credits
HLTH-245	DEATH AND DYING	1.00
HLTH-246	HUMAN SEXUALITY	1.00
HLTH-247	STRESS MANAGEMENT	1.00
HLTH-248	BEHAVIOR CHANGE	1.00
HLTH-253	NUTRITION	3.00
HLTH-272	FITNESS AND WELLNESS	3.00
HLTH-342	COMMUNITY HEALTH	3.00
HLTH-354	ADDICTION AND PERFORMANCE	2.00

### Methods & Program Planning Course

Select one of the following Emphasis 5.00-6.00

Teacher Education Emphasis: <sup>1</sup>

ED-447 TEACHING METHODS IN THE CONTENT AREA <sup>3</sup>

HLTH-215 ELEMENTARY HEALTH SCIENCE/METHODS <sup>2</sup>

Health Professions Emphasis:

HLTH-494 INTERNSHIP IN HEALTH

Select one of the following:

HLTH-453 HEALTH PROMOTION

HLTH-454 WELLNESS COACHING

KIN-381 TESTS AND MEASUREMENTS IN PHYSICAL EDUCATION

**Total Credits**

**20.00-21.00**

<sup>1</sup> **Note:** To qualify for a State of Idaho teaching endorsement in Health 6-12, individuals must complete an approved teacher education program and obtain a passing score on the Praxis II exam #5551-Health Education.

<sup>2</sup> **Note:** This course is required for a 6-12 Health teaching endorsement

<sup>3</sup> **Note:** Admission to Teacher Education program is required for these classes.

## Kinesiology Minor

The Kinesiology minor is designed for:

1. An individual interested in motor skill development and physical activity in a variety of related careers including sports administration, sales, recreation, social services, and journalism.
2. The prospective teacher who, with another subject major, may wish employment with K-12 or 6-12 physical education as part of the teaching load. Specific coursework required for endorsement. To qualify for an Idaho 6-12 Physical Education Endorsement, KIN-381, ED-447 -Content Methods: PE, and an approved teacher education program must be added to this minor; for a K-12 Endorsement, KIN-216/ED-216 must also be added. Students must also pass the Praxis II exam #5091-Physical Ed:Content Knowledge and must complete a supervised internship in a school setting. Students should contact the Teacher Education Division for more information.

## Program Requirements

Code	Title	Credits
HLTH-272	FITNESS AND WELLNESS	3.00
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS	3.00
KIN-248	SPORTS MEDICINE	3.00
KIN-260	INTRODUCTION TO KINESIOLOGY AND HEALTH	1.00
KIN-261	SKILL AND ANALYSIS: COURT SPORTS	1.00
KIN-262	SKILL AND ANALYSIS: FIELD SPORTS	1.00
KIN-269	SKILL AND ANALYSIS: EDUCATIONAL GYM&MOV	1.00
KIN-355	STRATEGIES FOR TEACHING PHYSICAL ACTIVITIES	3.00
KIN-363	PHYSIOLOGY OF EXERCISE	3.00

KIN-370	MOTOR LEARNING/MOTOR DEVELOPMENT	3.00
KIN-467	PHYSICAL ACTIVITY AND RECREATION FOR INDIVIDUALS WITH SPECIAL NEEDS	3.00
KIN-486	ORGANIZATION AND ADMINISTRATION OF HEALTH, PHYSICAL EDUCATION, RECREATION, ATHLETICS	3.00

**Total Credits** **28.00**

## Middle School Science Minor

This minor is only available to Teacher Education majors. Students seeking Idaho's Science – Middle Level (Grades 5-9) endorsement with their elementary or secondary certification must take coursework in Biology, Earth Science, and Physical Science that include lab components. Students must also pass the Praxis II exam #5442: Middle School Science. State of Idaho Teacher Certification requirements are subject to change. Students should contact their Education Division advisor to ensure compliance with current certification policies.

### Program Requirements

Code	Title	Credits
BIOL-181	ECOLOGY, EVOLUTION, DIVERSITY OF LIFE	4.00
CHEM-100	CONCEPTS OF CHEMISTRY	4.00
GEOL-120	INTRODUCTION TO EARTH SYSTEMS	4.00
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR	4.00
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS	4.00
Select 4 credits of BIOL 100/200 level		4.00

**Total Credits** **24.00**

## Natural Sciences Minor

The Natural Sciences minor provides students with an understanding of the concepts and principles of applying scientific inquiry. Students will be exposed to a range of scientific disciplines. The minor is especially valuable for students in a STEM program such as Biology, Chemistry, Computer Science, Earth Science, Engineering, or Mathematics who want to develop a deeper appreciation of other scientific fields.

The minor is not solely, or even primarily, for Natural Sciences & Mathematics majors. Students from many allied programs, including Kinesiology, pre-Nursing and Education, often pursue minors within the Division. Students interested in acquiring a minor for teacher certification should first consult with their academic advisor and the Education Division.

### Program Requirements

Code	Title	Credits
Select at least one course from each of the following areas: <sup>1</sup>		20.00
Physical Sciences (PHYS or CHEM)		
Biological Sciences (BIOL)		
Earth Sciences (GEOL)		

**Total Credits** **20.00**

## Physical Sciences Minor

The Physical Science minor provides students with an understanding of the concepts and principles of applying scientific inquiry to questions about the physical world. Students will be exposed to the scientific disciplines of Chemistry and Physics with a specific focus on the laboratory techniques. The minor is especially valuable for students who want to develop a deeper appreciation of the physical world.

The minor is not solely, or even primarily, for Natural Sciences & Mathematics majors. Students from many allied programs, including Kinesiology, pre-Nursing and Education, often pursue minors within the Division. Students interested in acquiring a minor for teacher certification should first consult with their academic advisor and the Education Division.

### Program Requirements

Code	Title	Credits
Select at least 8 credits from Chemistry (CHEM) and Physics (PHYS) <sup>1</sup>		16.00

**Program Electives**

Select any course from the Natural Science Division except NS-150.

4.00

**Total Credits**

**20.00**

## Social Sciences Division

### Contact Information

**Chair:** Christopher K. Riggs, PhD

**E-mail:** ckriggs@lcsc.edu

**Office:** SPH 101

**Phone:** 208-792-2291

**FAX:** 208-792-2571

**Web:** <http://www.lcsc.edu/social-sciences> (<http://www.lcsc.edu/social-sciences/>)

### Introduction to the Social Sciences Division

The Division offers six baccalaureate majors and two associate degrees. The baccalaureate majors are General Studies: Social Sciences; History (with an optional emphasis in Public History); Justice Studies; Psychology (with a option for Secondary Certification); Social Work; and Social Sciences with emphases in History/Secondary Certification, Political Science, Sociology, and Anthropology. Social Science coursework can also be used to support the Interdisciplinary Studies baccalaureate degree. The Associate of Arts degrees are Behavioral Science and Justice Studies.

All the majors in the Social Sciences Division provide preparation for a variety of careers and/or graduate school. In addition, the Social Science major, when taken as part of an integrated secondary education program, prepares students for professional teaching. The Justice Studies major includes emphases in Policing and Law Enforcement, Law and Legal Systems, and Corrections and Human Services. The Psychology major is for students who wish to pursue graduate study in the discipline, or those who seek careers in human services and community agencies. The Bachelor of Social Work program's focus on the "Person-In-Environment" paradigm uniquely equips baccalaureate social workers to work effectively with individuals, families, groups, communities, and organizations.

The Social Sciences Division lends vital support to the college through its participation in the General Education Core. All students are required to complete six Social Science credits as part of Core, and the Division provides a variety of courses for fulfilling this requirement.

The Social Sciences Division does not discriminate on the basis of race, color, religion, age, sex (including gender identity, sexual orientation, and pregnancy), national origin, physical or mental disability, protected veteran status, genetic information, or any other status protected under applicable federal, state or local law.

#### Specialized Accreditation

Social Work is accredited by the Council on Social Work Education.

### Majors Offered

- Behavioral Science-AA
- Justice Studies-AA
- General Studies: Social Sciences
- History
  - History - Public History
- Justice Studies -
  - Policing and Law Enforcement
  - Law and Legal Systems
  - Corrections and Human Services
- Psychology
  - Psychology: Secondary Education
- Social Sciences
  - History: Secondary Education Emphasis
  - Anthropology Emphasis
  - Political Science Emphasis
  - Sociology Emphasis
- Social Work

### Program Outcomes

The following are the expected outcomes for students in the Social Sciences Division.

**In the justice studies AA and Justice Studies major :**

Students completing the Justice Studies major will be able to demonstrate knowledge and skills related to all of the following. Students completing the Justice Studies AA will be able to demonstrate knowledge and skills related to outcome #1 and #2.

1. The ability to think critically about major issues relating to justice studies.
2. Proficiency in the use of verbal and written communication skills.
3. An understanding of human behavior, social control, cultural differences, and concerns for minority groups with regard to criminal justice.
4. Basic competencies in conceptualizing, conducting, interpreting, and evaluating research in the field of criminal justice.
5. An understanding of criminal and juvenile justice, criminology, law enforcement, adjudication, and corrections.
6. First-hand experience in the theoretical and practical applications of justice studies.

**In the Psychology and psychology: secondary education major:**

Students completing the Psychology major will be able to demonstrate an understanding of and/or the ability to engage in the following.

1. Knowledge Base in Psychology
2. Scientific Inquiry and Critical Thinking
3. Ethical and Social Responsibility in a Diverse World
4. Communication
5. Professional Development

Students who major in Psychology need to be aware that some elective psychology courses may require a discussion or disclosure of personal information, such as relationships with parents or significant others.

**In the Behavioral Science AA and General Studies, History, History-Public History, and Social Science majors:**

Students completing a History, History–Public History, or Social Science major will be able to demonstrate knowledge and skills related to all of the following. Students completing a Behavioral Science AA or General Studies major will be able to demonstrate knowledge and skills related to outcomes #1 and #2.

1. Think critically and analytically about social phenomena through reading, writing, and discussion.
2. Demonstrate an understanding and appreciation of the diversity of human perspectives and behaviors.
3. Conduct social science research by formulating research questions and applying appropriate research methods (quantitative/qualitative) and theory.
4. Be prepared to engage in constructive activities outside of the Social Sciences program, such as through acceptance into graduate/professional programs, internships, paid employment, community service, and the like.

**In the Social Work major:**

Students completing the Social Work major will be able to demonstrate knowledge, values, skills, and cognitive and affective processes related to the following.

1. Demonstrate ethical and professional behavior.
2. Engage diversity and difference in practice.
3. Advance human rights and social, economic, and environmental justice.
4. Engage in practice-informed research and research-informed practice.
5. Engage in policy practice.
6. Engage with individuals, families, groups, organizations, and communities.
7. Assess individuals, families, groups, organizations, and communities.
8. Intervene with individuals, families, groups, organizations, and communities.
9. Evaluate practice with individuals, families, groups, organizations, and communities.

**Secondary Education**

1. The program completer understands how learners grow and develop, recognizing that patterns of learning and development vary individually within and across the cognitive, linguistic, social, emotional, and physical areas, and designs and implements developmentally appropriate and challenging learning experiences.
2. The program completer uses understanding of individual differences and diverse cultures and communities to ensure inclusive learning environments that enable each learner to meet high standards.
3. The program completer works with others to create environments that support individual and collaborative learning, and that encourage positive social interaction, active engagement in learning, and self motivation.
4. The program completer understands the central concepts, tools of inquiry, and structures of the discipline(s) he or she teaches and creates learning experiences that make the discipline accessible and meaningful for learners to assure mastery of the content.

5. The program completer understands how to connect concepts and use differing perspectives to engage learners in critical thinking, creativity, and collaborative problem solving related to authentic local and global issues.
6. The program completer understands and uses multiple methods of assessment to engage learners in their own growth, to monitor learner progress, and to guide the teacher's and learner's decision making.
7. The program completer plans instruction that supports every student in meeting rigorous learning goals by drawing upon knowledge of content areas, curriculum, cross-disciplinary skills, and pedagogy, as well as knowledge of learners and the community context.
8. The program completer understands and uses a variety of instructional strategies to encourage learners to develop deep understanding of content areas and their connections, and to build skills to apply knowledge in meaningful ways.
9. The program completer engages in ongoing professional learning and uses evidence to continually evaluate his/her practice, particularly the effects of his/her choices and actions on others (learners, families, other professionals, and the community), and adapts practice to meet the needs of each learner.
10. The program completer seeks appropriate leadership roles and opportunities to take responsibility for student learning, to collaborate with learners, families, colleagues, other school professionals, and community members to ensure learner growth, and to advance the profession.

## Assessment

In order to obtain regular feedback on program excellence, the Division requires that all graduating seniors participate in a graduate assessment that includes:

- Senior research projects and presentations, including a capstone experience with quantitative or qualitative research.
- Area Concentration Achievement Test (ACAT) for Justice Studies.
- Social Work Education Assessment Package (SWEAP) pre- and post-assessments for Social Work majors.
- The graduate follow-up survey.

## Minors, Certificates, Transfer Programs

- Anthropology
- Behavioral Science
- Environmental Studies
- Global Studies
- History
- Justice Studies
- Native American Studies
- Political Psychology
- Political Science
- Psychology
- Social Science
- Sociology
- Women's and Gender Studies

## Clubs, Honor Societies, Other Activities

### Clubs

- Gender-Sexuality Alliance Club
- Psychology Club
- Student Organization of Social Work Club (Lewiston and Coeur d'Alene)
- Anthropology Club
- PoliSci Club
- Justice Studies
- Women in Lasting Leadership
- Warrior History Club
-

## Honor Societies

- PSI CHI Honor Society of Psychology
- Nu-Chi Chapter of Phi Alpha National Social Work Honors Society
- Phi Alpha Theta History Honor Society

### ADS-343 INTRODUCTION TO ADDICTION STUDIES 3.00 Credits

This intensive introductory course provides a comprehensive overview of the field of addiction counseling. It focuses on current therapeutic trends, strategies, and counseling approaches used in the treatment of addiction, as well as ethical considerations. Relapse and prevention strategies, along with treatment of special populations, will also be covered. Pre-requisites: PSYC-101, or the permission of the instructor. Crosslisted with PSYC-343.

### ADS-442 ETHICAL PRINCIPLES IN COUNSELING 3.00 Credits

Topics covered include federal and state laws, client welfare as a primary concern, professional competence-supervision/development, financial issues, personal wellness, and relationships to professionals and institutions. Development of students' ability to conceptualize ethical issues, utilize an appropriate model for resolution, and appreciate personal values and modes of ethical problem-solving are also considered. Fee required. Pre-requisite: PSYC-101 or PSYC-205 or permission of instructor. Cross-listed with PSYC-442.

### ADS-443 CASE MANAGEMENT AND CHEMICAL DEPENDENCY 3.00 Credits

The course focuses on practical application and administration of Case Management Services in health and human service delivery systems in Idaho. Case management studies emphasize clinical focus on case management services that apply to Rural and Frontier settings in Idaho. Students work with case management models where case management and records monitoring occur, from hospital, in-patient care to out patient settings in rural communities. Students are exposed to various treatment populations such as High Risk populations including AIDS/HIV populations, elderly, Native American, as well as gender specific issues. Students will be exposed to other disciplines such as Mental Health, Voc-Rehab. as well as Developmental Disability populations. Pre-requisites: PSYC-101 or permission of instructor. Cross-listed with PSYC-443.

### ADS-444 CHEMICAL DEPENDENCY AND PHARMACOLOGY 3.00 Credits

Introduction to basic concepts of drug absorption, distribution and effect. It is intended to provide substance abuse counselors with a broad background in the understanding of drug effects and operations. Additionally, to allow the student to have a base of knowledge of pharmacology upon which instruction and education of clients can be facilitated. Fulfills the requirement for certification for both Idaho and Washington State Certification Boards. Includes concepts of basic neuroanatomy, concepts of drug absorption and drug elimination, anatomy of drug effects, and consequences of long term drug use. A comprehensive survey of entities and agencies that govern Controlled Substances and ODT issues. A global perspective on the physiology and pharmacology of different classes of drugs both those illegal and legal, abused and those used for treatment in institutions. Pre-requisites: PSYC-101 and PSYC-205, or permission of instructor. Cross-listed with PSYC-444.

### ADS-446 CHEMICAL DEPENDENCY AND FAMILY SYSTEM 3.00 Credits

Includes behavioral patterns in dysfunctional family systems, intervention techniques and best practice model programs in dealing with family issues surrounding addiction problems. This course will expose the student to a plethora of various approaches to family systems and cultures that are diverse in nature. Students will create and experience sculpting, remodeling and replicating family roles and dysfunctional systems within a learning lab model. Students will study and become intimately acquainted with the roles of family dysfunction and dependency issues. Additionally, the student will review historical perspectives that help shape and steer the current modes of treatment for this underserved population within the addictions field. Pre-requisites: PSYC-101 and PSYC-205, or permission of instructor. Cross-listed with PSYC-446.

### ADS-448 CHEMICAL DEPENDENCY AND THE GROUP APPROACH 3.00 Credits

Identifies specific needs and treatment issues of the chemically dependent client. It is designed to provide both a cognitive and an experiential base from which the student can develop competency in treating this special population. Fulfills the requirements for certification as a chemical dependency counselor. Competency based education models for learning and integration of skills and techniques will be utilized. Pre-requisite: PSYC-101 or PSYC-205 or permission of instructor. Cross-listed with PSYC-448.

### ADS-449 ASSESMENT/SCREENING AND CHEMICAL DEPENDENCY COUNSELING 3.00 Credits

Reviews techniques for intake screening and assessment of chemical dependency clients. Appropriate for use in multiple settings. Field experience is included. Pre-requisites: PSYC-101 or PSYC-205 or permission of instructor. Cross-listed with PSYC-449.

### ADS-470 CRISIS INTERVENTION 3.00 Credits

Introduction and comprehensive overview of crisis intervention. Basic principles and theory of crisis intervention will be presented. Gives a foundation toward developing the skills to effectively deal with others in a crisis situation. Included are special populations/topics such as war veterans, rape, adult survivors, national disasters and other topics. Pre-requisites: PSYC-101 or PSYC-205, or permission of instructor. Cross-listed with PSYC-470.

### ADS-476 BLOOD BORNE PATHOGENS 2.00 Credits

This course is designed to inform students about blood borne pathogens and infectious diseases within the addictions framework. The goal is for all students to understand the methods of transmission, prevention, and the substance abusing population's needs in regards to blood borne pathogens. Prerequisite: PSYC-101 or PSYC-205 or permission of instructor. Crosslisted with PSYC-476.

### ADS-492 SPECIAL TOPICS IN PSYCHOLOGY 1.00-3.00 Credits

#### ADS-495 PRACTICUM IN PSYCHOLOGY 1.00-12.00 Credits

Emphasizes the development of the basic helping skills and/or psychological research skills through a supervised field experience in a substance abuse treatment setting. Learning plans and goals will be defined to target students desiring a specific field experience in various settings utilizing addictions professionals and programs. Pre-requisites: PSYC-442 and permission of the instructor. Cross-listed with PSYC-495.

**AERO-101 HERITAGE AND VALUES I 1.00 Credit**

Introduces students to the Air Force and AFROTC. Leadership Laboratory is mandatory for AFROTC.

**AERO-102 HERITAGE AND VALUES II 1.00 Credit**

Introduces students to the Air Force and AFROTC. Leadership Laboratory is mandatory for AFROTC.

**AERO-103 LEADERSHIP LABORATORY I 2.00 Credits**

Students learn and apply leadership management, problem-solving, and communication skills; learn about and apply physical conditioning programs; and learn about Air Force organization, functions, customs/courtesy, and drill and ceremonies. Leadership Laboratory is mandatory for AFROTC cadets.

**AERO-201 TEAM AND LEADERSHIP FUNDAMENTALS I 1.00 Credit**

Fundamental principles of leadership, followership, team building, and accountability within military. Develops communication skills. Cadets also attend weekly leadership laboratory.

**AERO-202 TEAM AND LEADERSHIP FUNDAMENTALS II 1.00 Credit**

Fundamental principles of leadership, followership, team building, and accountability within military. Develops communication skills. Cadets also attend weekly leadership laboratory.

**AERO-203 LEADERSHIP LABORATORY II 2.00 Credits**

Students learn and apply leadership management, problem-solving, and communication skills; learn about and apply physical conditioning programs; and learn about Air Force organization, functions, customs/courtesy, and drill and ceremonies. Leadership Laboratory is mandatory for AFROTC cadets.

**AERO-281 FOUR-WEEK FIELD TRAINING COURSE 2.00 Credits**

Pre-requisites: Junior standing; Aero Studies 101,102, 201, 202; by interview only. Intensive study of military education, experience in leadership and management at an active Air Force installation. S, F grading.

**AERO-282 SIX-WEEK FIELD TRAINING COURSE 6.00 Credits**

Pre-requisites: Junior standing; by interview only; applicants must apply at least six months in advance. Intensive study of academic core course work and military education at an active Air Force installation. S, F grading.

**AERO-290 DIRECTED STUDY IN AEROSPACE STUDIES 1.00 Credit****AERO-292 SPECIAL TOPICS IN AEROSPACE 1.00-4.00 Credits****AERO-311 LEADING PEOPLE AND EFFECTIVE COMMUNICATION I 3.00 Credits**

Examines leadership, management, professional knowledge, Air Force personnel and evaluation systems, and leadership ethics. Leadership Laboratory is mandatory for AFROTC.

**AERO-312 LEADING PEOPLE AND EFFECTIVE COMMUNICATION II 3.00 Credits**

Examines leadership, management, professional knowledge, Air Force personnel and evaluation systems, and leadership ethics. Leadership Laboratory is mandatory for AFROTC.

**AERO-313 LEADERSHIP LABORATORY III 2.00 Credits**

Students learn and apply leadership management, problem-solving, and communication skills; learn about and apply physical conditioning programs; and learn about Air Force organization, functions, customs/courtesy, drill and ceremonies. Leadership Laboratory is mandatory for AFROTC cadets.

**AERO-390 DIRECTED STUDY IN AEROSPACE STUDIES 1.00-4.00 Credits****AERO-392 SPECIAL TOPICS IN AEROSPACE 1.00-4.00 Credits****AERO-411 NATIONAL SECURITY, LEADERSHIP, & COMMISSIONING PREPARATION I 3.00 Credits**

Examines national security, regional studies, advanced leadership ethics, and Air Force doctrine. A mandatory Leadership Laboratory complements this course.

**AERO-412 NATIONAL SECURITY, LEADERSHIP, & COMMISSIONING PREPARATION II 3.00 Credits**

Examines national security, regional studies, advanced leadership ethics, and Air Force doctrine. A mandatory Leadership Laboratory complements this course.

**AERO-413 LEADERSHIP LABORATORY IV 2.00 Credits**

Students learn and apply leadership management, problem-solving, and communication skills; learn about and apply physical conditioning programs; and learn about Air Force organization, functions, customs/courtesy, and drill and ceremonies. Leadership Laboratory is mandatory for AFROTC cadets.

**AERO-490 DIRECTED STUDY IN AEROSPACE STUDIES 1.00 Credit****AERO-492 SPECIAL TOPICS IN AEROSPACE 1.00-4.00 Credits****ANTH-101 INTRODUCTION TO PHYSICAL ANTHROPOLOGY 3.00 Credits**

The primary focus is on primate and hominid evolution, and the related development of culture. Other topics include introductions to paleontology, taxonomy, genetics, human population biology, and primate ethnology.



**ANTH-102 CULTURAL ANTHROPOLOGY 3.00 Credits**

A general introduction to the field of cultural anthropology. The course exposes students to an anthropological perspective on culture and humanity. Cross-cultural comparisons of language, ecology, economy, kinship/family, gender, social stratification, and change comprise the main topics. Theories of culture and methods of studying culture are briefly described.

**ANTH-120 WORLD PREHISTORY 3.00 Credits**

This course takes a world-historical approach in discussing the development of humanity and culture over the past 5 million years. Examples are drawn from all continents. Theories of human and cultural development are introduced.

**ANTH-170 INTRODUCTION TO NATIVE AMERICAN STUDIES 3.00 Credits**

Issues facing contemporary native people are studied in the context of basic information about American Indian people in the United States. The diversity of Native historical roots and current social settings are discussed. The approach is topical and selective, rather than comprehensive.

**ANTH-192 SPECIAL TOPICS IN ANTHROPOLOGY 3.00 Credits****ANTH-195 PRACTICUM IN ANTHROPOLOGY 1.00-12.00 Credits****ANTH-205 GLOBAL ISSUES IN CULTURAL PERSPECTIVE 3.00 Credits**

This course helps students to frame local issues in a global perspective by examining the relationship between globalization and cultural change. Globalization is the process of rapid technological, social, and cultural change. These changes have a profound affect on people's world view because they are intertwined with many local issues, such as health, environmental change, and violence.

**ANTH-289 FIELD SCHOOL ARCHAEOLOGY 1.00-8.00 Credits**

Diversity of human cultures; social organizations, subsistence patterns, economics, law, politics, religion, language and other institutions of culture explored through on-site field studies. Pre-requisite: Permission of the instructor. Students will be responsible for expenses associated with field school.

**ANTH-290 DIRECTED STUDY IN ANTHROPOLOGY 1.00-3.00 Credits****ANTH-291 WORKSHOP IN ANTHROPOLOGY 1.00-3.00 Credits****ANTH-292 SPECIAL TOPICS IN ANTHROPOLOGY 1.00-3.00 Credits****ANTH-295 PRACTICUM IN ANTHROPOLOGY 1.00-6.00 Credits****ANTH-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****ANTH-310 CULTURE AND HEALTH 3.00 Credits**

The linguistic and cultural dimensions of health and health care are examined through comparisons of traditional and 'Western' medical systems. Topics include world view, values, stress and development, and social organization.

**ANTH-311 CULTURE AND EDUCATION 3.00 Credits**

The sociocultural dimensions of learning/teaching are examined by contrasting educational experiences in different communities and cultural traditions. Topics include language, enculturation, socialization, schooling, and cultural hegemony. Pre-requisites: ANTH-102, SS-150, Post-Baccalaureate, or instructor permission.

**ANTH-320 NORTH AMERICAN INDIANS 3.00 Credits**

The regional similarities and differences of native peoples are broadly described. Issues such as the impact of the Colombian exchange, conquest and accommodation, and sociocultural change affecting indigenous culture are discussed using ethnographic examples.

**ANTH-360 RACE AND ETHNICITY 3.00 Credits**

An introduction to the theoretical and substantive issues in the study of race and ethnicity. Students learn about the historical development of race and ethnicity as social categories and examine contemporary race and ethnic relations in the United States and other societies.

**ANTH-365 COMPARATIVE RELIGION 3.00 Credits**

The world's major religious traditions are outlined emphasizing the sociocultural context of doctrine, ritual, community, and the individual. Pre-requisite: Junior standing or permission of the instructor.

**ANTH-368 SEX, EVOLUTION AND HUMAN NATURE 3.00 Credits**

Human sexuality, male-female relations, cooperation, violence and parent-child relations examined cross-culturally and in nonhuman primates utilizing evolutionary and biocultural perspectives. Pre-requisites: ENGL-102 or ENGL-109, or permission from the instructor. Cross-listed with PSYC-368.

**ANTH-380 CULTURE AND ENVIRONMENT 3.00 Credits**

Humans have always altered their environment, but in the last fifty years we have witnessed and experienced global environmental changes with no precedent in human history. Anthropology and Geography provide unique lenses from which to analyze the diversity of approaches to understanding and responding to environmental issues. This course provides an introduction to perspectives on human interaction with the environment and emphasizes the mutual interconnectedness of people and nature. How have humans shaped the environment over time and how has the environment shaped human societies? From a holistic and cross-cultural perspective we can investigate the cultural variation and ingenuity in human adaptive strategies around the globe; improving our understanding of contemporary environmental problems and their solutions. Cross-listed with GEOG-380.

**ANTH-386 ETHNOGRAPHY 3.00 Credits**

In this course, students will be introduced to the qualitative and quantitative methods of Ethnography, the process of developing "natural histories" of daily community life, and will apply these methods by designing and conducting a limited ethnographic research project.



**ANTH-390 DIRECTED STUDY IN ANTHROPOLOGY 1.00-3.00 Credits****ANTH-391 WORKSHOP IN ANTHROPOLOGY 1.00-3.00 Credits****ANTH-392 SPECIAL TOPICS IN ANTHROPOLOGY 1.00-3.00 Credits****ANTH-394 INTERNSHIP IN ANTHROPOLOGY 1.00-12.00 Credits**  
INTERNSHIP IN ANTHROPOLOGY.**ANTH-395 PRACTICUM IN ANTHROPOLOGY 1.00-6.00 Credits****ANTH-399 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****ANTH-450 ETHNOGRAPHY OF A SELECTED AREA 3.00 Credits**

A cultural, social, and linguistic overview of a world region (e.g., Africa, South America, India) selected by the instructor. The region's major cultural patterns and variations will be outlined through particular cultures. Pre-requisite: ANTH-102.

**ANTH-489 FIELD SCHOOL ANTHROPOLOGY 1.00-8.00 Credits**

Diversity of human cultures; social organizations, subsistence patterns, economics, law, politics, religion, language and other institutions of culture explored through on-site field studies. Pre-requisite: Permission of the instructor. Students will be responsible for expenses associated with field school.

**ANTH-490 DIRECTED STUDY IN ANTHROPOLOGY 1.00-3.00 Credits****ANTH-491 WORKSHOP IN ANTHROPOLOGY 1.00-3.00 Credits****ANTH-492 SPECIAL TOPICS IN ANTHROPOLOGY 1.00-3.00 Credits****ANTH-494 INTERNSHIP IN ANTHROPOLOGY 1.00-6.00 Credits****GEOG-102 INTRODUCTION TO GEOGRAPHY 3.00 Credits**

This course uses the world-regional approach. That is, it is designed to offer students an introduction to the study of the interconnections among places and humans in the context of continuous change. It links geography to related physical sciences and social sciences.

**GEOG-380 CULTURE AND ENVIRONMENT 3.00 Credits**

Humans have always altered their environment, but in the last fifty years we have witnessed and experienced global environmental changes with no precedent in human history. Anthropology and Geography provide unique lenses from which to analyze the diversity of approaches to understanding and responding to environmental issues. This course provides an introduction to perspectives on human interaction with the environment and emphasizes the mutual interconnectedness of people and nature. How have humans shaped the environment over time and how has the environment shaped human societies? From a holistic and cross-cultural perspective we can investigate the cultural variation and ingenuity in human adaptive strategies around the globe; improving our understanding of contemporary environmental problems and their solutions. Cross-listed with ANTH-380.

**GEOG-465 GLOBALIZATION, GEOGRAPHY, AND THE STATE 3.00 Credits**

Through this course students will gain an understanding of the political, social, cultural, economic, technological, and environmental aspects of globalization. The emphasis is on the implications of the conception and power of the state and the role spatial processes play in globalization and development. Cross-listed with POLS-465. Pre-requisite: ENGL-102 or ENGL-109, or permission of instructor.

**HIST-101 WORLD HISTORY I 3.00 Credits**

Surveys the development of society from Paleolithic era to the Reformation. Focuses on several facets of selected cultures, such as the evolution of civilizations, religion and philosophy, rhetorical tradition, and the unfolding of world commerce.

**HIST-102 WORLD HISTORY II 3.00 Credits**

Advent of the political and economic revolutions of the eighteenth and nineteenth centuries. Consequences of war, extension of economic, political, and social relationships beyond national borders. Identifies and expounds four themes: Development of Western World; Emergence of World System; Revolution and Ideology; War and Peace in the Twentieth Century.

**HIST-111 UNITED STATES HISTORY I 3.00 Credits**

A survey of U.S. political, diplomatic, economic, social, and cultural history through the end of the Civil War. The class is designed to illustrate that the past is distinct from the present (the "past is a foreign country") yet provides a context for understanding our own time.

**HIST-112 UNITED STATES HISTORY II 3.00 Credits**

A survey of U.S. political, diplomatic, economic, social, and cultural history from 1865 to the present. The class is designed to illustrate that the past is distinct from the present (the "past is a foreign country") yet provides a context for understanding our own time.

**HIST-115 TRANSNATIONAL AMERICAN HISTORY 6.00 Credits**

This six-credit course combines the material from the two U.S. history surveys (HIST 111 and HIST 112) as well as elements of the second half of the World history survey (HIST 102) into a single course and examines that history in a "transnational" fashion. That is, it looks at American history in a global context. In some cases, that means events in America at certain times paralleled events in other places. In other instances, the course will look at how events in American history were shaped by broader international developments and vice versa. Pre-requisite: Sophomore status or higher; or permission of instructor.

**HIST-190 DIRECTED STUDY IN HISTORY 1.00-3.00 Credits****HIST-200 KEYS TO HISTORICAL RESEARCH 3.00 Credits**

Historiography is the history of history. This course centers on concepts and methods of history and those individuals who most contributed to historical thought. The role of the historian will be studied through the lives and methods of some of the foremost in the field.

**HIST-240 NATIVE AMERICAN HISTORY 3.00 Credits**

An examination of Native Americans' distinctive histories, cultures, and relations with non-Indian peoples and states. The course will include discussion of how the Native American past continues to influence Native and non-Native people in the present. Pre-requisite: ENGL-101.

**HIST-290 DIRECTED STUDY IN HISTORY 1.00-3.00 Credits****HIST-291 WORKSHOP IN HISTORY 1.00-3.00 Credits****HIST-292 SPECIAL TOPICS IN HISTORY 1.00-3.00 Credits****HIST-295 PRACTICUM IN HISTORY 1.00-12.00 Credits****HIST-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****HIST-300 INTRODUCTION TO PUBLIC HISTORY HISTORY 3.00 Credits**

An overview of Public History that analyzes the applied use of history in areas such as archives, consulting, museum studies, government agencies, litigation support, and historic preservation. Through projects, readings in professional journals, field trips, and guest speakers, students learn about various aspects of Public History. The course will also emphasize the many career opportunities for historians outside of teaching. Pre-requisite: ENGL-102 or ENGL-109 and completion of Social Science Core, or permission of instructor.

**HIST-301 PROJECTS IN PUBLIC HISTORY 3.00 Credits**

This course will focus on a specific sub-field in Public History (Cultural Resource Management, archival management, museum studies, historic preservation, and consulting work). Students will receive hands-on experience in a selected sub-field working on a historical project, providing both practice, theory, and experiential learning for students. This class is a methodology course that culminates in a final Public History project. Pre-requisite: HIST-300 or permission from the instructor.

**HIST-333 AFRICA AND THE WORLD 3.00 Credits**

A survey from pre-history to modern times through historical sources, literature, film and music. Pre-requisite: ENGL-102 or ENGL-109; and completion of Social Science core; or permission of instructor.

**HIST-336 IMPERIALISM AND THE MODERN WORLD 3.00 Credits**

Focuses on imperialism at the global level since 1492, with particular focus on the period since 1800. Pre-requisites: ENGL-102 or ENGL-109; and completion of Social Science core; or permission of instructor.

**HIST-340 HISTORY OF THE NEZ PERCE TRIBE 3.00 Credits**

An examination of the unique history of this tribe from prehistory to modern times. This will include a cultural-historical approach to the Nez Perce-White relations emphasizing the missionary period, the 1855 Treaty, tribal divisions and White encroachments. The Nez Perce War will be studied and post-war history including the Oklahoma exile, reservation allotment (1895) and modern developments, including fishing, hunting, health and gambling issues. Pre-requisite: ENGL-102 or ENGL-109; and completion of Social Science Core; or permission of instructor.

**HIST-360 HISTORY OF MOTION PICTURES 3.00 Credits**

Examines the history and development of the motion picture art. Pre-requisite: ENGL-102 or ENGL-109; and completion of Social Science Core; or permission of instructor.

**HIST-370 HISTORY OF ASIA 3.00 Credits**

A study of political and cultural developments in China, Japan, India and other Asian countries. Recent trends and relations with the West will be emphasized. Pre-requisite: ENGL-102 or ENGL-109; completion of Social Science Core; or permission of instructor.

**HIST-390 DIRECTED STUDY IN HISTORY 1.00-3.00 Credits****HIST-391 WORKSHOP IN HISTORY 1.00-3.00 Credits****HIST-392 SPECIAL TOPICS IN HISTORY 1.00-3.00 Credits****HIST-395 PRACTICUM IN HISTORY 1.00-12.00 Credits****HIST-399 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****HIST-410 HISTORY OF UNITED STATES INDIAN POLICY 3.00 Credits**

This course will examine United States government policies affecting American Indians from the 18th century to recent times. Attention will be paid to the creation, implementation, and impact of government actions, as well as to the ways Native Americans have influenced policy. Pre-requisite: HIST-111 or HIST-112; and ENGL-102 or ENGL-109; and completion of Social Science Core; or permission of instructor.

**HIST-423 HISTORY OF IDAHO AND THE PACIFIC NORTHWEST 3.00 Credits**

An examination of the social, cultural, political, and economic history of the areas now known as Idaho and the Pacific Northwest in a state, regional, and national context. Particular emphasis will be given to the life experiences of ordinary men and women of varied ethnic backgrounds and to the question of how the region's past has shaped the present day nature of the Pacific Northwest. Pre-requisite: ENGL-102 or ENGL-109; and completion of Social Science Core; or permission of instructor.

**HIST-424 AMERICAN WOMEN'S HISTORY 3.00 Credits**

This course focuses on women's lives in American history, examining the social, political, cultural, and economic history of women. Considers how the history of America looks different through women's eyes, how women of all races and classes experienced events (both locally and nationally), and how women's lives changed over time. Pre-requisite: HIST-111 or HIST-112; and ENGL-102 or ENGL-109; and completion of Social Science Core; or permission of instructor.

**HIST-425 HISTORY OF THE AMERICAN WEST 3.00 Credits**

An examination of the history of the Trans-Mississippi American West, including social, cultural, political, and economic developments from earliest times to the present. Pre-requisite: ENGL-102 or ENGL-109; and completion of Social Science Core; or permission of the instructor.

**HIST-426 WOMEN IN THE WEST 3.00 Credits**

This course explores the many different histories of women in the West, through their own words, through literature, through film, and through recent scholarship by western women's historians. The course will examine how the history of the American West looks different through women's eyes, considering whether women of all races and classes experienced greater "freedom" or opportunity in the West as opposed to women back east. Finally, the course will also examine how researching women's roles and experiences in the West changes the larger historical narrative of what is typically considered within the West. Pre-requisites: HIST-111 or HIST-112; and ENGL-102 or ENGL-109; and completion of the Social Science Core; or permission of instructor.

**HIST-429 ORIGINS OF AMERICAN FOREIGN POLICY 3.00 Credits**

The class examines the origins and development of major foreign policies within the context of international linkages, diplomatic organizations, and diplomatic procedures. Pre-requisites: ENGL-102 or ENGL-109; and completion of Social Science Core; or permission of instructor. Cross-listed with POLS-429.

**HIST-430 THE US AND PACIFIC RIM AFFAIRS 3.00 Credits**

A detailed examination of new and continuing issues facing the United States as it has dealt with the peoples and nations of the Pacific Rim. Pre-requisites: ENGL-102 or ENGL-109; and completion of Social Science Core; or permission of instructor.

**HIST-444 HISTORY BEHIND THE NEWS 3.00 Credits**

Students in this research-oriented course examine the historical context surrounding current events and the political economy of global media systems. Lectures and class discussions in the first half of the semester prepare students for conducting independent research projects during the second half of the semester. Pre-requisites: ENGL-102 or ENGL-109; and completion of Social Science Core; or permission of instructor.

**HIST-446 HISTORY OF AMERICAN POPULAR CULTURE SINCE 1930 3.00 Credits**

An examination of how popular culture both reflects larger trends in society as well as how it shaped U.S. history since 1930. This course uses popular culture as a lens through which to view larger society and culture by examining how popular culture mirrored larger themes and events, and influenced the nation's responses. Prerequisites: ENGL-102 or ENGL-109; and completion of Social Science core; or permission of instructor.

**HIST-448 HISTORY OF EARLY AMERICA 3.00 Credits**

Examines the history of North America from pre-contact through the American Revolution. Specific areas of interest will be the cultural exchanges between different groups and nations; the impact of European empires on North America; the development of colonial culture; and the roads to revolution within the British colonies. Prerequisites: ENGL-102 or ENGL-109; and completion of Social Science core; or permission of instructor.

**HIST-450 CIVIL WAR AND RECONSTRUCTION 3.00 Credits**

This course will examine the causes and consequences of the American Civil War, paying attention to slavery, sectional differences (political, cultural, social, and economic), the course of the war, ideas of freedom and citizenship, and the political and social challenges and conflicts during Reconstruction. Prerequisites: ENGL-102 or ENGL-109; and completion of Social Science core, or permission of instructor.

**HIST-451 GILDED AGE AMERICA, 1877-1900 3.00 Credits**

The Gilded Age is a period in American history from roughly the 1870s to the early 1900s. This course will explore the major trends of this era including unprecedented economic and industrial growth, the rise of imperialism, urban expansion, political and corporate corruption, race relations, and conflict with labor. Pre-requisite: ENGL-102 or ENGL-109; and completion of Social Science Core; or permission from the instructor.

**HIST-454 HISTORY OF EUROPE (1815-1914) 3.00 Credits**

A detailed study of major European countries from the Congress of Vienna to the First World War. Pre-requisites: ENGL-102 or ENGL-109; and completion of Social Science Core; or permission of instructor.

**HIST-456 HISTORY OF EUROPE (1914 TO PRESENT) 3.00 Credits**

A detailed study of major European countries and events from World War I to the present. Pre-requisites: ENGL-102 or ENGL-109; and completion of Social Science Core; or permission of instructor.

**HIST-460 RUSSIAN HISTORY 3.00 Credits**

A history of the major political, cultural, social and intellectual developments in Russia from the earliest times to the present. Pre-requisites: ENGL-102 or ENGL-109; and completion of Social Science Core; or permission of instructor.

**HIST-465 LATIN AMERICAN HISTORY 3.00 Credits**

A study of Latin American from Napoleonic wars to Castro's Cuba. Economic, political and social issues are described. Pre-requisites: ENGL-102 or ENGL-109; and completion of Social Science Core; or permission of instructor.

**HIST-473 MIDDLE EASTERN HISTORY 3.00 Credits**

This course examines the social, political, intellectual, and economic development of the Middle East from the Ottoman empire of the nineteenth century to the present. The course will discuss how the region has been impacted by nationalism and imperialism and explore the events that have shaped the Middle East over the last century. Pre-requisites: ENGL-102 or ENGL-109; and completion of Social Science Core; or permission from the instructor.

**HIST-490 DIRECTED STUDY IN HISTORY 1.00-3.00 Credits****HIST-491 WORKSHOP IN HISTORY 1.00-3.00 Credits****HIST-492 SPECIAL TOPICS IN HISTORY 1.00-3.00 Credits****HIST-493 Service Learning in History 12.00 Credits****HIST-494 INTERNSHIP IN HISTORY 1.00-6.00 Credits****HIST-495 PRACTICUM IN HISTORY 1.00-12.00 Credits****HIST-499 RESEARCH PROJECT AND SEMINAR IN HISTORY 1.00-12.00 Credits**

A senior seminar that investigates historiography. Pre-requisites: ENGL-102 or ENGL-109; and completion of Social Science Core; or permission of instructor.

**JS-103 INTRODUCTION TO CRIMINAL JUSTICE 3.00 Credits**

An account of the purpose, function, and history of the agencies dealing with the administration of justice, providing a survey of criminal law, criminal procedures, organizations and law enforcement agencies, courts, and corrections.

**JS-190 DIRECTED STUDY IN JUSTICE STUDIES 1.00-12.00 Credits****JS-193 SERVICE LEARNING 1.00-12.00 Credits****JS-201 POLICE IN AMERICA 3.00 Credits**

This course reflects the commitment to the ideal of a professional police force in a free society. That means the police should be responsive to the needs of the public, as indicated through an open political process, and responsive to the rule of law. These ideals will be conveyed to the student by a focus on major contemporary issues affecting our societal order.

**JS-202 CORRECTIONS IN AMERICA 3.00 Credits**

A survey of the historical, philosophical, and legal bases of correctional procedures and institutions and an examination of current problems and innovations.

**JS-225 CRIMINAL PROCEDURE 3.00 Credits**

An examination of the procedural aspects of criminal law. Specific applications of procedures by actors in the criminal justice process including police, prosecutors, defense attorneys, judges, and corrections officials. This examination will provide a basic understanding of state and local legal codes, as well as current applications of law in both arrest and search and seizure.

**JS-275 PRINCIPLES OF INTERVIEWING AND CASE STUDIES 3.00 Credits**

The application of behavioral theory in interviewing and case study analysis is shown in this course by examining interpersonal behavior, symbolic interaction, nonverbal behavior, and levels of communication involved in the interviewing process.

**JS-280 PRINCIPLES OF CRIMINAL INVESTIGATIONS 3.00 Credits**

The principles guiding criminal investigation, such as deductive/inductive reasoning, managing criminal investigations, preliminary investigation at the crime scene, and specific duties and identification techniques, are outlined.

**JS-290 DIRECTED STUDY IN JUSTICE STUDIES 1.00-12.00 Credits**

Written permission must be secured from the supervising instructor and the Chairperson of the Social Sciences Division prior to enrollment. May be repeated.

**JS-291 WORKSHOP IN JUSTICE STUDIES 3.00 Credits****JS-292 SPECIAL TOPICS IN JUSTICE STUDIES 1.00-3.00 Credits****JS-295 PRACTICUM IN JUSTICE STUDIES 1.00-12.00 Credits**

Criminal Justice majors obtain field experience supervised by officials of law enforcement, court, and/or corrections agencies.

**JS-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****JS-302 COMMUNITY-BASED CORRECTIONS 3.00 Credits**

This course provides an overview of the purposes and goals of community-based corrections and its various components, including probation, parole, and intermediate sanctions. Topics addressed include the historical and theoretical foundations of community-based corrections, pre-sentence investigations, sentencing, managing/reducing risk in the community, and emerging trends in the field.

**JS-310 ORGANIZATION AND ADMINISTRATION OF JUSTICE 3.00 Credits**

Students study behavior in the justice system as influenced by organizational structure, technology, managerial policies, supervisory patterns, individual need, and group relations. Pre-requisite: JS-103 or instructor's permission.

**JS-320 JUVENILE DELINQUENCY 3.00 Credits**

The theories of causation, prevention, control, and treatment of delinquency in contemporary society are studied. Included in this survey are modes of treatment, methods of diverting youth-related problems from the juvenile courts to other community resources, and post-treatment adjustment. Cross-listed with SOC-320.

**JS-325 CRIMINAL LAW 3.00 Credits**

A course dealing with the substantive law of crimes which examines the rights and duties of persons to each other and to society in general. It emphasizes historical development, criminal responsibility, and defenses. Pre-requisite: JS-103 or instructor's permission.

**JS-333 WHITE COLLAR CRIME 3.00 Credits**

The costs, causes, and control of crime by and against businesses and other organizations; the relationship between trust and white collar crime; and the impact of the media in shaping perceptions of white collar crime will be studied. Pre-requisites: JS-103 or SOC-101 or SOC-102 and ENGL-102 or permission of instructor. Cross-listed with SOC-333.

**JS-345 CRIMINOLOGY 3.00 Credits**

Students study crime and society, theories of criminality, types and trends of crime, characteristics of criminals, social control, and criminological controversies. Pre-requisite: JS-103 or SOC-101 or instructor permission. Cross-listed with SOC-345.

**JS-390 DIRECTED STUDY IN JUSTICE STUDIES 1.00-12.00 Credits****JS-392 SPECIAL TOPICS IN JUSTICE STUDIES 1.00-3.00 Credits****JS-399 RESEARCH ASSISTANTSHIP 1.00-3.00 Credits**

This course is an opportunity for students to conduct applied research for criminal justice agencies. Pre-requisite: Lower core complete and permission of instructor.

**JS-401 COMMUNITY POLICING 3.00 Credits**

This course is an examination of the philosophy, tactics, problems and solutions encountered when the community and police engage in the teamwork of community policing. The course contains a service-learning component that combines community service with structured learning and reflection, connecting the needs of the community with coursework and our roles as citizens. Pre-requisite: JS-103 or permission of instructor.

**JS-402 REHABILITATION PROGRAMS 3.00 Credits**

This course examines the programs designed to reduce the likelihood that released prisoners will re-offend. Programs that aim to change criminal thinking, education, job training, and substance abuse programs will be studied. Program evaluation strategies will be explored. The course will include a field trip to a correctional facility in the area.

**JS-403 COMPARATIVE CRIMINAL JUSTICE SYSTEMS 3.00 Credits**

The functions, institutions, and operations of US and foreign criminal justice systems are compared. Pre-requisite: JS-103 or permission of instructor.

**JS-422 RACE, CLASS, GENDER & JUSTICE 3.00 Credits**

This course explores the effects of race, class and gender on the criminal justice system. Patterns of offending and victimization associated with the categories of race, class and gender will be studied. Students will study topics such as profiling, disparities in sentencing and the death penalty, minority overrepresentation in prison, responses to battering, and criminal justice system employment practices. Pre-requisite: JS-103 or SOC-101 or instructor permission. Cross-listed with SOC-422.

**JS-423 JUSTICE ISSUES AND PUBLIC POLICY 3.00 Credits**

Students study and discuss major issues, professional ethics, and policy analysis. Pre-requisite: Senior Justice Studies majors or instructor's permission.

**JS-425 VIOLENCE AND GENDER 3.00 Credits**

This course will provide an overview of gender-based violence. Crimes such as domestic violence, stalking, rape, sexual assault, and sexual harassment will be analyzed within a broader social context. Special attention will be given to how these crimes affect women and men, and how societal institutions (e.g., the criminal justice system, the health care system, employers, and social service providers) may better address the needs of victims and offenders. The course will be based on information gathered through current research, guest lectures, and scholarly and media resources. Pre-requisite: ENGL-102 or ENGL-109. Cross-listed with SOC-425.

**JS-475 CRIME, JUSTICE AND ETHICS 3.00 Credits**

This course addresses the ethical implications of decision-making and policy development in the criminal justice field, including the police, court, and corrections systems. Prerequisite: JS-103 and Junior or Senior standing; or permission of instructor.

**JS-480 VICTIMOLOGY 3.00 Credits**

This course involves the scientific study of crime victims and focuses on the physical, emotional, and financial harm people suffer at the hands of offenders. Emphasis is placed on victim-offender relationships, interactions between victims and the criminal justice system, and connections between victims and other social groups and institutions. Theories, history, research, legislation, and policy implications related to the social construction of "the victim" are explored. Pre-Requisites: ENGL-102 or ENGL-109; and a total of 24 credit hours in the General Education Core or instructor permission. Cross-listed with SOC-480.

**JS-484 CYBERCRIME 3.00 Credits**

This online course will examine the history, typologies, trends, and causes associated with computer crimes such as hacking, virus writing and cyberterrorism. The course will also address the legislation and law enforcement practices designed to prevent, investigate and prosecute computer crimes. Pre-requisite: JS-103 or permission of instructor.

**JS-490 DIRECTED STUDY IN JUSTICE STUDIES 1.00-12.00 Credits**

Written permission must be secured from the supervising instructor and the Chairperson of the Social Sciences Division prior to enrollment. May be repeated.

**JS-491 WORKSHOP IN JUSTICE STUDIES 3.00 Credits****JS-492 SPECIAL TOPICS IN JUSTICE STUDIES 1.00-3.00 Credits****JS-494 SPECIAL TOPICS IN JUSTICE STUDIES 1.00-12.00 Credits****JS-495 PRACTICUM IN JUSTICE STUDIES 1.00-12.00 Credits**

Justice Studies majors obtain field experience supervised by officials of law enforcement, court, and/or corrections agencies.

**JS-499 RESEARCH PROJECT AND SEMINAR IN JUSTICE STUDIES 3.00 Credits**

In this course, students will use the skills and knowledge they have developed during their undergraduate tenure to design and complete a research project in Justice Studies. Graded P/F only. Pre-requisite: PSYC-385 or SS-385 or permission of instructor.

**MS-101 INTRO TO ARMY AND CRITICAL THINKING 1.00 Credit**

Introduction to mission and organization of the US Army; provides background in role of an Army officer as a career choice in either the Active Army or the National Guard/Reserves; lecture, conference, and activities dealing with military subjects; participate in outdoor activities such as whitewater rafting, mountaineering, rifle marksmanship, and rappelling; texts and lab fees provided by dept; no mandatory uniform wear; students learn about available scholarships and other financial programs. Co-requisite: MS 111. Participation entails no military obligation.

**MS-102 INTRO TO THE PROFESSION OF ARMS 1.00 Credit**

Continuation of MS 101. Development of greater understanding of roles and responsibilities of Army officers; lecture, conference, and activities dealing with military subjects; participation in challenging outdoor activities such as orienteering, mountaineering, and weapons qualification; occasional uniform wear required; texts, uniforms, and lab fees provided by dept; more focus on leadership development and the development of personal confidence. Co-requisite: MS 112. Participation entails no military obligation.

**MS-111 LEADERSHIP LAB 1.00 Credit**

Building fundamental characteristics of leadership using a military model; hands-on training in small group leadership. Two hours of lab every other week. Co-requisites: MS 101 and 102.

**MS-112 LEADERSHIP LAB 1.00 Credit**

Building fundamental characteristics of leadership using a military model; hands-on training in small group leadership. Two hours of lab every other week. Co-requisites: MS 101 and 102.

**MS-152 PHYSICAL FITNESS TRAINING 1.00 Credit**

Physical fitness training focused on Army Standards for instruction and testing. Open to all UI students. (Spring only).

**MS-201 APPLIED LEADERSHIP AND MANAGEMENT 2.00 Credits**

Application of leadership and management skills to various case studies; organization and structure of Army units; basic first aid; practical field training in variety of outdoor skills (mountaineering, rafting, rifle marksmanship); uniform wear required; texts, uniforms, and lab fees provided by dept. Pre-requisite: MS-102 or permission of department. Co-requisite: MS-211. Participation entails no military obligation.

**MS-202 FOUNDATIONS OF LEADERSHIP II 2.00 Credits**

Troop leading procedures and application of procedures to planning and conducting small unit operations; individual soldier skills, such as military communication, basic map reading, and survival skills; practical field training in variety of outdoor skills (mountaineering, rafting, rifle marksmanship); uniform wear required; texts, uniforms, and lab fees provided by dept. Pre-requisite: MS-201 or permission of department. Co-requisite: MS-212. Participation entails no military obligation.

**MS-211 LEADERSHIP LAB 1.00 Credit**

Building fundamental characteristics of leadership using a military model; hands-on training in small group leadership. Two hours of lab every other week. Co-requisites: MS 201 and MS 202.

**MS-212 LEADERSHIP LAB 1.00 Credit**

Building fundamental characteristics of leadership using a military model; hands-on training in small group leadership. Two hours of lab every other week. Co-requisites: MS 201 and 202.

**MS-227 AMERICAN MILITARY HISTORY 3.00 Credits**

Using lecture and small group discussions, this is a survey of the American military experience. Events are analyzed using the conventional discipline of historical methodology and the classical norms of the principles of warfare. Fulfills military history requirement for commissioning of cadets. Department permission required.

**MS-252 PHYSICAL FITNESS TRAINING 1.00 Credit**

Physical fitness training focused on Army Standards for instruction and testing. Open to all UI students. (Spring only).

**MS-280 RAIDER CHALLENGE 1.00-4.00 Credits**

The Chrisman Raider Team is an elite group of individuals who compete on intercollegiate level in military skills of marksmanship, physical fitness, navigation, weapons, rope bridging, and long distance marching; rigorous physical training and practicing technical skills in preparation for two-day competition among schools throughout Western US. Co-requisite: MS 101 or 102 or 201 or 202 or 301 or 302 or 401 or 402.



**MS-281 MILITARY PROFICIENCY CHALLENGE 1.00-4.00 Credits**

This course prepares cadets to take the two-day German Armed Forces Proficiency Badge test, which consists of track and field events, marksmanship, road march, swim test, and first aid course. Department permission required. (Spring only) Co-requisite: MS 111, MS 112, MS 211, MS 212, MS 311, MS 312, MS 411, or MS 412.

**MS-288 COLOR GUARD/DRILL TEAM 1.00-4.00 Credits**

Participation and training in color guard and drill team. Co-requisite: MS 101 or 102 or 201 or 202 or 301 or 302 or 401 or 402.

**MS-289 BASIC ENCAMPMENT 6.00 Credits**

Intensive five-week summer encampment at Fort Knox, Kentucky; hands-on training in fundamentals of leadership in a military environment, land navigation, weapons training, drill and ceremony, and basic skills in doctrinal tactics employed by light infantry leaders. Pre-requisites: 50 cr hrs, 2.0 GPA, and permission of department head.

**MS-290 DIRECTED STUDY IN MILITARY SCIENCE 1.00-12.00 Credits****MS-291 WORKSHOP IN MILITARY SCIENCE 1.00-12.00 Credits****MS-292 SPECIAL TOPICS IN MILITARY SCIENCE 1.00-12.00 Credits**

Pre-requisite: By permission.

**MS-295 PRACTICUM IN MILITARY SCIENCE 1.00-12.00 Credits****MS-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****MS-301 ADAPTIVE TEAM LEADERSHIP 3.00 Credits**

Practical leadership skills in a light infantry environment; leadership techniques practiced while learning patrolling and offensive and defensive tactics at squad and platoon level; prepares cadets for five-week Advanced Camp at Fort Lewis, Washington. Three hours of lecture, 2 hours of lab, and 3 hours of physical training a week, plus field training exercises. Pre-requisites: Either ROTC Basic Course, Camp Challenge, or Basic Training from any US military branch of service. Co-requisites: MS 311 and MS 312.

**MS-302 APPLIED TEAM LEADERSHIP 3.00 Credits**

Practical leadership skills in a light infantry environment; leadership techniques practiced while learning patrolling and offensive and defensive tactics at squad and platoon level; prepares cadets for five-week Advanced Camp at Fort Lewis, Washington. Three hours of lecture, 2 hours of lab, and 3 hours of physical training a week, plus field training exercises. Pre-requisites: Either ROTC Basic Course, Camp Challenge, or Basic Training from any US military branch of service. Co-requisites: MS 311 and MS 312.

**MS-311 LEADERSHIP LAB 1.00 Credit**

Building fundamental characteristics of leadership using a military model; hands-on training in small group leadership. Two hours of lab every other week. Co-requisites: MS 301 and 302.

**MS-312 LEADERSHIP LAB 1.00 Credit**

Building fundamental characteristics of leadership using a military model; hands-on training in small group leadership. Two hours of lab every other week. Co-requisites: MS 301 and 302.

**MS-352 PHYSICAL FITNESS TRAINING 1.00 Credit**

Physical fitness training focused on Army Standards for instruction and testing. Open to all UI students. (Spring only).

**MS-390 DIRECTED STUDY IN MILITARY SCIENCE 1.00-12.00 Credits****MS-401 MISSION COMMAND AND ARMY PROFESSION 3.00 Credits**

Practical application of leadership and management skills, military justice system, administrative and logistical procedures; preparation for service as an Army lieutenant. Pre-requisites: MS-301 and MS-302. Co-requisites: MS-411 and MS-412, MS-471 and MS-472.

**MS-402 MISSION COMMAND AND COMP GRADE OFFICER 3.00 Credits**

Practical application of leadership and management skills, military justice system, administrative and logistical procedures; preparation for service as an Army lieutenant. Pre-requisites: MS-301 and MS-302. Co-requisites: MS-411 and MS-412, MS-471 and MS-472.

**MS-411 LEADERSHIP LAB 1.00 Credit**

Building fundamental characteristics of leadership using a military model; hands-on training in small group leadership. Two hours of lab every other week. Co-requisites: MS 401 and 402.

**MS-412 LEADERSHIP LAB 1.00 Credit**

Building fundamental characteristics of leadership using a military model; hands-on training in small group leadership. Two hours of lab every other week. Co-requisites: MS 401 and 402.

**MS-452 PHYSICAL FITNESS TRAINING 1.00 Credit**

Physical fitness training focused on Army Standards for instruction and testing. Open to all UI students. (Spring only).

**MS-471 COMMAND AND STAFF FUNCTIONS 2.00 Credits**

Hands-on practical applications of functions of US Army officers assigned to command and staff positions; planning, coordinating, and implementing operations, training and logistic support for cadet battalion activities; practical exercises in interrelationships between commander, staff, higher headquarters, and subordinate units. Co-requisites: MS 401 and 402.

**MS-472 COMMAND AND STAFF FUNCTIONS 2.00 Credits**

Hands-on practical applications of functions of US Army officers assigned to command and staff positions; planning, coordinating, and implementing operations, training and logistic support for cadet battalion activities; practical exercises in interrelationships between commander, staff, higher headquarters, and subordinate units. Co-requisites: MS 401 and 402.

**MS-489 ADVANCED ENCAMPMENT 1.00-12.00 Credits**

Intensive five-week summer encampment at Fort Lewis, Washington. Graded P/F. Pre-requisites: MS-301 and MS-302 and permission of department.

**MS-490 DIRECTED STUDY IN MILITARY SCIENCE 1.00-12.00 Credits****MS-491 WORKSHOP IN MILITARY SCIENCE 1.00-12.00 Credits****MS-492 SPECIAL TOPICS IN MILITARY SCIENCE 1.00-12.00 Credits****MS-494 INTERNSHIP IN MILITARY SCIENCE 1.00-12.00 Credits****MS-495 PRACTICUM IN MILITARY SCIENCE 1.00-12.00 Credits****POLS-100 INTRO TO POLITICAL SCIENCE & GOVERNMENT 3.00 Credits**

Theories and concepts appropriate to understanding how human conflict arises and is resolved are surveyed. Problems in American, foreign and international politics provide the focus of study.

**POLS-101 AMERICAN NATIONAL GOVERNMENT 3.00 Credits**

Students are introduced to the general problems of government. The emphasis is on the basic concepts of American politics and the major structural and Constitutional elements of national government.

**POLS-102 AMERICAN STATE AND LOCAL GOVERNMENT 3.00 Credits**

This course is an introductory survey of the administration, politics, and organization of government at the sub-national level, including city, county, special district, and state governments. A brief introduction to the basics of the policy-making process is provided. Writing integrated.

**POLS-200 SOCIAL AND POLITICAL PHILOSOPHY 3.00 Credits**

A philosophical investigation of the justifications of political systems forwarded by ancient and modern political thinkers. Writing integrated. Cross-listed with PHIL-200.

**POLS-237 INTERNATIONAL POLITICS 3.00 Credits**

An overview of the world political system and a framework for analysis of the actions and actors in the global arena is provided.

**POLS-285 COMPARATIVE GOVERNMENT 3.00 Credits**

An introduction to the study of politics through the comparison of selected foreign governments. The significance of contrasts in the role of culture, constitutions, interest groups, parties, participation, and political institutions in the formation of policy are discussed and analyzed.

**POLS-290 DIRECTED STUDY IN POLITICAL SCIENCE 1.00-3.00 Credits****POLS-291 WORKSHOP IN POLITICAL SCIENCE 1.00-3.00 Credits****POLS-292 SPECIAL TOPICS IN POLITICAL SCIENCE 1.00-3.00 Credits****POLS-294 INTERSHIP IN POLITICAL SCIENCE 1.00-3.00 Credits****POLS-295 PRACTICUM IN POLITICAL SCIENCE 1.00-12.00 Credits****POLS-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****POLS-300 INTERNATIONAL POLITICAL ECONOMY 3.00 Credits**

An overview of the international economic system and the relationship of the global economy to world politics - the current economic order is emphasized. Students should take an appropriate economics course. Pre-requisite: ENGL 102 or ENGL 109, or permission of instructor.

**POLS-332 GOVERNMENT AND POLITICS OF LATIN AMERICA 3.00 Credits**

Students will examine contemporary political processes and their historical roots in Latin American states, including government structures, regime change, parties and elections, social movements, the effects of imperialism and colonialism and local political economy.

**POLS-340 SOCIAL POLICY 3.00 Credits**

This course explores the development, formulation, implementation and effects of social policy on institutions and society. Social policy formation, decision-making, analysis, and their intentional and unintentional effects on society are examined through the utilization of both historic and scientific public policy critical thinking analysis. Issues of identifying, evaluating, and reporting those effects are presented and discussed. A preview of present and future public policy trends will be introduced and critically analyzed.

**POLS-345 CONSTITUTIONAL LAW 3.00 Credits**

This course is designed to introduce students to the historical development of the Constitution and the problems encountered under this type of system.

**POLS-370 POLITICAL COMMUNICATION 3.00 Credits**

This course deals with communication as the essence of the political process. By examining such topics as political campaigning, the press-government relationship, and the rhetoric of political leaders, the implications of political communication are addressed from the perspectives of politicians, the press, and the public. Cross-listed with COMM-370.



**POLS-390 DIRECTED STUDY IN POLITICAL SCIENCE 1.00-3.00 Credits****POLS-392 SPECIAL TOPIC IN POLITICAL SCIENCE 1.00-3.00 Credits****POLS-394 INTERSHIP IN POLITICAL SCIENCE 1.00-3.00 Credits****POLS-399 RESEARCH ASSISTANTSHIP 3.00 Credits****POLS-429 ORIGINS OF AMERICAN FOREIGN POLICY 3.00 Credits**

The class examines the origins and development of major foreign policies within the context of international linkages, diplomatic organizations, and diplomatic procedures. Pre-requisites: ENGL-102 or ENGL-109; and completion of Social Science Core; or permission of instructor. Cross-listed with HIST-429.

**POLS-463 WOMEN & POLITICS 3.00 Credits**

Through this course, students will gain an understanding of the complexity surrounding women and politics through comparative and international perspectives, centering on how policy affects women, women affect policy and women as political leaders. Pre-requisite: ENGL-102 or ENGL-109, or permission of instructor.

**POLS-464 POLITICAL PSYCHOLOGY 3.00 Credits**

In this course students will examine patterns of political behavior, including group behavior, information processing, the formation of political attitudes, emotions, personality, partisanship, voting, race, and tolerance. Pre-requisite: POLS-101 or PSYC-101, or permission of instructor. Crosslisted with PSYC-464.

**POLS-465 GLOBALIZATION, GEOGRAPHY, AND THE STATE 3.00 Credits**

Through this course students will gain an understanding of the political, social, cultural, economic, technological, and environmental aspects of globalization. The emphasis is on the implications of the conception and power of the state and the role spatial processes play in globalization and development. Cross-listed with GEOG-465. Pre-requisite: ENGL-102 or ENGL-109, or permission of instructor.

**POLS-490 DIRECTED STUDY IN POLITICAL SCIENCE 1.00-3.00 Credits****POLS-491 WORKSHOP IN POLITICAL SCIENCE 1.00-3.00 Credits****POLS-492 SPECIAL TOPICS IN POLITICAL SCIENCE 1.00-3.00 Credits****POLS-494 INTERNSHIP IN POLITICAL SCIENCE 1.00-12.00 Credits****POLS-495 PRACTICUM IN POLITICAL SCIENCE 1.00-12.00 Credits****POLS-499 RESEARCH ASSISTANTSHIP 1.00-3.00 Credits****PSYC-101 INTRODUCTION TO GENERAL PSYCHOLOGY 3.00 Credits**

This general survey of psychology typically explores research methodology, bio-psychology, human development, memory, consciousness, motivation, emotions, personality, mental disorders, therapy, health psychology, social psychology, etc.

**PSYC-190 DIRECTED STUDY IN PSYCHOLOGY 1.00-9.00 Credits****PSYC-199 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****PSYC-205 LIFESPAN DEVELOPMENTAL PSYCHOLOGY 3.00 Credits**

This course helps students gain an understanding of physical, intellectual, emotional, social and moral development throughout the lifespan from a multicultural perspective. Basic theories of development will be addressed to assist the student to learn about factors affecting human development. Writing involving the application of at least 2 theories is required.

**PSYC-226 BIOLOGICAL BASES OF BEHAVIOR 3.00 Credits**

Introduces students to a field of neuroscience that is variously referred to as physiological psychology, biopsychology, behavioral biology, or behavioral neuroscience. The focus is on gaining and demonstrating an understanding of relationships between central nervous system processes and human behavior. Students will be introduced to APA writing style and use it in a research paper, because future courses in the major expect it to be used. Pre-requisite: PSYC-101; and ENGL-102 or ENGL-109.

**PSYC-240 PHILOSOPHICAL & HISTORICAL ROOTS OF PSYCHOLOGICAL SCIENCE 3.00 Credits**

A historical survey of the philosophical and scientific approaches relevant to the modern field of psychological science. The intellectual development of psychology is explored through an examination of the innovative ideas, theoretical systems, and methodological advances of influential thinkers, along with the social, economic, and historical context in which those ideas, schools of thought, and methodologies formed. The philosophical questions woven through both historical and contemporary issues in psychological science (e.g. What is the nature of the mind? Does free will exist?) will be highlighted to increase understanding of the modern, seemingly disjointed, identity of the field. Pre-requisite: PSYC-101.

**PSYC-250 GROUP DYNAMICS 3.00 Credits**

Provides the theory and practice necessary to develop effective group skills. An experiential approach to learning about group behavior will be used. The student will practice skills in the following behaviors: leadership, decision making, goal setting, interpersonal communication, problem solving, dealing with conflict and controversy, and effective use of power and influence. Pre-requisite: PSYC-101.

**PSYC-290 DIRECTED STUDY IN PSYCHOLOGY 1.00-6.00 Credits****PSYC-291 WORKSHOP IN PSYCHOLOGY 1.00-6.00 Credits****PSYC-292 SPECIAL TOPICS IN PSYCHOLOGY 1.00-3.00 Credits****PSYC-295 PRACTICUM IN PSYCHOLOGY 1.00-12.00 Credits**

Emphasizes the development of the basic helping skills and/or psychological research skills through a supervised field experience. Learning plans and goals will be defined to target students desiring a specific field experience in various settings utilizing addictions professionals and programs. Pre-requisites: Permission of the instructor and PSYC 442.

**PSYC-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits**

Requires students to assist faculty in the conduct of research projects and other creative professional activities within the field of psychology. Students are expected to meet on a regular basis with the faculty member and to perform activities needed to bring the research or creative activity to a successful completion. Pre-requisite: PSYC-101.

**PSYC-300 STATISTICAL METHODS 3.00 Credits**

Survey of descriptive and inferential statistical concepts commonly used in the treatment of data in social science research. The understanding and application of the concepts will be emphasized. Topics include: measures of central tendency, measures of variability, correlation methods, hypothesis testing and simple analysis of variance. Pre-requisite: Core Math. Cross-listed with ECON-300, SS-300.

**PSYC-310 PERSONALITY THEORIES 3.00 Credits**

Survey of the major theories of personality and personality development. Psychoanalytic, phenomenological, trait, behavioral and social learning views of personality will be presented along with the relevant research that evaluates the assumptions and implications of each approach. Special issues involving multiculturalism, points of controversy, and personality processes that are the focus of extended debate and research by personality psychologists will also be studied. Pre-requisite: PSYC-101 or PSYC-205 or permission of instructor.

**PSYC-311 ABNORMAL PSYCHOLOGY 3.00 Credits**

Study of the conceptualization and treatment of psychological difficulties including: anxiety disorders, mood disorders, schizophrenia, and personality disorders. Issues related to multiculturalism and gender, and issues of controversy are also explored. Recommended pre-requisite: PSYC-101 or PSYC-205 or permission of instructor.

**PSYC-318 ASSESSMENT OF LEARNING 3.00 Credits**

An introduction to the theory of assessment. Presents the foundational concepts, principles, and procedures needed to systematically acquire, organize, and apply information about learners and learning. This course is a component in the elementary teacher education program's technology strand and is designated as technology-intensive. Pre-requisite: Elementary Education Majors must be admitted to the teacher education program.

**PSYC-320 SOCIAL PSYCHOLOGY 3.00 Credits**

An exploration of the scientific study of the way in which people's thought, feelings, and behavior are influenced by the real, implied, or imagined presence of other people. Acquaints students with the main theoretical and methodological approaches, along with the resulting empirical findings, that have shaped the field of social psychology. Social psychologists examine how people are influenced by, or influence, others by investigating topics such as social cognition, the self, social perception, social influence, aggression, attitudes, attraction, group behavior, stereotypes, discrimination, prejudice, and prosocial behavior. Encourages the application of social psychological theory, processes, and concepts to everyday social situations, firsthand experiences, and relevant media via writing assignments. PSYC-101 or PSYC-205, or permission from the instructor.

**PSYC-321 EDUCATIONAL PSYCHOLOGY 3.00 Credits**

Psychology directly applicable to teaching and learning: Basics of our thinking physiology; basics of interpreting relevant research; development theories and their relation to learning; motivation theories and means to motivate students; behaviorism as applied and misapplied to classroom management and instruction; differentiating based upon receptive/perceptive modes, intelligences, and learning styles; memory and cognition paths; and the personally and socially constructed nature of knowing.

**PSYC-343 INTRODUCTION TO ADDICTION STUDIES 3.00 Credits**

This intensive introductory course provides a comprehensive overview of the field of addiction counseling. It focuses on current therapeutic trends, strategies, and counseling approaches used in the treatment of addiction, as well as ethical considerations. Relapse and prevention strategies, along with treatment of special populations, will also be covered. Pre-requisites: PSYC-101, or the permission of the instructor. Crosslisted with ADS-343.

**PSYC-368 SEX, EVOLUTION AND HUMAN NATURE 3.00 Credits**

Human sexuality, male-female relations, cooperation, violence and parent-child relations examined cross-culturally and in nonhuman primates utilizing evolutionary and biocultural perspectives. Pre-requisites: ENGL-102 or ENGL-109, or permission from the instructor. Cross-listed with ANTH-368.

**PSYC-385 RESEARCH METHODS 3.00 Credits**

Develops students' ability to design an empirical study within the ethical constraints of human research and to understand the results of research in professional journals. Specific research designs covered include archival research, experimental designs, naturalistic observation, participant observation, quasi-experimental designs, single subject designs, and survey research. Integrates (1) analytical and evaluative thinking, (2) descriptive, explanatory, and critical writing, and (3) basic knowledge of the theory and application of qualitative and quantitative research design. Pre-requisite: ENGL-102 or ENGL-109, and a total of 24 credit hours in the General Education Core, or instructor permission. Cross-listed with SS-385.

**PSYC-387 SCIENTIFIC READING & WRITING LAB 2.00 Credits**

In this writing intensive course, students will be introduced to the fundamental process of scientific reading and writing in the field of psychology, with an emphasis placed on the 1) interpretation and comprehension of scholarly and empirical research articles, 2) critique of research design & methods, and 3) production of scientific writing. Students will learn strategies for conducting a thorough literature search, synthesizing research findings, using APA and other relevant scientific styles, and implementing best practices in scientific writing structure, expression, and format. Pre-requisite PSYC-101 and ENGL-102. Co-requisite/Pre-requisite: SS/PSYC-385.

**PSYC-390 DIRECTED STUDY IN PSYCHOLOGY 1.00-6.00 Credits****PSYC-391 WORKSHOP IN PSYCHOLOGY 1.00-6.00 Credits****PSYC-392 SPECIAL TOPICS IN PSYCHOLOGY 1.00-3.00 Credits****PSYC-394 INTERNSHIP IN PSYCHOLOGY 12.00 Credits**

Emphasizes the development of basic helping skills through a supervised non-chemical dependency internship. Pre-requisites: Criminal history background check, permission of the instructor, and PSYC-442. Graded P/F only.

**PSYC-395 PRACTICUM IN PSYCHOLOGY 1.00-12.00 Credits****PSYC-399 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits**

Requires students to assist faculty in the conduct of research projects and other creative professional activities within the field of psychology. Students are expected to meet on a regular basis with the faculty member and to perform activities needed to bring the research or creative activity to a successful completion.

**PSYC-407 PROFESSIONAL DEVELOPMENT IN PSYCHOLOGY 1.00 Credit**

This course will review career and graduate school options for psychology majors, with an emphasis on readiness for a profession in the field of psychology via the development of a resume, curriculum vitae, personal statement, cover letters, and other relevant documents. Students will be encouraged to develop a variety of professional skills including effective email communication, successful interviewing, time-management, and professional etiquette. Pre-requisite: PSYC-101, ENGL-102, and Junior-Level Standing.

**PSYC-410 SPORTS PSYCHOLOGY 3.00 Credits**

Application of the principles and methodologies of psychology to athletics. Topics include individual philosophies of sport, motivation, personality of coaches and athletes, recreational sports for children, psychological testing, training and learning principles, mind/body relationships, and the effects of anxiety, arousal, and relaxation on performance and current research in the field. Pre-requisite: PSYC-101 or PSYC-205 or permission of instructor and Sophomore Standing. Cross-listed with KIN-410.

**PSYC-414 THE PSYCHOLOGY OF NATURAL, ARTISTIC, AND MORAL BEAUTY 3.00 Credits**

The purpose of the course is to help students understand the influence of Natural Beauty, Artistic Beauty (painting, music, and literally anything designed by a human), and Moral Beauty on human flourishing. The course is designed as a service-learning course, in collaboration with the Area Agency on Aging, which will assign students to learn about moral beauty from elders in our community. Pre-requisites: Completion of PSYC-101 or PSYC-205 and ENGL-102 with C or better, or permission of instructor.

**PSYC-415 POSITIVE PSYCHOLOGY 3.00 Credits**

Positive psychology is the scientific study of what goes right in life, from birth to death and at all the stops in between. It takes seriously as a subject matter those things that make life most worth living. The three pillars of positive psychology include a) positive subjective experiences (pleasures, happiness, joy, etc.), b) positive individual traits (character strengths and virtues), and c) positive institutions. The course will concentrate on learning to apply positive psychology methods in a service learning approach. The methods are appropriate for both clinical and non-clinical populations. Prerequisites: A 'C' or better in PSYC-101 or PSYC-205 and ENGL-102.

**PSYC-419 PSYCHOLOGY OF SUSTAINABILITY 3.00 Credits**

An introduction to ecological psychology with an emphasis on the psychology of sustainability. Course focus is upon how psychological worldviews and human behavior are major causes of our environmental problems; and how changing those worldviews and behaviors can help lead to individual and collective flourishing. The course is designed as a variation on a service learning approach in which individual students will design personal self-change projects, based on the science of sustainability psychology, that cause them to become better stewards of our natural resources. The importance of the beauty of the natural world will be suffused throughout the course. Pre-requisite: PSYC 101 or PSYC 205 and ENGL 102 or ENG 109.

**PSYC-440 COUNSELING THEORIES AND TECHNIQUES 4.00 Credits**

Study and application of the theories and techniques of counseling as well as issues related to multiculturalism, gender, and diversity. Fee required. Recommended pre-requisites: PSYC 101 and PSYC 311.

**PSYC-442 ETHICAL PRINCIPLES IN COUNSELING 3.00 Credits**

Topics covered include federal and state laws, client welfare as a primary concern, professional competence-supervision/development, financial issues, personal wellness, and relationships to professionals and institutions. Development of students' ability to conceptualize ethical issues, utilize an appropriate model for resolution, and appreciate personal values and modes of ethical problem-solving are also considered. Fee required. Pre-requisite: PSYC-101 or PSYC-205 or permission of instructor. Cross-listed with ADS-442.

**PSYC-443 CASE MANAGEMENT AND CHEMICAL DEPENDENCY 3.00 Credits**

The course focuses on practical application and administration of Case Management Services in health and human service delivery systems in Idaho. Case management studies emphasize clinical focus on case management services that apply to Rural and Frontier settings in Idaho. Students work with case management models where case management and records monitoring occur, from hospital, in-patient care to out patient settings in rural communities. Students are exposed to various treatment populations such as High Risk populations including AIDS/HIV populations, elderly, Native American, as well as gender specific issues. Students will be exposed to other disciplines such as Mental Health, Voc-Rehab. as well as Developmental Disability populations. Pre-requisites: PSYC-101 or permission of instructor. Cross-listed with ADS-443.

**PSYC-444 CHEMICAL DEPENDENCY AND PHARMACOLOGY 3.00 Credits**

Introduction to basic concepts of drug absorption, distribution and effect. It is intended to provide substance abuse counselors with a broad background in the understanding of drug effects and operations. Additionally, to allow the student to have a base of knowledge of pharmacology upon which instruction and education of clients can be facilitated. Fulfills the requirement for certification for both Idaho and Washington State Certification Boards. Includes concepts of basic neuroanatomy, concepts of drug absorption and drug elimination, anatomy of drug effects, and consequences of long term drug use. A comprehensive survey of entities and agencies that govern Controlled Substances and ODT issues. A global perspective on the physiology and pharmacology of different classes of drugs both those illegal and legal, abused and those used for treatment in institutions. Pre-requisites: PSYC-101 and PSYC-205, or permission of instructor. Cross-listed with ADS-444.

**PSYC-445 COUNSELING THE TEENAGER 3.00 Credits**

Reviews personality theories, counseling strategies, communication skills, values clarification and perception in relationship to adolescent developmental tasks and coping skills. Examines social problem areas often associated with teenage populations and the implications that those situations present for the counselor. Pre-requisite: PSYC-101 or PSYC-205 or permission of instructor.

**PSYC-446 CHEMICAL DEPENDENCY AND FAMILY SYSTEM 3.00 Credits**

Includes behavioral patterns in dysfunctional family systems, intervention techniques and best practice model programs in dealing with family issues surrounding addiction problems. This course will expose the student to a plethora of various approaches to family systems and cultures that are diverse in nature. Students will create and experience sculpting, remodeling and replicating family roles and dysfunctional systems within a learning lab model. Students will study and become intimately acquainted with the roles of family dysfunction and dependency issues. Additionally, the student will review historical perspectives that help shape and steer the current modes of treatment for this underserved population within the addictions field. Pre-requisites: PSYC-101 and PSYC-205, or permission of instructor. Cross-listed with ADS-446.

**PSYC-448 CHEMICAL DEPENDENCY AND THE GROUP APPROACH 3.00 Credits**

Identifies specific needs and treatment issues of the chemically dependent client. It is designed to provide both a cognitive and an experiential base from which the student can develop competency in treating this special population. Fulfills the requirements for certification as a chemical dependency counselor. Competency based education models for learning and integration of skills and techniques will be utilized. Pre-requisite: PSYC-101 or PSYC-205 or permission of instructor. Cross-listed with ADS-448.

**PSYC-449 ASSESMENT/SCREENING AND CHEMICAL DEPENDENCY COUNSELING 3.00 Credits**

Reviews techniques for intake screening and assessment of chemical dependency clients. Appropriate for use in multiple settings. Field experience is included. Pre-requisites: PSYC-101 or PSYC-205 or permission of instructor. Cross-listed with ADS-449.

**PSYC-450 COGNITIVE PSYCHOLOGY 3.00 Credits**

Human thinking and problem-solving will be covered in depth. In particular, students will learn about memory, abstraction and concreteness in thought, symbolic concepts and mental structures, mental operations, search strategies and problem solving. Pre-requisite: PSYC-101 or PSYC-205 or permission of instructor.

**PSYC-455 PSYCHOLOGY OF MOTIVATION 3.00 Credits**

A study of various theoretical perspectives which psychologists have used to explain and predict the relationships between state/trait motivation and human behavior. Special emphasis is given to the development of strategies to positively affect motivation and models for self-motivation in applied settings. Pre-requisite: PSYC-101 or PSYC-205 or permission of instructor.

**PSYC-456 DRUGS IN SOCIETY 2.00 Credits**

An overview of current drugs of choice and their impact on all age groups. Covers drug education relevant to today's society. Explores the history, use, physiology, behavior, dependency, treatment and prevention aspects of drugs. Students and guest speakers will share their knowledge on specific issues through presentations and discussions. Utilizes many instructional methods in the pursuit of a general understanding of the effects of drugs upon society. Pre-requisite: PSYC-101 or PSYC-205 or permission of instructor.

**PSYC-457 DRUGS AND THE ATHLETE 1.00 Credit**

Covers the social-psychological aspects of the use of alcohol and other drugs by athletes. Explores the trends of commonly abused drugs, the physiological effects of use, media influences and social norms towards use, and proactive programming for the educator/coach. Many instructional approaches will be utilized in the pursuit of an understanding of the phenomenon of athletes as drug-abusers.

**PSYC-460 INTIMATE RELATIONSHIPS 3.00 Credits**

An examination of historical and contemporary theories, findings, and perspectives of the social psychology of relationship science. Using an evolutionary framework for interpreting intimate relationships, the course will use traditional lecture format in addition to seminar-styled sessions (via empirical articles) to explore topics such as research methods, attraction, the self, social cognition, communication, interdependency, friendships, love, sexuality, conflict, communication, singlism, polyamory, stress, power, aggression, sex, LGBT relationships, rejection, loneliness, relationship stressors, and pro-relationship processes. Social psychological theory, processes, and concepts in regard to intimate relationships will be considered and synthesized via round-table discussion, and will be applied via the analysis of popular media (e.g. film). Pre-requisite: PSYC-101 or PSYC-205 or permission from the instructor.

**PSYC-464 POLITICAL PSYCHOLOGY 3.00 Credits**

In this course students will examine patterns of political behavior, including group behavior, information processing, the formation of political attitudes, emotions, personality, partisanship, voting, race, and tolerance. Pre-requisite: POLS-101 or PSYC-101, or permission of instructor. Crosslisted with POLS-464.

**PSYC-470 CRISIS INTERVENTION 3.00 Credits**

Introduction and comprehensive overview of crisis intervention. Basic principles and theory of crisis intervention will be presented. Gives a foundation toward developing the skills to effectively deal with others in a crisis situation. Included are special populations/topics such as war veterans, rape, adult survivors, national disasters and other topics. Pre-requisites: PSYC-101 or PSYC-205, or permission of instructor. Cross-listed with ADS-470.

**PSYC-476 BLOOD BORNE PATHOGENS 2.00 Credits**

This course is designed to inform students about blood borne pathogens and infectious diseases within the addictions framework. The goal is for all students to understand the methods of transmission, prevention, and the substance abusing population's needs in regards to blood borne pathogens. Prerequisite: PSYC-101 or PSYC-205 or permission of instructor. Crosslisted with ADS-476.

**PSYC-485 ADVANCED RESEARCH SEMINAR 3.00 Credits**

Provides experience in carrying out research projects in the social sciences, nursing and other disciplines. The emphasis will be on the active participation in seminar discussions to develop an understanding of the design and completion of all phases of selected research projects. Each student will design a study, obtain ethical approval, collect and analyze data and write a research report summarizing the results of their study. In addition, each student will assist other seminar members in selected aspects of their studies. Pre-requisite: PSYC-385 or permission of instructor.

**PSYC-490 DIRECTED STUDY IN PSYCHOLOGY 1.00-6.00 Credits****PSYC-491 WORKSHOP IN PSYCHOLOGY 1.00-6.00 Credits****PSYC-492 SPECIAL TOPICS IN PSYCHOLOGY 1.00-3.00 Credits****PSYC-494 INTERNSHIP IN PSYCHOLOGY 1.00-6.00 Credits**

Emphasizes the development of basic helping skills through a supervised non-chemical dependency internship. Pre-requisites: Criminal history background check, permission of the instructor, and PSYC-442. Graded P/F only.

**PSYC-495 PRACTICUM IN PSYCHOLOGY 1.00-12.00 Credits**

Emphasizes the development of the basic helping skills and/or psychological research skills through a supervised field experience in a substance abuse treatment setting. Learning plans and goals will be defined to target students desiring a specific field experience in various settings utilizing addictions professionals and programs. Pre-requisites: PSYC-442 and permission of the instructor. Cross-listed with ADS-495.

**PSYC-499 RESEARCH PROJECT AND SEMINAR IN PSYCHOLOGY 3.00 Credits**

Provides a capstone experience that includes the conduct of psychological research designed by each student. A quantitative or qualitative research paper or project is required. Pre-requisites: PSYC-300, PSYC-385, and PSYC-387.

**SOC-101 INTRODUCTION TO SOCIOLOGY 3.00 Credits**

An introduction to the basic concepts, principles and processes in sociology with materials relating to culture, social interaction, institutions and social change.

**SOC-102 SOCIAL PROBLEMS 3.00 Credits**

Students develop a sociological frame of reference for understanding some of the complex problems of our society. Problems examined include poverty, environmental degradation, racism, sexism, crime, substance abuse, inadequate healthcare, etc. in the context of American society.

**SOC-275 PRIN OF INTERVIEWING AND CASE STUDIES 3.00 Credits**

Behavioral sciences theory as applied to interviewing and case studies is examined in this course in order to understand the effects of setting, interview stages, and levels of communication during the interviewing process.

**SOC-290 DIRECTED STUDY IN SOCIOLOGY 1.00-3.00 Credits**

Graded P/F only.

**SOC-291 WORKSHOP IN SOCIOLOGY 1.00-3.00 Credits****SOC-292 SPECIAL TOPICS IN SOCIOLOGY 1.00-12.00 Credits****SOC-295 PRACTICUM IN SOCIOLOGY 1.00-9.00 Credits****SOC-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****SOC-310 RELIGION IN CONTEMPORARY SOCIETY 3.00 Credits**

Students study religion as a social phenomenon by examining the functions and organization of religions. The reciprocal relationship between religion and other social institutions is illuminated by historical examples and current trends in religion.

**SOC-315 MARRIAGE AND FAMILY 3.00 Credits**

A study of the institutions of marriage and the family emphasizing the various social factors and forces affecting relationships within the family as well as the changing role and forms of marriage and family in society. Prerequisites: ENGL-102 or ENGL-109 or instructor permission.

**SOC-320 JUVENILE DELINQUENCY 3.00 Credits**

The theories of causation, prevention, control, and treatment of delinquency in contemporary society are studied. Included in this survey are modes of treatment, methods of diverting youth-related problems from the juvenile courts to other community resources, and post-treatment adjustment. Cross-listed with JS-320.

**SOC-325 SOCIAL STRATIFICATION 3.00 Credits**

Students study the major dimensions of social stratification systems, including class, prestige and power and how inequalities manifest themselves in everyday life. Pre-requisite: SOC-101.

**SOC-333 WHITE COLLAR CRIME 3.00 Credits**

The costs, causes, and control of crime by and against businesses and other organizations; the relationship between trust and white collar crime; and the impact of the media in shaping perceptions of white collar crime will be studied. Prerequisites: JS-103 or SOC-101 or SOC-102 and ENGL-102 or permission of instructor. Cross-listed with JS-333.

**SOC-345 CRIMINOLOGY 3.00 Credits**

Students study crime and society, theories of criminality, types and trends of crime, characteristics of criminals, social control, and criminological controversies. Pre-requisite: JS-103 or SOC-101 or instructor permission. Cross-listed with JS-345.

**SOC-355 RURAL SOCIOLOGY 3.00 Credits**

This course introduces students to some of the most pressing issues facing rural peoples and areas today. Students learn about the historical and contemporary relationships of rural peoples and regions to urban areas and the global economy and the impact of these relationships on the well being of rural people and their environments. Emerging forms of political, economic, and social organization in rural areas are examined in this context of the historical legacy. Prerequisites: SOC-101 or ENGL-102 or ENGL-109 or instructor permission.

**SOC-360 RACE AND ETHNICITY 3.00 Credits**

An introduction to the theoretical and substantive issues in the study of race and ethnicity. Students learn about the historical development of race and ethnicity as social categories and examine contemporary race and ethnic relations in the United States and other societies.

**SOC-366 ENVIRONMENT AND SOCIETY 3.00 Credits**

An introduction to the sociological study of the relationship between human societies and the environment, with an emphasis on anthropogenic drivers of environmental change and how responses to environmental problems are socially mediated. By the end of course, students will be able to engage in discussions on the links between human activities and contemporary environmental problems in an informed and critical manner. Pre-requisite: ENGL-102.

**SOC-375 DEVIANT BEHAVIOR AND SOCIAL CONTROL 3.00 Credits**

Students study the origins and functions of deviant behaviors and social control to learn of their effect on maintaining and/or changing society. Pre-requisite: Junior standing.

**SOC-390 DIRECTED STUDY IN SOCIOLOGY 1.00-3.00 Credits****SOC-392 SPECIAL TOPICS IN SOCIOLOGY 1.00-12.00 Credits****SOC-399 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****SOC-403 SOCIAL CHANGE 3.00 Credits**

This course provides an analysis of the political economic, ecological, and ideological sources and consequences of social change. Students critically examine historical and contemporary processes of societal development and change and the impact of such processes on individuals, communities, and societies in global context. Pre-requisite: SOC-101.

**SOC-422 RACE, CLASS, GENDER & JUSTICE 3.00 Credits**

This course explores the effects of race, class and gender on the criminal justice system. Patterns of offending and victimization associated with the categories of race, class and gender will be studied. Students will study topics such as profiling, disparities in sentencing and the death penalty, minority overrepresentation in prison, responses to battering, and criminal justice system employment practices. Pre-requisite: JS-103 or SOC-101 or instructor permission. Cross-listed with JS-422.



**SOC-425 VIOLENCE AND GENDER 3.00 Credits**

This course will provide an overview of gender-based violence. Crimes such as domestic violence, stalking, rape, sexual assault, and sexual harassment will be analyzed within a broader social context. Special attention will be given to how these crimes affect women and men, and how societal institutions (e.g., the criminal justice system, the health care system, employers, and social service providers) may better address the needs of victims and offenders. The course will be based on information gathered through current research, guest lectures, and scholarly and media resources. Pre-requisite: ENGL-102 or ENGL-109. Cross-listed with JS-425.

**SOC-480 VICTIMOLOGY 3.00 Credits**

This course involves the scientific study of crime victims and focuses on the physical, emotional, and financial harm people suffer at the hands of offenders. Emphasis is placed on victim-offender relationships, interactions between victims and the criminal justice system, and connections between victims and other social groups and institutions. Theories, history, research, legislation, and policy implications related to the social construction of "the victim" are explored. Pre-Requisites: ENGL-102 or ENGL-109; and a total of 24 credit hours in the General Education Core or instructor permission. Cross-listed with JS-480.

**SOC-490 DIRECTED STUDY IN SOCIOLOGY 1.00-3.00 Credits****SOC-491 WORKSHOP IN SOCIOLOGY 1.00-12.00 Credits****SOC-492 SPECIAL TOPICS IN SOCIOLOGY 1.00-12.00 Credits****SOC-495 PRACTICUM IN SOCIOLOGY 1.00-9.00 Credits****SS-150 INTRODUCTION TO THE SOCIAL SCIENCES 3.00 Credits**

The social sciences affect our everyday life through school, government, and business. This course introduces the student to this complex and influential field of knowledge and its uses. Students will investigate social problems of global concern, such as crime, population growth, human rights, and other concerns. Pre-requisite: ENGL-101 or ENGL-109.

**SS-184 DIVERSITY IN ORGANIZATIONS 3.00 Credits**

This course is designed to increase awareness and appreciation for the diversity that exists in contemporary American organizations. Students will explore historical and contemporary experiences from perspectives of both women and men of diverse races, ethnicities, social class, religions, sexual orientation, ages and abilities focusing on how those perspectives effect human relations in the workplace. Students will be encouraged to develop a critical consciousness and explore ways to eliminate negative stereotyping and discrimination that often leads to unequal treatment in organizations. Cross-listed with HRPT-184.

**SS-185 HUMAN RELATIONS IN ORGANIZATIONS 3.00 Credits**

Introduces students to the complexities of human interaction within contemporary organizations, offering strategies for coping and succeeding by utilizing perspective-taking while examining reality-based situations existing in today's workplace. Four major units within this course deal with: team-building, leading, conflict management (including how to deal with hostile work environment issues such as sexual harassment), and change management (both organizationally and individually) and how these issues impact organizational culture and individual behavior. Cross-listed with HRPT-185.

**SS-190 DIRECTED STUDY IN SOCIAL SCIENCE 1.00-12.00 Credits****SS-192 SPECIAL TOPICS IN SOCIAL SCIENCE 1.00-12.00 Credits****SS-193 SERVICE LEARNING 1.00-12.00 Credits****SS-200 INTRODUCTION TO WOMENS STUDIES 3.00 Credits**

Introduction to Women's Studies concentrates on understanding how women have both been shaped by and have shaped the world around them. By studying women's place and status in society, this course provides a critical lens through which to view the role of sex and gender in larger social forces through a variety of contexts. Pre-requisite: Any 100-level ANTH, HIST, POLS, SS or SOC course.

**SS-284 COMPUTER APPLICATIONS IN SOC SCIENCES 3.00 Credits**

This course is an introduction to computer technology and its application to the Social Sciences. The course will be oriented towards research applications. Pre-requisite: ENGL-102 or ENGL-109.

**SS-290 DIRECTED STUDY IN SOCIAL SCIENCE 1.00-3.00 Credits****SS-291 WORKSHOP IN SOCIAL SCIENCE 1.00-3.00 Credits****SS-292 SPECIAL TOPICS IN SOCIAL SCIENCES 1.00-3.00 Credits****SS-295 PRACTICUM IN SOCIAL SCIENCE 1.00-12.00 Credits****SS-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****SS-300 STATISTICAL METHODS 3.00 Credits**

Survey of descriptive and inferential statistical concepts commonly used in the treatment of data in social science research. The understanding and application of the concepts will be emphasized. Topics include: measures of central tendency, measures of variability, correlation methods, hypothesis testing and simple analysis of variance. Pre-requisite: Core Math. Cross-listed with ECON-300, PSYC-300.

**SS-350 ETHICS: 3.00 Credits**

The primary purpose of the integrative 350 core course is to develop interdisciplinary abilities in ethical clarification with reference to at least two major contemporary issues. The courses focus principally on ethical concerns. Topics include the following subjects: ANIMALS AND SOCIETY This course is an interdisciplinary introduction to the ethical dimensions of relationships between humans and non-human animals. Drawing on the works of philosophers, social scientists, and legal scholars, students will learn about the roles, moral standing, and treatment of animals in past and present societies. TERRORISM IN THE CONTEMPORARY ERA An interdisciplinary survey into the phenomena of political violence and terrorism is the core of this course. Historical, ethnic, religious, and ideological roots of terrorism are examined to put this behavior in sound, ethical perspectives with respect to the values of society and the goals of its perpetrators. WOMEN IN THE TWENTIETH CENTURY The ethical issues confronted by American women are examined by study of literary and historical texts as well as through their own writing. Pre-requisite: Completion of the skills component of the General Education Core or permission of the instructor. Cross-listed with HUM-350.

**SS-384 COMPUTERS AND SOCIAL SCIENCE 3.00 Credits**

This course will examine advanced topics in the practical and ethical implications of computers in our society, as well as advanced usage of computers in the disciplines of social sciences.

**SS-385 RESEARCH METHODS 3.00 Credits**

Develops students' ability to design an empirical study within the ethical constraints of human research and to understand the results of research in professional journals. Specific research designs covered include archival research, experimental designs, naturalistic observation, participant observation, quasi-experimental designs, single subject designs, and survey research. Integrates (1) analytical and evaluative thinking, (2) descriptive, explanatory, and critical writing, and (3) basic knowledge of the theory and application of qualitative and quantitative research design. Pre-requisite: ENGL-102 or ENGL-109, and a total of 24 credit hours in the General Education Core, or instructor permission. Cross-listed with PSYC-385.

**SS-390 DIRECTED STUDY IN SOCIAL SCIENCE 1.00-3.00 Credits****SS-392 SPECIAL TOPICS IN SOCIAL SCIENCE 1.00-3.00 Credits****SS-393 SERVICE LEARNING 1.00-12.00 Credits****SS-394 INTERNSHIP IN SOCIAL SCIENCE 1.00-12.00 Credits****SS-399 RESEARCH ASSISTANTSHIP 1.00-3.00 Credits****SS-490 DIRECTED STUDY IN SOCIAL SCIENCE 1.00-3.00 Credits****SS-491 WORKSHOP IN SOCIAL SCIENCE 1.00-3.00 Credits****SS-492 SPECIAL TOPICS IN SOCIAL SCIENCES 1.00-3.00 Credits****SS-494 INTERNSHIP IN SOCIAL SCIENCE 1.00-12.00 Credits****SS-495 PRACTICUM IN SOCIAL SCIENCE 1.00-12.00 Credits****SS-498 CONTEMPORARY NATIVE AMERICAN CULTURES 3.00 Credits**

Study and examination of Native Americans and situations facing their people in contemporary America.

**SS-499 SEMINAR IN SOCIAL SCIENCE AND HISTORY 3.00 Credits**

In this interdisciplinary capstone seminar, students will use skills and knowledge developed during their undergraduate tenure to explore a central topic through a variety of social science disciplinary lenses. Pre-requisites: : POLS-200/PHIL-200, and HIST-200 or SS-385. Junior class standing or higher required.

**SW-140 INTRODUCTION TO SOCIAL WORK AND SOCIAL WELFARE 3.00 Credits**

The focus of this course is to help social work and non-social work majors gain an understanding of the professional foundation of social work. Students will be introduced to the knowledge, skills, and ethics involved in the generalist social work practice. Attention is given to the many settings and roles in which social workers work with diverse client groups whom social workers service. Volunteer service learning project is required. This course is required for all social work majors.

**SW-193 SERVICE LEARNING 1.00-12.00 Credits****SW-226 BIOLOGICAL BASES OF BEHAVIOR 3.00 Credits**

Introduces students to a field of neuroscience that is variously referred to as physiological psychology, biopsychology, behavioral biology, or behavioral neuroscience. The main focus is on gaining and/or demonstrating an understanding of relationships between central nervous system processes and human behavior. Pre-requisite: PSYC-101; and ENGL-102 or ENGL-109. Cross-listed with PSYC-226.

**SW-241 SOCIAL WORK PRACTICE FOUNDATIONS 3.00 Credits**

Provides an introduction to, and overview of, practice skills, methods, problem-solving, and critical thinking processes necessary to generalist social work practice with diverse populations. The course consists of lecture, laboratory components to facilitate integration of values, ethics, knowledge and skills based in work with individuals, families, groups, organizations, and communities. Pre-requisite: SW-140 or permission of instructor.



**SW-290 DIRECTED STUDY IN SOCIAL WORK 1.00-12.00 Credits****SW-291 WORKSHOP IN SOCIAL WORK 1.00-3.00 Credits****SW-292 SPECIAL TOPICS IN SOCIAL WORK 1.00-12.00 Credits****SW-293 SERVICE LEARNING 1.00-12.00 Credits****SW-295 PRACTICUM IN SOCIAL WORK 1.00-12.00 Credits****SW-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****SW-315 WORKING WITH GRIEF AND LOSS 3.00 Credits**

By equipping the professional social worker with the ability to recognize and address the client's grief and loss issues, the social work change process can continue to enable the client to focus on increased social functioning which is not hampered by unresolved issues. While death and dying are a significant factor in grief and loss, this course is predominately focused on other causes of loss and grief. The rationale of the course, therefore, is based upon the recognition of the many causes of sanctioned, unsanctioned, and unrecognized grief over losses which occur in ordinary living.

**SW-321 HUMAN BEHAVIOR IN SOCIAL ENVIRONMENT I 3.00 Credits**

This course builds upon the biological, behavioral and social sciences of the Liberal Arts core. It adds a social systems perspective to explore the determinants of human behavior in infancy, childhood, adolescence and young adulthood. Class, ethnicity, race, and gender are emphasized, while family, group, organization, community and society provide the person/environment transactional context. This course introduces the major psychological, sociological and social work theories which underpin social work practice. Pre-requisite: PSYC-101 and ENGL-102 or ENGL-109; or permission from the instructor.

**SW-322 HUMAN BEHAVIOR IN SOCIAL ENVIRONMENT II 3.00 Credits**

This course is the second of two human behavior courses, which deal with research, theories, and concepts on individual and family development from an ecological perspective. This course builds upon the knowledge base from the Liberal Arts core in biology, psychology, political science, economics, sociology, and anthropology. Pre-requisite: SW-321 and PSYC-101.

**SW-325 THE LAW OF CHILD AND FAMILY 3.00 Credits**

This course examines legal principles and procedures of special relevance to the practice of social work and work within human service agencies. The course will review the basic structure and operation of the American legal system; basic principles of legal research; basic principles of constitutional law; legislative process; courtroom testimony; and legal principles related to juvenile justice, adult and child protection, adoption, education, domestic relations, mental health, aging, education, medic-legal issues, and disabilities.

**SW-330 MENTAL HEALTH AND MENTAL ILLNESS IN THE 21ST CENTURY 3.00 Credits**

Mental Health and Mental Illness in the 21st Century is designed to enable students to construct their own meaning and understanding of the terms "mental illness" through a series of learning activities. These activities include assigned readings, the media, discussions, and interaction with mental health consumers, family members, service providers, and service learning. Students will be introduced to three approaches to treatment: the medical model, the psychosocial rehabilitation model, and the recovery model. Students will become familiar with treatment modalities including therapeutic communities, clubhouses, and programs based on the strengths perspective. Pre-requisite: PSYC 101 or permission of instructor.

**SW-340 SOCIAL WORK POLICY 3.00 Credits**

This course is designed to give you a broad overview of the origins and evolution of the Welfare State in the United States of America. This course explores the development, formulation, implementation and effects of social policy on institutions and society. Social policy formation, decision-making, analysis, and their intentional and unintentional effects on society are examined through the utilization of both historic and scientific public policy critical thinking analysis. Issues of identifying, evaluating, and reporting those effects are presented and discussed. A preview of present and future trends will be introduced and critically analyzed.

**SW-341 SOCIAL WORK PRACTICE WITH INDIVIDUALS 3.00 Credits**

Students focus on generalist practice with individuals in a variety of organizational and cultural contexts. The course builds upon the beginning generalist social work skills learned in SW 241. Emphases are on development of the problem-solving approach, evaluation of practice effectiveness and assessment and intervention techniques within the context of generalist practice. Values, techniques, theory, ethics, research and diversity are stressed. Course enrollment is limited to Social Work majors. Pre-requisite: SW 241.

**SW-342 SOCIAL WORK PRACTICE WITH GROUPS 3.00 Credits**

Building upon previous practice classes, this course explores the theories and dynamics of group behavior, and the techniques of working with and within diverse groups in a variety of community and organizational contexts. Students learn to assess interaction patterns, individual change through group processes, ethical options and their own group skills as an emphasis within generalist practice. Course enrollment is limited to Social Work majors. Pre-requisite: SW-241.

**SW-343 SOCIAL WORK PRACTICE WITH FAMILIES 3.00 Credits**

This course focuses on the family as the client system. For generalist practice social workers who will have the need to serve families as a unit, this course will help students to gain a firm understanding of the family as a system. In addition, students will understand the roles, functions, communication patterns, and relational patterns that can be center of family problems as well as resources for better functioning. This course will also emphasize the strengths perspective in helping families make changes that will allow them to cope with issues impeding their functioning. Ethical issues that arise in work with families will also be addressed. Finally, all issues will be referenced through a cultural lens. Course enrollment is limited to Social Work majors. Pre-requisite: SW 241.

**SW-355 SELF-CARE FOR SOCIAL WORKERS 3.00 Credits**

This course is an undergraduate level class designed primarily for students in social work. The objective of the course is two-fold. First, the course is designed to familiarize students with contemplative practice and its relevance for the fields of first responders and helpers. Second, the course is designed to give future care providers practical methods for taking care of themselves and preventing burnout. The course will entail both academic and experiential learning. The class is reflective as well as interactive as we build self-awareness in applying self-care practices into our daily life; and see how that influences those around us.

**SW-360 CASE MANAGEMENT IN SOCIAL WORK 3.00 Credits**

This course is designed to give social work students skills in managing their cases as they enter the field of social work practice. These skills will include engagement, assessment, service plan development, referrals, client monitoring, evaluation, and termination. Students will also learn to manage client data with popular software programs, such as Excel.

**SW-361 CHILD WELFARE 3.00 Credits**

This course presents to the social work student a fundamental model of social work practice that addresses a multi-systemic approach to intervention for families that emphasizes safety, permanence and well-being. The class explores best practice methods of intervention with diverse populations that are a blend of policy changes and practice applications in the domain of child welfare practices.

**SW-363 ETHICS IN SOCIAL WORK PRACTICE 3.00 Credits**

The focus of this course is to familiarize the student with the National Association of Social Workers (NASW) Code of Ethics and for students to develop an ability to apply these codes to a variety of specific problem situations. Students will explore current professional, ethical, and legal issues in a variety of settings and learn how to think through ethical issues in a systematic manner. Principles of ethical decision making and decision-making strategies will be explored. Pre-requisite: Junior standing.

**SW-364 SOCIAL WORK PRACTICE WITH CHILDREN AND ADOLESCENTS 3.00 Credits**

This Social Work elective course focuses on Social Work practice with children, adolescents, and their families. The course incorporates social work practice theory and skill development, relevant policy issues and the considerations, and emphasizes the ways in which empirical research informs practice.

**SW-365 AGING IN THE 21 ST CENTURY 3.00 Credits**

As the American population ages, millions of people referred to as "baby boomers" have begun to retire. However, unlike any time in our history, that population will not be like the stereotypes of old people sitting quietly in rocking chairs. In fact, they will be a population to be reckoned with as they make increasing economic, political, and social demands and will expect to have those demands addressed. The purpose of this course is to create an holistic and positive understanding of older people and how they expect to live in the 21st Century. Their physical, psychological, social, philosophical, ethical, and spiritual dimensions will be infused into on-line discussions and class assignments.

**SW-366 SOCIAL WORK AND SPIRITUAL DIVERSITY 3.00 Credits**

This is an elective course offered to students in the Social Work program with the purpose of understanding the role of spirituality and religion within the context of social work's commitment to the person-in-environment perspective and individual diversity. Religion and spirituality have a profound influence on the lives of clients seen by social work practitioners as well as on social workers themselves. This course considers the role of religion and spirituality in the socialization process of the professional and the client. It examines religious values, ethics, principles, and philosophies as influences.

**SW-386 FOUNDATIONS OF SOCIAL WORK RESEARCH 3.00 Credits**

This course introduces research as a scholarly and evaluative process. In the course, students analyze and critique empirical articles while constructing a comprehensive literature review on social work practice topics. The course highlights basic social scientific research techniques, including qualitative and quantitative methods, data collection, assessment and single-subject design. The use of research and the use of evaluation of practice as tools in the professional repertoire of skills available to the social work generalist are emphasized. The ethics of scientific inquiry are stressed throughout. Course enrollment is limited to Social Work majors. Pre-requisites: Core Math course.

**SW-390 DIRECTED STUDY IN SOCIAL WORK 1.00-3.00 Credits****SW-392 SPECIAL TOPICS IN SOCIAL WORK 1.00-12.00 Credits****SW-393 SERVICE LEARNING 1.00-12.00 Credits****SW-394 INTERNSHIP IN SOCIAL WORK 1.00-12.00 Credits****SW-395 PRACTICUM IN SOCIAL WORK 1.00-12.00 Credits****SW-399 RESEARCH ASSISTANTSHIP 1.00-3.00 Credits****SW-400 CASE MANAGEMENT IN SOCIAL WORK 3.00 Credits**

This social work program elective is designed to give social work students skills in managing their cases as they enter the field of social work practice. These skills will include engagement, assessment, service plan development, referral, monitoring clients, and termination. In addition, students in this course will learn to use spreadsheet and database programs to manage data on their clients. Students will demonstrate their skills through weekly discussions and exercises.

**SW-401 VIOLENCE AND THE FAMILY 3.00 Credits**

This course focuses on the causes, prevalence, treatment and prevention of violence that individuals may encounter when working with families. It provides a historical approach to the issue of violence, the various frameworks to understand it, and the domestic trends that both promote and hinder it. The course will maintain a dual focus on victims and perpetrators of crime, and how they interact with social and economic justice issues. The course will explore the impact of violence on vulnerable groups such as children, women, elderly, mentally ill, minority groups, and others special populations. Topics include child maltreatment, domestic violence, courtship violence, school violence, gang violence, workplace violence, abuse of elderly and disabled, hate crimes, and more. The course will help students to develop a culturally competent view of the impact of violence upon individuals, families and the society at large. Students will learn about violence prevention and intervention strategies that may be used in practice, programming, policy, and research.

**SW-405 TRAUMA AND RESILIENCE 3.00 Credits**

This course will provide students with a level of understanding of trauma's effects on the brain and body necessary for becoming trauma-informed practitioners, as well as advocates for trauma-informed agencies and communities. The course will examine current research on the NEAR sciences, neurobiological effects of trauma, epigenetics, the Adverse Childhood Events study, and resilience for the purpose of understanding trauma-informed practice in the field.

**SW-407 TREATMENT OF COMPLEX TRAUMA 3.00 Credits**

The course will provide a comprehensive overview of the treatment of complex trauma. Students will be introduced to a variety of clinical perspectives and issues in working with complex trauma and consider culturally-informed practices. Students will also learn the basics of working with complex trauma through experiential exercises and personal skills practice. Students will explore how their own lived experiences and biases may impact their therapeutic work those who have experienced complex trauma. The nature of this course requires self-analysis and to that degree self-disclosure. This is an inherent practice in learning the skills necessary to provide ethical treatment to others. You are not, however, required to reveal any specific details of your life, but may choose to use the aspects of your life that you are comfortable working with.

**SW-410 INTRODUCTION TO DIALECTICAL BEHAVIORAL THERAPY 3.00 Credits**

This course is designed as an introduction to the underpinning theory and treatment components of Dialectical Behavioral Therapy (DBT) as designed by Marsha M. Linehan. We will explore why and how DBT was developed and we will examine research that supports its use. We will explore client profiles and treatment structures that are most suitable for the successful implementation of DBT. Instruction will include an overview of the skills modules that are foundational to DBT and effective application of these modules, including some practice developing our own personal use of DBT skills. Pre-requisite: Acceptance into the Social Work Program or permission of the instructor.

**SW-442 GENERALIST PRACTICE IN MEZZO-INTERVENTIONS 3.00 Credits**

Building upon previous practice classes, this course explores the theories and dynamics of group behavior, and the techniques of working with and within diverse groups in a variety of community and organizational contexts. Students learn to assess interaction patterns, individual change through group processes, ethical options and their own group skills as an emphasis within generalist practice. Course enrollment is limited to Social Work majors. Pre-requisite: SW 341 and admission to social work program.

**SW-443 SOCIAL WORK PRACTICE WITH ORGANIZATIONS AND COMMUNITIES 3.00 Credits**

The Generalist Approach is continued with emphasis on social work practice with and within organizations and communities. Emphasis is place on the importance of the many systems affecting large numbers of individuals. Organizational and community structures are examined in order for the beginning practitioner to understand and intervene in the agencies and community within the social service delivery system. Course enrollment is limited to social work majors. Pre-requisite: SW-341 and admission to the social work program.

**SW-480 DIVERSITY AWARENESS IN SOCIAL WORK PRACTICE 3.00 Credits**

This course synthesizes knowledge, values, and skills regarding diverse experiences among client systems, allowing students to demonstrate their understanding of the effects of diverse characteristics in shaping personal identity and the human experience. The course focuses on the intersectionality of multiple factors of age, class, color, culture, physical and mental ability, ethnicity, gender, gender identity and expression, immigration status, political ideology, race, spirituality, sex, and sexual orientation. The course will address the consequences of human differences that may include oppression, poverty, marginalization, and alienation, as well as privilege and power. Pre-requisite: SW-341 or permission of instructor.

**SW-483 FIELD EDUCATION I 4.00 Credits**

Guided by a learning contract, Field Education I is a supervised learning experience enabling the student to apply learned techniques, theories, and professional values from social work foundation courses within an agency setting. Field Education I focuses on supervised social work practice in a human service agency. Enrollment is limited to students admitted to the BSW Program. Graded P/F only. Pre-requisite: SW341.

**SW-484 FIELD EDUCATION II 4.00 Credits**

Guided by a learning contract, Field Education II is a supervised learning experience enabling the student to apply learned techniques, theories, and professional values from social work foundation courses within an agency setting. Enrollment is limited to students admitted to the BSW Program. Graded P/F only. Pre-requisite: SW 483.

**SW-485 FIELD SEMINAR I 2.00 Credits**

This course focuses on classroom learning. The class facilitates the student's professional development toward entry level generalist practice by providing a forum for the integration of field experiences with classroom learning of social work knowledge, skills, and values. Enrollment is limited to students admitted to the BSW Program. Co-Requisite: SW 483.

**SW-486 FIELD SEMINAR II 2.00 Credits**

This course focuses on classroom learning. The class facilitates the student's professional development toward entry level generalist practice by providing a forum for the integration of field experiences with classroom learning of social work knowledge, skills, and values. Enrollment is limited to students admitted to the BSW. Co-Requisite: SW-484.

**SW-487 SOCIAL WORK RESEARCH PROPOSAL 3.00 Credits**

This course is designed to expand upon the knowledge and skills learned in SW 386: Research Methods through practice-informed research. The student will learn about descriptive, comparative, and correlational research designs and develop a research proposal that includes an introduction, literature review, and methodology section. The student is also required to complete an IRB application. Pre-requisites: SW-386.

**SW-488 SOCIAL WORK STATISTICAL ANALYSIS 3.00 Credits**

This course is designed to expand upon the knowledge and skills learned in SW 386: Research Methods and SW487: Social Work Research Proposal through research-informed practice. The student will learn about and utilize descriptive and inferential statistical analysis to analyze and interpret their collected data. Topics include: measures of central tendency, measures of variability, correlation methods, simple analysis of variance, and hypothesis testing. The research paper will include the research proposal from SW 487 as well as the results and discussion section based on their collected data. Pre-requisite: SW-487.

**SW-490 DIRECTED STUDY IN SOCIAL WORK 1.00-3.00 Credits****SW-491 WORKSHOP IN SOCIAL WORK 1.00-3.00 Credits****SW-492 SPECIAL TOPICS IN SOCIAL WORK 1.00-12.00 Credits****SW-493 SERVICE LEARNING 1.00-12.00 Credits****SW-499 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits**

## Behavioral Science AA

The Associate in Arts degree in Behavioral Science is designed for normal completion in two years. It has a two-fold purpose. First, it provides coursework for persons who may want to enter the human services field at the paraprofessional level. Second, it provides a solid general education experience and can serve to enhance career mobility, to be the foundation for a baccalaureate program, or to prepare the student who wants to transfer to another institution. The program takes an interdisciplinary approach to the study of human behavior and cuts across several academic and professional fields. An advisor works with each student to assist him/her in course selection and evaluation of career opportunities.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	

### Humanistic & Artistic Ways of Knowing

Select one course from two categories: 6.00-8.00

**Literature**

ENGL-175	LITERATURE AND IDEAS
ENGL-257	WORLD CLASSICS
ENGL-258	INTERNATIONAL LITERATURE
ENGL-260	NATIVE AMERICAN LITERATURE
ENGL-261	MYTHOLOGIES

**Arts**

ART-100	INTRODUCTION TO ART
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE
HUM-150	INTRODUCTION TO THE ARTS
MUS-101	SURVEY OF MUSIC
MUS-102	MUSIC IN AMERICA
MUS-150	WORLD MUSIC
MUS-151	HISTORY OF MUSICAL THEATER
THEA-101	SURVEY OF THE THEATER

**Language**

NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II

**Scientific Ways of Knowing**

Select one course from two disciplines; one lab 7.00-8.00

BIOF-100	INTRODUCTION TO BIOINFORMATICS
BIOL-100	CONCEPTS OF BIOLOGY
BIOL-120	PLANTS AND PEOPLE
BIOL-123	BIOLOGY IN FILM
BIOL-175	HUMAN BIOLOGY
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I
CHEM-100	CONCEPTS OF CHEMISTRY
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY
CHEM-111	PRINCIPLES OF CHEMISTRY I
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE
CS-108	INTRODUCTION TO COMPUTER SCIENCE
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOL-101	PHYSICAL GEOLOGY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
ID-240	INTEGRATED SCIENCE II
NS-140	INTEGRATED SCIENCE I
NS-150	INTRODUCTION TO NATURAL SCIENCES <sup>1</sup>
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR
PHYS-111	GENERAL PHYSICS I
or PHYS-112	GENERAL PHYSICS II
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS
PHYS-205	DESCRIPTIVE ASTRONOMY
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I

**Social & Behavioral Ways of Knowing**

Select one course from two disciplines: 6.00

ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ECON-201	PRINCIPLES OF MACROECONOMICS

ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	
POLS-101	AMERICAN NATIONAL GOVERNMENT	
POLS-237	INTERNATIONAL POLITICS	
POLS-285	COMPARATIVE GOVERNMENT	
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	
SOC-102	SOCIAL PROBLEMS	
SS-184	DIVERSITY IN ORGANIZATIONS	
SS-185	HUMAN RELATIONS IN ORGANIZATIONS	
<b>Diversity</b>		
Select one of the following:		3.00-4.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ANTH-360	RACE AND ETHNICITY	
COMM-345	INTERCULTURAL COMMUNICATION	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
ID-300C	ETHICS AND IDENTITY	
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS	
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
POLS-285	COMPARATIVE GOVERNMENT	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
SPAN-201	INTERMEDIATE SPANISH I	
SPAN-202	INTERMEDIATE SPANISH II	
SS-184	DIVERSITY IN ORGANIZATIONS	
<b>Integrative Seminar: Ethics &amp; Values</b>		
Select one of the following:		3.00
ID 300A - 300Z (see course descriptions for options)		
ID-301A	HELLS CANYON INSTITUTE	
<b>Foreign/Heritage Language</b>		
Select 16 credits of language if selecting Bachelor of Arts Degree		16.00
<b>Total Credits</b>		<b>37.00</b>

## Program Requirements

Code	Title	Credits
<b>Major Courses</b>		
Major Required Courses:		
ANTH-102	CULTURAL ANTHROPOLOGY	3.00
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	3.00
SOC-101	INTRODUCTION TO SOCIOLOGY	3.00
Major Electives:		
Select 12 credits in ANTH, PSYC, SOC or SW		12.00
<b>General Electives</b>		
Select 2 elective credits		2.00
<b>Total Credits</b>		<b>23.00</b>

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Oral Communication	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	3.00
SOC-101	INTRODUCTION TO SOCIOLOGY	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
ANTH-102	CULTURAL ANTHROPOLOGY	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Mathematical Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
ENGL-102	WRITING AND RHETORIC II	3.00
<b>Credits</b>		<b>18.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Diversity	3.00
CORE	Scientific Ways of Knowing	4.00
CORE	Scientific Ways of Knowing	3.00
Program Requirement	Select ANTH, PSYC, SOC or SW course	3.00
Program Requirement	Select ANTH, PSYC, SOC or SW course	3.00
<b>Credits</b>		<b>16.00</b>
<b>Spring</b>		
CORE	Integrative Seminar: Ethics & Values	3.00
Program Requirement	Select ANTH, PSYC, SOC or SW course	3.00
Program Requirement	Select ANTH, PSYC, SOC or SW course	3.00
Elective	Elective Credits	2.00
<b>Credits</b>		<b>11.00</b>
<b>Total Credits</b>		<b>60.00</b>

Graduates with an AA in Behavioral Science go on to obtain careers in a variety of fields:

- Community Organizations
- Advocacy



- Human Services
- Supervision

## General Studies: Social Sciences BA/BS

The General Studies major is a strong liberal arts program that also provides pre-professional coursework and a strong foundation for graduate-level pursuits. This major offers an extremely flexible focus for a college degree that enables the student to strengthen important skills such as communication, analysis, and problem-solving. In addition, it lets you concentrate on coursework tailored to your interests, passions, and goals.

### General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Arts</b>		
ART-100	INTRODUCTION TO ART	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES	
THEA-101	SURVEY OF THE THEATER	
<b>Language</b>		



NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II

### Scientific Ways of Knowing

Select one course from two disciplines; one lab 7.00-8.00

BIOF-100	INTRODUCTION TO BIOINFORMATICS
BIOL-100	CONCEPTS OF BIOLOGY
BIOL-120	PLANTS AND PEOPLE
BIOL-123	BIOLOGY IN FILM
BIOL-175	HUMAN BIOLOGY
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I
CHEM-100	CONCEPTS OF CHEMISTRY
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY
CHEM-111	PRINCIPLES OF CHEMISTRY I
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE
CS-108	INTRODUCTION TO COMPUTER SCIENCE
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOL-101	PHYSICAL GEOLOGY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
ID-240	INTEGRATED SCIENCE II
NS-140	INTEGRATED SCIENCE I
NS-150	INTRODUCTION TO NATURAL SCIENCES <sup>1</sup>
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR
PHYS-111 or PHYS-112	GENERAL PHYSICS I GENERAL PHYSICS II
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS
PHYS-205	DESCRIPTIVE ASTRONOMY
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I

### Social & Behavioral Ways of Knowing

Select one course from two disciplines: 6.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ECON-201	PRINCIPLES OF MACROECONOMICS
ECON-202	PRINCIPLES OF MICROECONOMICS
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SS-184	DIVERSITY IN ORGANIZATIONS

SS-185	HUMAN RELATIONS IN ORGANIZATIONS	
<b>Diversity</b>		
Select one of the following:		3.00-4.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ANTH-360	RACE AND ETHNICITY	
COMM-345	INTERCULTURAL COMMUNICATION	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
ID-300C	ETHICS AND IDENTITY	
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS	
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
POLS-285	COMPARATIVE GOVERNMENT	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
SPAN-201	INTERMEDIATE SPANISH I	
SPAN-202	INTERMEDIATE SPANISH II	
SS-184	DIVERSITY IN ORGANIZATIONS	
<b>Integrative Seminar: Ethics &amp; Values</b>		
Select one of the following:		3.00
ID 300A - 300Z (see course descriptions for options)		
ID-301A	HELLS CANYON INSTITUTE	
<b>Foreign/Heritage Language</b>		
Select 16 credits of language if selecting Bachelor of Arts Degree		16.00
<b>Total Credits</b>		<b>37.00-43.00</b>

## Program Requirements

Code	Title	Credits
<b>Major Courses</b>		
Select one of the following:		3.00
HIST-200	KEYS TO HISTORICAL RESEARCH	
HIST-300	INTRODUCTION TO PUBLIC HISTORY HISTORY	
JS-499	RESEARCH PROJECT AND SEMINAR IN JUSTICE STUDIES	
SS-300	STATISTICAL METHODS	
SS-385	RESEARCH METHODS	
SS-499	SEMINAR IN SOCIAL SCIENCE AND HISTORY	
SW-386	FOUNDATIONS OF SOCIAL WORK RESEARCH	
Select 51 additional major credits		51.00
51 credits from these disciplines: ANTH; GEOG; HIST; JS; POLS; PSYC; SS; SW; SOC <sup>1</sup>		
A minimum of 30 upper division credits in the Major area		
One course from at least 4 of the Division's disciplines		
Note: Major credits may not duplicate Gen Ed courses		
<b>Electives</b>		

Select 29 elective credits	29.00
<b>Total Credits</b>	<b>83.00</b>

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<sup>1</sup>ID-300A, ID-300F, ID-300H, ID-300J, ID-300L, ID-300N, ID-300U, ID-300V, ID-300W, and ID-300X may be counted towards the 51 major credits.

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Oral Communication	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
ENGL-102	WRITING AND RHETORIC II	3.00
CORE	Diversity	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Mathematical Ways of Knowing	3.00
CORE	Scientific Ways of Knowing	3.00
<b>Credits</b>		<b>15.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Scientific Ways of Knowing	4.00
CORE	Integrative Seminar: Ethics & Values	3.00
Program Requirement	Social Science Course	3.00
Program Requirement	Social Science Course 300/400 Level <sup>1</sup>	3.00
Program Requirement	Social Science Course 300/400 Level <sup>1</sup>	3.00
<b>Credits</b>		<b>16.00</b>
<b>Spring</b>		
Program Requirement	Social Science Course	3.00
Program Requirement	Social Science Course	3.00
Program Requirement	Social Science Course 300/400 Level <sup>1</sup>	3.00
Program Requirement	Social Science Course 300/400 Level <sup>1</sup>	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Third Year</b>		
<b>Fall</b>		
Program Requirement	Social Science Course	3.00
Program Requirement	Social Science Course	3.00
Program Requirement	Social Science Course 300/400 Level <sup>1</sup>	3.00
Program Requirement	Social Science Course 300/400 Level <sup>1</sup>	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
Program Requirement	Social Science Course 300/400 Level <sup>1</sup>	3.00
Program Requirement	Social Science Course 300/400 Level <sup>1</sup>	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00

Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Fourth Year</b>		
<b>Fall</b>		
Program Requirement	Social Science Course	3.00
Program Requirement	Social Science Course 300/400 Level <sup>1</sup>	3.00
Program Requirement	Social Science Course 300/400 Level <sup>1</sup>	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
Program Requirement	Social Science Course 300/400 Level <sup>1</sup>	3.00
Program Requirement	Social Science Course 300/400 Level <sup>1</sup>	3.00
Elective	Elective Credits	2.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>14.00</b>
<b>Total Credits</b>		<b>120.00</b>

<sup>1</sup> Social Science course may come from the following disciplines: ANTH, ECON, GEOG, HIST, JS, POLS, PSYC, SS, SW or SOC. Must take courses from at least 4 different disciplines.

The BA/BS in General Studies: Social Sciences prepares students for a wide variety of opportunities including professional employment and graduate school.

## History BA/BS

History involves the study of the past. More specifically, historians examine, analyze, and interpret change and continuity in human societies over time. History provides an opportunity not only to learn not only about the past, but also to gain important insights into the present. By understanding what has happened before, we can better understand and evaluate current information and events.

As part of an integrated Social Sciences Program, the History major is designed to enhance students' understanding of the world through the application of social scientific research skills to domestic, regional and global problems, as well as issues of diversity. The major provides practical insights into why and how the world(s) we live in work the way they do.

Further, it can prepare students for careers not only in teaching but also law, politics, journalism, historical preservation, cultural resource management, or for running their own business and anything involving finding and understanding new information (research). The major's focus on independent learning provides opportunity for students to prepare for a wide variety of leadership positions in community and business.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	

MATH-143	COLLEGE ALGEBRA
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY
MATH-153	STATISTICAL REASONING
MATH-170	CALCULUS I
MATH-253	STATISTICAL METHODS FOR THE SCIENCES
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II
MTHPT-130	FINITE MATHEMATICS
MTHPT-137	MATH FOR TECHNOLOGY
MTHPT-153	STATISTICAL REASONING

**Humanistic & Artistic Ways of Knowing**

Select one course from two categories: 6.00-8.00

**Literature**

ENGL-175	LITERATURE AND IDEAS
ENGL-257	WORLD CLASSICS
ENGL-258	INTERNATIONAL LITERATURE
ENGL-260	NATIVE AMERICAN LITERATURE
ENGL-261	MYTHOLOGIES

**Arts**

ART-100	INTRODUCTION TO ART
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE
HUM-150	INTRODUCTION TO THE ARTS
MUS-101	SURVEY OF MUSIC
MUS-102	MUSIC IN AMERICA
MUS-150	WORLD MUSIC
MUS-151	HISTORY OF MUSICAL THEATER
THEA-101	SURVEY OF THE THEATER

**Language**

NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II

**Scientific Ways of Knowing**

Select one course from two disciplines; one lab 7.00-8.00

BIOF-100	INTRODUCTION TO BIOINFORMATICS
BIOL-100	CONCEPTS OF BIOLOGY
BIOL-120	PLANTS AND PEOPLE
BIOL-123	BIOLOGY IN FILM
BIOL-175	HUMAN BIOLOGY
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I
CHEM-100	CONCEPTS OF CHEMISTRY
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY
CHEM-111	PRINCIPLES OF CHEMISTRY I
CS-108	INTRODUCTION TO COMPUTER SCIENCE
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOL-101	PHYSICAL GEOLOGY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
ID-240	INTEGRATED SCIENCE II
NS-140	INTEGRATED SCIENCE I
NS-150	INTRODUCTION TO NATURAL SCIENCES <sup>1</sup>
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR
PHYS-111	GENERAL PHYSICS I

or PHYS-112	GENERAL PHYSICS II
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS
PHYS-205	DESCRIPTIVE ASTRONOMY
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I

**Social & Behavioral Ways of Knowing**

Select one course from two disciplines: 6.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ECON-201	PRINCIPLES OF MACROECONOMICS
ECON-202	PRINCIPLES OF MICROECONOMICS
GEOG-102	INTRODUCTION TO GEOGRAPHY
HRPT-184	DIVERSITY IN ORGANIZATIONS
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS

**Diversity**

Select one of the following: 3.00-4.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ANTH-360	RACE AND ETHNICITY
COMM-345	INTERCULTURAL COMMUNICATION
ENGL-258	INTERNATIONAL LITERATURE
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
ID-300C	ETHICS AND IDENTITY
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
POLS-285	COMPARATIVE GOVERNMENT
SOC-101	INTRODUCTION TO SOCIOLOGY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
SS-184	DIVERSITY IN ORGANIZATIONS

**Integrative Seminar: Ethics & Values**

Select one of the following: 3.00

ID 300A - 300Z (see course descriptions for options)
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ID-301A HELLS CANYON INSTITUTE

**Foreign/Heritage Language**

Select 8 credits of language 8.00

**Total Credits** 45.00-51.00

## Program Requirements

Code	Title	Credits
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**Research Skills Component**

HIST-200	KEYS TO HISTORICAL RESEARCH	3.00
HIST-300	INTRODUCTION TO PUBLIC HISTORY HISTORY	3.00
POLS-200	SOCIAL AND POLITICAL PHILOSOPHY	3.00
SS-499	SEMINAR IN SOCIAL SCIENCE AND HISTORY	3.00

**Introductory Courses**

HIST-101	WORLD HISTORY I	3.00
HIST-102	WORLD HISTORY II	3.00
HIST-111	UNITED STATES HISTORY I	3.00
HIST-112	UNITED STATES HISTORY II	3.00

Select one of the following Emphasis Areas 18.00-22.00

**History**

Select 18 credits of HIST 200 level or higher

**Public History**

HIST-301	PROJECTS IN PUBLIC HISTORY
HIST-494	INTERNSHIP IN HISTORY
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS

Select 6 credits from the following:

ANTH-320	NORTH AMERICAN INDIANS
ANTH-386	ETHNOGRAPHY
HIST-340	HISTORY OF THE NEZ PERCE TRIBE
HIST-410	HISTORY OF UNITED STATES INDIAN POLICY
HIST-424	AMERICAN WOMEN'S HISTORY
HIST-450	CIVIL WAR AND RECONSTRUCTION
HIST-451	GILDED AGE AMERICA, 1877-1900

Select 6 credits of HIST 200 level or higher

**Breadth Area**

Select 9 credits of ANTH/POLS/SOC 300 level or higher 9.00

**Electives**

Select 16 credits if selecting Bachelor of Arts degree; select 24 credits for Bachelor of Science degree 16.00-24.00

**Total Credits** 67.00-79.00

## Sequential Plan of Study

Course	Title	Credits
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**First Year****Fall**

CORE	Mathematical Ways of Knowing	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
HIST-101	WORLD HISTORY I	3.00

**Credits** 15.00**Spring**

CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Oral Communication	3.00

CORE	Social & Behavioral Ways of Knowing	3.00
ENGL-102	WRITING AND RHETORIC II	3.00
HIST-102	WORLD HISTORY II	3.00
<b>Credits</b>		<b>15.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Diversity	3.00
CORE	Scientific Ways of Knowing	3.00
HIST-111	UNITED STATES HISTORY I	3.00
SPAN-101 or NP-101	ELEMENTARY SPANISH I or NEZ PERCE LANGUAGE AND CULTURE	4.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>16.00</b>
<b>Spring</b>		
CORE	Scientific Ways of Knowing	4.00
HIST-112	UNITED STATES HISTORY II	3.00
SPAN-102 or NP-102	ELEMENTARY SPANISH II or NEZ PERCE LANGUAGE AND HISTORY	4.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>14.00</b>
<b>Third Year</b>		
<b>Fall</b>		
POLS-200	SOCIAL AND POLITICAL PHILOSOPHY	3.00
CORE	Integrative Seminar: Ethics & Values	3.00
HIST-300	INTRODUCTION TO PUBLIC HISTORY HISTORY	3.00
Program Requirement	Select ANTH, POLS or SOC 300/400 level	3.00
Program Requirement	Select Emphasis course	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
HIST-200	KEYS TO HISTORICAL RESEARCH	3.00
Program Requirement	Select ANTH, POLS or SOC 300/400 level	3.00
Program Requirement	Select Emphasis course	3.00
Program Requirement	Select Emphasis course	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Fourth Year</b>		
<b>Fall</b>		
Program Requirement	Select ANTH, POLS or SOC 300/400 level	3.00
Program Requirement	Select Emphasis course	3.00
Program Requirement	Select Emphasis course	3.00
Program Requirement	Select Emphasis course	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
SS-499	SEMINAR IN SOCIAL SCIENCE AND HISTORY	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>120.00</b>



Graduates with a BA/BS in History go on to obtain careers in a variety of fields:

- Archivists
- Education
- Library Studies
- Research Assistants

## Justice Studies AA

The Justice Studies Associate's degree provides students with an introductory education in the Criminal Justice field. The degree provides a strong foundation for the bachelor's degree in Justice Studies, and can serve as a stepping stone to a variety of careers in federal, state, and local criminal justice and human service agencies. In response to criminal justice agency-identified needs, the curriculum is strongly oriented to the social and behavioral sciences.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Arts</b>		
ART-100	INTRODUCTION TO ART	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	

MUS-151	HISTORY OF MUSICAL THEATER	
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES	
THEA-101	SURVEY OF THE THEATER	
<b>Language</b>		
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
<b>Scientific Ways of Knowing</b>		
Select one course from two disciplines; one lab		7.00-8.00
BIOF-100	INTRODUCTION TO BIOINFORMATICS	
BIOL-100	CONCEPTS OF BIOLOGY	
BIOL-120	PLANTS AND PEOPLE	
BIOL-123	BIOLOGY IN FILM	
BIOL-175	HUMAN BIOLOGY	
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	
CHEM-100	CONCEPTS OF CHEMISTRY	
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	
CHEM-111	PRINCIPLES OF CHEMISTRY I	
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE	
CS-108	INTRODUCTION TO COMPUTER SCIENCE	
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE	
GEOL-101	PHYSICAL GEOLOGY	
GEOL-120	INTRODUCTION TO EARTH SYSTEMS	
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS	
ID-240	INTEGRATED SCIENCE II	
NS-140	INTEGRATED SCIENCE I	
NS-150	INTRODUCTION TO NATURAL SCIENCES <sup>1</sup>	
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR	
PHYS-111	GENERAL PHYSICS I	
or PHYS-112	GENERAL PHYSICS II	
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS	
PHYS-205	DESCRIPTIVE ASTRONOMY	
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I	
<b>Social &amp; Behavioral Ways of Knowing</b>		
Select one course from two disciplines:		6.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	
POLS-101	AMERICAN NATIONAL GOVERNMENT	
POLS-237	INTERNATIONAL POLITICS	
POLS-285	COMPARATIVE GOVERNMENT	
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	

PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS

**Diversity**

Select one of the following: 3.00-4.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ANTH-360	RACE AND ETHNICITY
COMM-345	INTERCULTURAL COMMUNICATION
ENGL-258	INTERNATIONAL LITERATURE
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
ID-300C	ETHICS AND IDENTITY
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
POLS-285	COMPARATIVE GOVERNMENT
SOC-101	INTRODUCTION TO SOCIOLOGY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
SS-184	DIVERSITY IN ORGANIZATIONS

**Integrative Seminar: Ethics & Values**

Select one of the following: 3.00

ID 300A - 300Z (see course descriptions for options)	
ID-301A	HELLS CANYON INSTITUTE

**Foreign/Heritage Language**

Select 16 credits of language if selecting Bachelor of Arts Degree 16.00

**Total Credits 37.00-43.00**

## Program Requirements

Code	Title	Credits
JS-103	INTRODUCTION TO CRIMINAL JUSTICE	3.00
JS-201	POLICE IN AMERICA	3.00
JS-202	CORRECTIONS IN AMERICA	3.00
Take 12 credits from the following; 6 must be from subject JS		12.00
ADS/PSYC-243	Course ADS-243 Not Found	
ID-300H	LAW AND SOCIETY	
JS-225	CRIMINAL PROCEDURE	
JS-302	COMMUNITY-BASED CORRECTIONS	
JS/SOC-320	JUVENILE DELINQUENCY	
JS-325	CRIMINAL LAW	
JS-345	CRIMINOLOGY	

JS-484	CYBERCRIME	
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	
SOC-101	INTRODUCTION TO SOCIOLOGY	
<b>General Electives</b>		
Select 2 elective credits		2.00
<b>Total Credits</b>		<b>23.00</b>
<b>Course</b>	<b>Title</b>	<b>Credits</b>
<b>First Year</b>		
<b>Fall</b>		
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Oral Communication	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
JS-103	INTRODUCTION TO CRIMINAL JUSTICE	3.00
JS-201	POLICE IN AMERICA	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
CORE	Mathematical Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
ENGL-102	WRITING AND RHETORIC II	3.00
JS-202	CORRECTIONS IN AMERICA	3.00
<b>Credits</b>		<b>15.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Diversity	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Scientific Ways of Knowing	4.00
CORE	Scientific Ways of Knowing	3.00
Program Requirements	Select Justice Studies Selective <sup>1</sup>	3.00
<b>Credits</b>		<b>16.00</b>
<b>Spring</b>		
CORE	Integrative Seminar: Ethics & Values	3.00
Elective	Elective Credits	2.00
Program Requirements	Select Justice Studies Selective <sup>1</sup>	3.00
Program Requirements	Select Justice Studies Selective <sup>1</sup>	3.00
Program Requirements	Select Justice Studies Selective <sup>1</sup>	3.00
<b>Credits</b>		<b>14.00</b>
<b>Total Credits</b>		<b>60.00</b>

<sup>1</sup> Select from the following course options: JS-225, JS-302, JS-325, JS-345, JS-484, JS-320/SOC-320, PSYC-101, SOC-101, SOC-102, ADS-243/PSYC-243, ID-300H

Graduates with a BA/BS in Justice Studies go on to obtain careers in a variety of fields:

- Local, Regional, and National Law Enforcement
- Probation and Parole
- Corrections
- Law and Legal Studies

## Justice Studies BA/BS

The Justice Studies major is designed to provide students with a broad professional education that will prepare them for a variety of fulfilling careers in federal, state, and local criminal justice and human service agencies. The curriculum is strongly oriented to learning about crime, justice, and policy

through the lens of the social and behavioral sciences. The major has three separate emphasis areas, including Policing and Law Enforcement, Law and the Legal System, and Corrections and Human Services. Its commitment to developing a well-rounded professionally oriented student further includes field internships with criminal justice, legal, and social service agencies. The Justice Studies bachelor's and associate degrees lead to numerous rewarding careers, ranging from policing to private security, law school and the legal profession, and adult to youth corrections among many others.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Arts</b>		
ART-100	INTRODUCTION TO ART	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES	
THEA-101	SURVEY OF THE THEATER	
<b>Language</b>		
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
SPAN-101	ELEMENTARY SPANISH I	

SPAN-102 ELEMENTARY SPANISH II

**Scientific Ways of Knowing**

Select one course from two disciplines; one lab 7.00-8.00

BIOF-100	INTRODUCTION TO BIOINFORMATICS
BIOL-100	CONCEPTS OF BIOLOGY
BIOL-120	PLANTS AND PEOPLE
BIOL-123	BIOLOGY IN FILM
BIOL-175	HUMAN BIOLOGY
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I
CHEM-100	CONCEPTS OF CHEMISTRY
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY
CHEM-111	PRINCIPLES OF CHEMISTRY I
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE
CS-108	INTRODUCTION TO COMPUTER SCIENCE
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOL-101	PHYSICAL GEOLOGY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
ID-240	INTEGRATED SCIENCE II
NS-140	INTEGRATED SCIENCE I
NS-150	INTRODUCTION TO NATURAL SCIENCES <sup>1</sup>
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR
PHYS-111	GENERAL PHYSICS I
or PHYS-112	GENERAL PHYSICS II
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS
PHYS-205	DESCRIPTIVE ASTRONOMY
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I

**Social & Behavioral Ways of Knowing**

Select one course from two disciplines: 6.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ECON-201	PRINCIPLES OF MACROECONOMICS
ECON-202	PRINCIPLES OF MICROECONOMICS
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS

**Diversity**

Select one of the following: 3.00-4.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ANTH-360	RACE AND ETHNICITY
COMM-345	INTERCULTURAL COMMUNICATION
ENGL-258	INTERNATIONAL LITERATURE
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
ID-300C	ETHICS AND IDENTITY
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
POLS-285	COMPARATIVE GOVERNMENT
SOC-101	INTRODUCTION TO SOCIOLOGY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
SS-184	DIVERSITY IN ORGANIZATIONS

**Integrative Seminar: Ethics & Values**

Select one of the following: 3.00

ID 300A - 300Z (see course descriptions for options)

ID-301A HELLS CANYON INSTITUTE

**Foreign/Heritage Language**

Select 16 credits of language if selecting Bachelor of Arts Degree 16.00

**Total Credits****37.00-43.00**

## Program Requirements

Code	Title	Credits
<b>Major Courses</b>		
JS-103	INTRODUCTION TO CRIMINAL JUSTICE	3.00
JS-201	POLICE IN AMERICA	3.00
JS-202	CORRECTIONS IN AMERICA	3.00
JS-225	CRIMINAL PROCEDURE	3.00
JS/SOC-320	JUVENILE DELINQUENCY	3.00
JS-325	CRIMINAL LAW	3.00
JS/SOC-345	CRIMINOLOGY	3.00
JS-475	CRIME, JUSTICE AND ETHICS	3.00
JS-480	VICTIMOLOGY	3.00
JS-495	PRACTICUM IN JUSTICE STUDIES	3.00
JS-499	RESEARCH PROJECT AND SEMINAR IN JUSTICE STUDIES	3.00
SS-385	RESEARCH METHODS	3.00
<b>Emphasis</b>		
Select one of the following emphases:		15.00
<b>Policing and Law Enforcement Emphasis</b>		
ADS-343	INTRODUCTION TO ADDICTION STUDIES	
JS/SOC-275	PRINCIPLES OF INTERVIEWING AND CASE STUDIES	

JS-280	PRINCIPLES OF CRIMINAL INVESTIGATIONS	
JS-310	ORGANIZATION AND ADMINISTRATION OF JUSTICE	
JS-333	WHITE COLLAR CRIME	
JS-401	COMMUNITY POLICING	
JS-403	COMPARATIVE CRIMINAL JUSTICE SYSTEMS	
JS-484	CYBERCRIME	
POLS-345	CONSTITUTIONAL LAW	
SOC-375	DEVIANT BEHAVIOR AND SOCIAL CONTROL	
<b>Law and Legal System Emphasis</b>		
BUS-365	BUSINESS LAW I	
ID-300H	LAW AND SOCIETY	
JS-280	PRINCIPLES OF CRIMINAL INVESTIGATIONS	
JS-310	ORGANIZATION AND ADMINISTRATION OF JUSTICE	
JS-333	WHITE COLLAR CRIME	
JS-403	COMPARATIVE CRIMINAL JUSTICE SYSTEMS	
JS-484	CYBERCRIME	
LAWPT-345	TORT LAW	
POLS-200	SOCIAL AND POLITICAL PHILOSOPHY	
or PHIL-200	SOCIAL AND POLITICAL PHILOSOPHY	
POLS-345	CONSTITUTIONAL LAW	
<b>Corrections and Human Services Emphasis</b>		
ADS-343	INTRODUCTION TO ADDICTION STUDIES	
ADS-443	CASE MANAGEMENT AND CHEMICAL DEPENDENCY	
JS-302	COMMUNITY-BASED CORRECTIONS	
JS-310	ORGANIZATION AND ADMINISTRATION OF JUSTICE	
JS-333	WHITE COLLAR CRIME	
JS-402	REHABILITATION PROGRAMS	
JS-484	CYBERCRIME	
PSYC-311	ABNORMAL PSYCHOLOGY	
SOC-315	MARRIAGE AND FAMILY	
SOC-375	DEVIANT BEHAVIOR AND SOCIAL CONTROL	
<b>Foreign/Heritage Language</b>		
Take 16 credits of language if selecting a Bachelor or Arts degree		16.00
<b>Diversity</b>		
Take 9 credits from the following if selecting a Bachelor of Science degree		9.00
JS/SOC-422	RACE, CLASS, GENDER & JUSTICE	
JS/SOC-425	VIOLENCE AND GENDER	
Select from list of Justice Studies Diversity courses (see advisor)		
<b>Electives</b>		
Select 23 elective credits		23.00
<b>Total Credits</b>		<b>83.00</b>

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
CORE	Mathematical Ways of Knowing	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
JS-103	INTRODUCTION TO CRIMINAL JUSTICE	3.00
<b>Credits</b>		<b>15.00</b>



**Spring**

CORE	Oral Communication	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
ENGL-102	WRITING AND RHETORIC II	3.00
JS-201	POLICE IN AMERICA	3.00
JS-202	CORRECTIONS IN AMERICA	3.00

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<b>Credits</b>		<b>15.00</b>
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**Second Year****Fall**

CORE	Diversity	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Scientific Ways of Knowing	3.00
JS-225	CRIMINAL PROCEDURE	3.00
Elective	Elective Credits	3.00

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<b>Credits</b>		<b>15.00</b>
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**Spring**

CORE	Scientific Ways of Knowing	4.00
Program Requirement	Select Emphasis course	3.00
Program Requirement	Select Diversity or Foreign/Heritage Language course	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00

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<b>Credits</b>		<b>16.00</b>
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**Third Year****Fall**

CORE	Integrative Seminar: Ethics & Values	3.00
JS-320 or SOC-320	JUVENILE DELINQUENCY or JUVENILE DELINQUENCY	3.00
JS-345 or SOC-345	CRIMINOLOGY or CRIMINOLOGY	3.00
Program Requirement	Select Emphasis course	3.00
Program Requirement	Select Diversity or Foreign/Heritage Language course	3.00

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<b>Credits</b>		<b>15.00</b>
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**Spring**

JS-325	CRIMINAL LAW	3.00
JS-475	CRIME, JUSTICE AND ETHICS	3.00
Program Requirement	Select Emphasis course	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00

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<b>Credits</b>		<b>15.00</b>
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**Fourth Year****Fall**

JS-484	CYBERCRIME	3.00
Program Requirement	Select Emphasis course	3.00
Program Requirement	Select Diversity or Foreign/Heritage Language course	3.00
SS-385	RESEARCH METHODS	3.00
Elective	Elective Credits	3.00

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<b>Credits</b>		<b>15.00</b>
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**Spring**

JS-495	PRACTICUM IN JUSTICE STUDIES	3.00
JS-499	RESEARCH PROJECT AND SEMINAR IN JUSTICE STUDIES	3.00
Program Requirement	Select Emphasis course	3.00

Elective	Elective Credits	5.00
	<b>Credits</b>	<b>14.00</b>
	<b>Total Credits</b>	<b>120.00</b>

Graduates with a BA/BS in Justice Studies with Criminal Justice Emphasis go on to obtain careers in a variety of fields:

- Local, Regional, and National Law Enforcement
- Probation and Parole
- Corrections
- Law and Legal Studies

Graduates with a BA/BS in Justice Studies with Human Services Emphasis go on to obtain careers in a variety of fields:

- Casework/Case Management
- Court Services
- Family Agencies
- Non-Profit Organizations

## Psychology BA/BS

Psychology involves in the scientific study of the mind and behavior. Psychologists, using the scientific method, discover and create knowledge about human beings as well as help improve the human condition through psychological services. Psychologists pursue their research and human services in clinics, hospitals, schools, colleges, universities, businesses, and military and government agencies as well as a variety of other health and social services organizations. Anyone who works with people (or designs software or machines used by people) can benefit from understanding psychological findings and their applications.

The required courses in the Psychology major are congruent with guidelines from the American Psychological Association. While most sub-disciplines in the field of psychology are included in the program of study, social psychology, research methods and counseling/clinical psychology receive particular emphasis as bases for future careers and graduate study.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	

### Humanistic & Artistic Ways of Knowing

Select one course from two categories: 6.00-8.00

**Literature**

ENGL-175	LITERATURE AND IDEAS
ENGL-257	WORLD CLASSICS
ENGL-258	INTERNATIONAL LITERATURE
ENGL-260	NATIVE AMERICAN LITERATURE
ENGL-261	MYTHOLOGIES

**Arts**

ART-100	INTRODUCTION TO ART
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE
HUM-150	INTRODUCTION TO THE ARTS
MUS-101	SURVEY OF MUSIC
MUS-102	MUSIC IN AMERICA
MUS-150	WORLD MUSIC
MUS-151	HISTORY OF MUSICAL THEATER
THEA-101	SURVEY OF THE THEATER

**Language**

NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II

**Scientific Ways of Knowing**

Select one course from two disciplines; one lab 7.00-8.00

BIOF-100	INTRODUCTION TO BIOINFORMATICS
BIOL-100	CONCEPTS OF BIOLOGY
BIOL-120	PLANTS AND PEOPLE
BIOL-123	BIOLOGY IN FILM
BIOL-175	HUMAN BIOLOGY
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I
CHEM-100	CONCEPTS OF CHEMISTRY
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY
CHEM-111	PRINCIPLES OF CHEMISTRY I
CS-108	INTRODUCTION TO COMPUTER SCIENCE
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOL-101	PHYSICAL GEOLOGY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
ID-240	INTEGRATED SCIENCE II
NS-140	INTEGRATED SCIENCE I
NS-150	INTRODUCTION TO NATURAL SCIENCES <sup>1</sup>
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR
PHYS-111	GENERAL PHYSICS I
or PHYS-112	GENERAL PHYSICS II
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS
PHYS-205	DESCRIPTIVE ASTRONOMY
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I

**Social & Behavioral Ways of Knowing**

PSYC-101 INTRODUCTION TO GENERAL PSYCHOLOGY 3.00

Select one from the following: 3.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES

ECON-201	PRINCIPLES OF MACROECONOMICS
ECON-202	PRINCIPLES OF MICROECONOMICS
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS

**Diversity**

Select one of the following: 3.00-4.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ANTH-360	RACE AND ETHNICITY
COMM-345	INTERCULTURAL COMMUNICATION
ENGL-258	INTERNATIONAL LITERATURE
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
ID-300C	ETHICS AND IDENTITY
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
POLS-285	COMPARATIVE GOVERNMENT
SOC-101	INTRODUCTION TO SOCIOLOGY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
SS-184	DIVERSITY IN ORGANIZATIONS

**Integrative Seminar: Ethics & Values**

Select one of the following: 3.00

ID 300A - 300Z (see course descriptions for options)	
ID-301A	HELLS CANYON INSTITUTE

**Foreign/Heritage Language**

Select 16 credits of language if selecting Bachelor of Arts Degree 16.00

**Total Credits 37.00**

## Program Requirements

Code	Title	Credits
<b>Major Courses</b>		
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	3.00
PSYC-226	BIOLOGICAL BASES OF BEHAVIOR	3.00
PSYC-240	PHILOSOPHICAL & HISTORICAL ROOTS OF PSYCHOLOGICAL SCIENCE	3.00
PSYC/ECON/SS-300	STATISTICAL METHODS	3.00
PSYC-311	ABNORMAL PSYCHOLOGY	3.00
PSYC-320	SOCIAL PSYCHOLOGY	3.00
PSYC-385	RESEARCH METHODS	3.00
PSYC-387	SCIENTIFIC READING & WRITING LAB	2.00
PSYC-407	PROFESSIONAL DEVELOPMENT IN PSYCHOLOGY	1.00
PSYC-499	RESEARCH PROJECT AND SEMINAR IN PSYCHOLOGY	3.00
Select one of the following:		3.00
PSYC-485	ADVANCED RESEARCH SEMINAR	
PSYC-494	INTERNSHIP IN PSYCHOLOGY	
PSYC-495	PRACTICUM IN PSYCHOLOGY	
<b>Psychology Selectives</b>		
Complete a minimum of 21 credits from below; 15 must be PSYC		21.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-310	CULTURE AND HEALTH	
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	
BIOL-228	HUMAN ANATOMY AND PHYSIOLOGY II	
BIOL-362	CELLULAR AND MOLECULAR BIOLOGY	
BUS-360	LEADERSHIP	
BUS-412	HUMAN RESOURCE MANAGEMENT	
COMM-205	LOGIC AND ARGUMENTATION	
COMM-320	PERSUASION	
COMM-330	PROFESSIONAL COMMUNICATION	
COMM-384	COMMUNICATION THEORY	
HLTH-245	DEATH AND DYING	
HLTH-246	HUMAN SEXUALITY	
HLTH-247	STRESS MANAGEMENT	
JS-320	JUVENILE DELINQUENCY	
JS-345	CRIMINOLOGY	
JS-425	VIOLENCE AND GENDER	
POLS-200	SOCIAL AND POLITICAL PHILOSOPHY	
POLS-370	POLITICAL COMMUNICATION	
SOC-315	MARRIAGE AND FAMILY	
SOC-360	RACE AND ETHNICITY	
SOC-375	DEVIANT BEHAVIOR AND SOCIAL CONTROL	
SOC-403	SOCIAL CHANGE	
SOC-425	VIOLENCE AND GENDER	
SW-140	INTRODUCTION TO SOCIAL WORK AND SOCIAL WELFARE	
SW-321	HUMAN BEHAVIOR IN SOCIAL ENVIRONMENT I	
SW-322	HUMAN BEHAVIOR IN SOCIAL ENVIRONMENT II	
THEA-215	PRINCIPLES OF ACTING	
<b>Electives</b>		
Select 32 elective credits		32.00
<b>Total Credits</b>		<b>83.00</b>

No grade lower than a "C-" will be accepted for a PSYC Major Courses or for Psych Electives.

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Mathematical Ways of Knowing	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
CORE	Oral Communication	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
ENGL-102	WRITING AND RHETORIC II	3.00
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	3.00
PSYC-240	PHILOSOPHICAL & HISTORICAL ROOTS OF PSYCHOLOGICAL SCIENCE	3.00
<b>Credits</b>		<b>15.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Scientific Ways of Knowing	3.00
PSYC-226	BIOLOGICAL BASES OF BEHAVIOR	3.00
Program Requirement	Select PSYC Selective course	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
CORE	Diversity	3.00
CORE	Scientific Ways of Knowing	3.00
Program Requirement	Select PSYC Selective course	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Third Year</b>		
<b>Fall</b>		
CORE	Integrative Seminar: Ethics & Values	3.00
PSYC-300	STATISTICAL METHODS	3.00
PSYC-320	SOCIAL PSYCHOLOGY	3.00
Program Requirement	Select PSYC Selective course	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
PSYC-311	ABNORMAL PSYCHOLOGY	3.00
PSYC-385	RESEARCH METHODS	3.00
Program Requirement	Select PSYC Selective course	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Fourth Year</b>		
<b>Fall</b>		
Program Requirement	Select PSYC Selective course	3.00

Program Requirement	PSYC-485, PSYC-494 or PSYC-495	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
PSYC-499	RESEARCH PROJECT AND SEMINAR IN PSYCHOLOGY	3.00
Program Requirement	Select PSYC Selective course	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>120.00</b>

Graduates with a BA/BS in Psychology go on to obtain careers in a variety of fields:

- Psychiatric Technicians
- Community Relations
- Education
- Human Resources
- Law Enforcement
- Mental Health Technician
- Research Assistants

## Psychology: Secondary Education BA/BS

The Secondary Teacher Education program prepares teacher candidates for certification in grades 6-12. It requires 27 credits of Education course work in professional foundations and studies and 13 credits during internship. Students apply for admission to the program after successfully completing nine credits of Education course work in professional foundations. During the course of the studies, candidates may be asked to reapply to the program if their GPA falls below 3.0 in general course work and 3.0 in their selected content area(s) of endorsement such as biology, chemistry, communication arts, earth science, English, math, natural sciences, physical education/health, psychology, or social studies. There are separate degree requirements for each major and minor endorsement area.

Secondary Teaching Certificates (6-12) are endorsed for subject areas according to Idaho Teacher Certification standards. All certificates require a minimum of 30 semester credits for a teaching field major and 20 semester credits for a teaching minor. For a single teaching field major, a minimum of 45 semester credits is required. The Psychology endorsement is *not* a single teaching field endorsement; a second endorsement of at least 20 semester credits is required for Idaho certification. The following LC State areas are approved for teaching field majors: Biology; Chemistry; Communication Arts with a Speech and Debate emphasis; Earth Science; English; Kinesiology-Physical Education K-12 and Health 6-12; Mathematics; Natural Sciences; Psychology; and Social Science with a History emphasis (see degree requirements for each major). For marketability purposes, students are encouraged to pursue endorsements and minors in a second teaching field; consult with an advisor for the proper procedure. Secondary Education majors must have a content area advisor and a Secondary Education advisor.

Graduates from other colleges or universities seeking secondary teacher certification must fulfill all Secondary Education professional course work requirements in addition to meeting all academic major or minor teaching field requirements for subject area endorsement.

Students in the Secondary Education Certification program are expected to provide evidence through performance that they have met Idaho's requirements for certification and become dedicated and knowledgeable professionals, content specialists, competent educational designers, capable educational facilitators, insightful educational evaluators, reflective professionals, and culturally responsive professionals before being recommended for secondary teacher certification.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		

Select one from the following: 3.00

COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION
COMM-203	SMALL GROUP COMMUNICATION
COMM-204	PUBLIC SPEAKING

### Mathematical Ways of Knowing

Select one of the following: 3.00-5.00

MATH-123	MATH IN MODERN SOCIETY
MATH-130	FINITE MATHEMATICS
MATH-143	COLLEGE ALGEBRA
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY
MATH-153	STATISTICAL REASONING
MATH-170	CALCULUS I
MATH-253	STATISTICAL METHODS FOR THE SCIENCES
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II
MTHPT-130	FINITE MATHEMATICS
MTHPT-137	MATH FOR TECHNOLOGY
MTHPT-153	STATISTICAL REASONING

### Humanistic & Artistic Ways of Knowing

Select one course from two categories: 6.00-8.00

#### Literature

ENGL-175	LITERATURE AND IDEAS
ENGL-257	WORLD CLASSICS
ENGL-258	INTERNATIONAL LITERATURE
ENGL-260	NATIVE AMERICAN LITERATURE
ENGL-261	MYTHOLOGIES

#### Arts

ART-100	INTRODUCTION TO ART
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE
HUM-150	INTRODUCTION TO THE ARTS
MUS-101	SURVEY OF MUSIC
MUS-102	MUSIC IN AMERICA
MUS-150	WORLD MUSIC
MUS-151	HISTORY OF MUSICAL THEATER
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES
THEA-101	SURVEY OF THE THEATER

#### Language

NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II

### Scientific Ways of Knowing

Select one course from two disciplines; one lab 7.00-8.00

BIOF-100	INTRODUCTION TO BIOINFORMATICS
BIOL-100	CONCEPTS OF BIOLOGY
BIOL-120	PLANTS AND PEOPLE
BIOL-123	BIOLOGY IN FILM
BIOL-175	HUMAN BIOLOGY
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I
CHEM-100	CONCEPTS OF CHEMISTRY
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY
CHEM-111	PRINCIPLES OF CHEMISTRY I
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE



CS-108	INTRODUCTION TO COMPUTER SCIENCE
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOL-101	PHYSICAL GEOLOGY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
ID-240	INTEGRATED SCIENCE II
NS-140	INTEGRATED SCIENCE I
NS-150	INTRODUCTION TO NATURAL SCIENCES <sup>1</sup>
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR
PHYS-111	GENERAL PHYSICS I
or PHYS-112	GENERAL PHYSICS II
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS
PHYS-205	DESCRIPTIVE ASTRONOMY
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I

**Social & Behavioral Ways of Knowing**

PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	3.00
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Select one from the following: 3.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ECON-201	PRINCIPLES OF MACROECONOMICS
ECON-202	PRINCIPLES OF MICROECONOMICS
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS

**Diversity**

Select one of the following: 3.00-4.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ANTH-360	RACE AND ETHNICITY
COMM-345	INTERCULTURAL COMMUNICATION
ENGL-258	INTERNATIONAL LITERATURE
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
ID-300C	ETHICS AND IDENTITY

KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS	
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
POLS-285	COMPARATIVE GOVERNMENT	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
SPAN-201	INTERMEDIATE SPANISH I	
SPAN-202	INTERMEDIATE SPANISH II	
SS-184	DIVERSITY IN ORGANIZATIONS	
<b>Integrative Seminar: Ethics &amp; Values</b>		
Select one of the following:		3.00
ID 300A - 300Z (see course descriptions for options)		
ID-301A	HELLS CANYON INSTITUTE	
<b>Foreign/Heritage Language</b>		
Select 16 credits of language if selecting Bachelor of Arts Degree		16.00
<b>Total Credits</b>		<b>37.00-43.00</b>

## Program Requirements

Secondary certification candidates must meet the graduation requirements for their major and the Secondary Teacher Education Program and must have two advisors. (see below)

Code	Title	Credits
<b>Major Requirements</b>		
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	3.00
PSYC-226	BIOLOGICAL BASES OF BEHAVIOR	3.00
PSYC-240	PHILOSOPHICAL & HISTORICAL ROOTS OF PSYCHOLOGICAL SCIENCE	3.00
PSYC-300	STATISTICAL METHODS	3.00
PSYC-311	ABNORMAL PSYCHOLOGY	3.00
PSYC-320	SOCIAL PSYCHOLOGY	3.00
PSYC-385	RESEARCH METHODS	3.00
PSYC-499	RESEARCH PROJECT AND SEMINAR IN PSYCHOLOGY	3.00
Select one from the following:		3.00
PSYC-485	ADVANCED RESEARCH SEMINAR	
PSYC-494	INTERNSHIP IN PSYCHOLOGY	
PSYC-495	PRACTICUM IN PSYCHOLOGY	
<b>Selectives</b>		
Select 9 credits from PSYC <sup>1</sup>		9.00
<b>Electives</b>		
Select 8 elective credits		8.00
<b>Secondary Education Certificate</b>		
See Secondary Education Certificate Requirements below		
<b>Total Credits</b>		<b>44.00</b>

<sup>1</sup> See Catalog section "Teacher Education Division: Secondary Teacher Certification" regarding certification requirements for this major. Selective course choices could be affected.

## Secondary Education Certificate Requirements

Application for admission to the Teacher Education Program is required after successful completion of the first three Phase I courses.

Code	Title	Credits
<b>Phase I - Professional Foundations of Education</b>		
ED-214	PRINCIPLES OF EDUCATION <sup>1</sup>	3.00

ED-225	TECHNOLOGIES FOR TEACHING, K-12	3.00
ED-318	ASSESSMENT OF LEARNING <sup>1</sup>	3.00
ED-321	EDUCATIONAL PSYCHOLOGY <sup>1</sup>	3.00
ED-345	CULTURALLY RELEVANT TEACHING	3.00
SE-322	INCLUSION STRATEGIES K-12 (may be taken in Phase I or Phase II)	3.00
<b>Phase II - Professional Studies in Education</b>		
ED-445	INSTRUCTIONAL STRATEGIES AND CLASSROOM MANAGEMENT, 6-12	3.00
ED-447	TEACHING METHODS IN THE CONTENT AREA	2.00
RE-309	DISCIPLINARY LITERACY	3.00
<b>Phase III - Instructional Methods in Education</b>		
ED-452	INTERNSHIP SEMINAR	1.00
ED-460	PROFESSIONAL INTERNSHIP IN EDUCATION 6-12	12.00
<b>Total Credits</b>		<b>39.00</b>

<sup>1</sup> Additional requirements must be met for teacher certification. See your Teacher Education Division advisor for details.

No grade lower than a "C-" will be accepted in any General Education core, Content Major, or 200-level Professional Foundations course. No grade lower than a "B-" will be accepted in any 300- or 400-level education courses in the Secondary Education Program.

A minimum cumulative GPA of 3.0 is required for admission into the Secondary Teacher Education Program. Candidates must also maintain a 3.0 cumulative GPA in their content area classes.

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
CORE	Diversity	3.00
CORE	Oral Communication	3.00
CORE	Scientific Ways of Knowing	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Mathematical Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
ENGL-102	WRITING AND RHETORIC II	3.00
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	3.00
<b>Credits</b>		<b>15.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Humanistic & Artistic Ways of Knowing	3.00
PSYC-300	STATISTICAL METHODS	3.00
Program Requirement	Select PSYC Selective course	3.00
Elective	Elective Credits	4.00
<b>Credits</b>		<b>13.00</b>
<b>Spring</b>		
CORE	Integrative Seminar: Ethics & Values	3.00
CORE	Scientific Ways of Knowing	4.00
PSYC-240	PHILOSOPHICAL & HISTORICAL ROOTS OF PSYCHOLOGICAL SCIENCE	3.00
PSYC-385	RESEARCH METHODS	3.00
<b>Credits</b>		<b>13.00</b>

**Third Year****Fall**

PSYC-226	BIOLOGICAL BASES OF BEHAVIOR	3.00
PSYC-311	ABNORMAL PSYCHOLOGY	3.00
PSYC-320	SOCIAL PSYCHOLOGY	3.00
Program Requirement	Select PSYC Selective course	3.00
<b>Credits</b>		<b>12.00</b>

**Spring**

Program Requirement	Select PSYC Selective course	3.00
Program Requirement	PSYC-485, PSYC-494 or PSYC-495	3.00
PSYC-499	RESEARCH PROJECT AND SEMINAR IN PSYCHOLOGY	3.00
Elective	Elective Credits	4.00
<b>Credits</b>		<b>13.00</b>
<b>Total Credits</b>		<b>81.00</b>

**Secondary Education Certificate Requirements**

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ED-214	PRINCIPLES OF EDUCATION	3.00
ED-225	TECHNOLOGIES FOR TEACHING, K-12	3.00
ED-318	ASSESSMENT OF LEARNING	3.00
ED-321	EDUCATIONAL PSYCHOLOGY	3.00
ED-345	CULTURALLY RELEVANT TEACHING	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
ED-445	INSTRUCTIONAL STRATEGIES AND CLASSROOM MANAGEMENT, 6-12	3.00
ED-447	TEACHING METHODS IN THE CONTENT AREA	2.00
RE-309	DISCIPLINARY LITERACY	3.00
SE-322	INCLUSION STRATEGIES K-12	3.00
<b>Credits</b>		<b>11.00</b>
<b>Second Year</b>		
<b>Fall</b>		
ED-452	INTERNSHIP SEMINAR	1.00
ED-460	PROFESSIONAL INTERNSHIP IN EDUCATION 6-12	12.00
<b>Credits</b>		<b>13.00</b>
<b>Total Credits</b>		<b>39.00</b>

Graduates with a BA/BS in Psychology: Secondary Education go on to obtain careers in a variety of fields:

- Secondary Psychology Teacher (6-12)
- Adult and Continuing Education
- Training Specialist
- Business and Industry
- Research
- Human Services
- Instructional Coach

**Social Sciences - Anthropology Emphasis BA/BS**

The Social Sciences major integrates three social science emphases (Anthropology, Political Science, and Sociology) into a comprehensive program designed to enhance students' understanding of the world through the application of social scientific scholarship to domestic, regional, and global problems as well as issues of diversity. The major provides practical insights into why and how the world in which we live operates in the way it does.

The anthropology emphasis focuses on the empirical and comparative study of humans as biological and cultural beings. Lower-level courses introduce students to major theoretical perspectives and fields of study in anthropology (cultural, linguistics, biological, and archaeology), and upper-level courses focus on holistic and cross-cultural analysis of topical areas within these fields of study.

In addition to preparing students for graduate school in one of the specific social sciences emphases, the Social Sciences major can prepare students for careers in the non-profit sector, human services, law, politics, journalism, cultural resource management, and business. The major's multidisciplinary focus and emphasis on developing sound research and writing skills prepares students for a wide variety of positions in the public and private sectors.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Arts</b>		
ART-100	INTRODUCTION TO ART	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	
THEA-101	SURVEY OF THE THEATER	
<b>Language</b>		
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	

SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
<b>Scientific Ways of Knowing</b>		
Select one course from two disciplines; one lab		7.00-8.00
BIOF-100	INTRODUCTION TO BIOINFORMATICS	
BIOL-100	CONCEPTS OF BIOLOGY	
BIOL-120	PLANTS AND PEOPLE	
BIOL-123	BIOLOGY IN FILM	
BIOL-175	HUMAN BIOLOGY	
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	
CHEM-100	CONCEPTS OF CHEMISTRY	
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	
CHEM-111	PRINCIPLES OF CHEMISTRY I	
CS-108	INTRODUCTION TO COMPUTER SCIENCE	
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE	
GEOL-101	PHYSICAL GEOLOGY	
GEOL-120	INTRODUCTION TO EARTH SYSTEMS	
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS	
ID-240	INTEGRATED SCIENCE II	
NS-140	INTEGRATED SCIENCE I	
NS-150	INTRODUCTION TO NATURAL SCIENCES <sup>1</sup>	
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR	
PHYS-111	GENERAL PHYSICS I	
or PHYS-112	GENERAL PHYSICS II	
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS	
PHYS-205	DESCRIPTIVE ASTRONOMY	
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I	
<b>Social &amp; Behavioral Ways of Knowing</b>		
Select one course from two disciplines:		6.00
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	
POLS-101	AMERICAN NATIONAL GOVERNMENT	
POLS-237	INTERNATIONAL POLITICS	
POLS-285	COMPARATIVE GOVERNMENT	
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SOC-102	SOCIAL PROBLEMS	
SS-184	DIVERSITY IN ORGANIZATIONS	
SS-185	HUMAN RELATIONS IN ORGANIZATIONS	
<b>Diversity</b>		
Select one of the following:		3.00-4.00
ANTH-120	WORLD PREHISTORY	
ANTH-360	RACE AND ETHNICITY	
COMM-345	INTERCULTURAL COMMUNICATION	

ENGL-258	INTERNATIONAL LITERATURE
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
ID-300C	ETHICS AND IDENTITY
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
POLS-285	COMPARATIVE GOVERNMENT
SOC-101	INTRODUCTION TO SOCIOLOGY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
SS-184	DIVERSITY IN ORGANIZATIONS

**Integrative Seminar: Ethics & Values**

Select one of the following: 3.00

ID 300A - 300Z (see course descriptions for options)

ID-301A HELLS CANYON INSTITUTE

**Foreign/Heritage Language**

Select 8 credits of language 8.00

**Total Credits** 45.00-51.00

## Program Requirements

Code	Title	Credits
<b>Major Courses</b>		
Social Sciences Research Skills Component:		
ANTH-386	ETHNOGRAPHY	3.00
or HIST-200	KEYS TO HISTORICAL RESEARCH	
POLS-200	SOCIAL AND POLITICAL PHILOSOPHY	3.00
or HIST-300	INTRODUCTION TO PUBLIC HISTORY HISTORY	
or SS-300	STATISTICAL METHODS	
SS-385	RESEARCH METHODS	3.00
SS-499	SEMINAR IN SOCIAL SCIENCE AND HISTORY	3.00
<b>Anthropology Emphasis:</b>		
ANTH-102	CULTURAL ANTHROPOLOGY	3.00
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	3.00
ANTH-120	WORLD PREHISTORY	3.00
or HIST-101	WORLD HISTORY I	
Complete 12 credits of ANTH 300 level or above:		12.00
Complete 15 credits from HIST, JS, POLS, PSYC, SOC or SS 200 level or above; 9 must be 300 level or above		15.00
Select 3 credits each of HIST,POLS, and SOC		
<b>Electives</b>		
Select 27 elective credits		27.00
<b>Total Credits</b>		<b>75.00</b>

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ANTH-102	CULTURAL ANTHROPOLOGY	3.00
CORE	Mathematical Ways of Knowing	3.00
CORE	Oral Communication	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
Elective	Elective Credits	1.00
<b>Credits</b>		<b>16.00</b>
<b>Spring</b>		
ANTH-120 or HIST-111	WORLD PREHISTORY or UNITED STATES HISTORY I	3.00
CORE	Diversity	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
ENGL-102	WRITING AND RHETORIC II	3.00
Elective	Elective Credits	1.00
<b>Credits</b>		<b>16.00</b>
<b>Second Year</b>		
<b>Fall</b>		
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	3.00
ANTH-386 or HIST-200	ETHNOGRAPHY or KEYS TO HISTORICAL RESEARCH	3.00
CORE	Scientific Ways of Knowing	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
SPAN-101 or NP-101	ELEMENTARY SPANISH I or NEZ PERCE LANGUAGE AND CULTURE	4.00
<b>Credits</b>		<b>16.00</b>
<b>Spring</b>		
CORE	Scientific Ways of Knowing	4.00
Program Requirement	Select ANTH 300/400 Level	3.00
Program Requirement	Social Science Course 200/300/400 Level <sup>1</sup>	3.00
SPAN-102 or NP-102	ELEMENTARY SPANISH II or NEZ PERCE LANGUAGE AND HISTORY	4.00
Elective	Elective Credits	2.00
<b>Credits</b>		<b>16.00</b>
<b>Third Year</b>		
<b>Fall</b>		
Program Requirement	Select ANTH 300/400 Level	3.00
CORE	Integrative Seminar: Ethics & Values	3.00
Program Requirement	Social Science Course 300/400 Level <sup>2</sup>	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	4.00
<b>Credits</b>		<b>16.00</b>
<b>Spring</b>		
Program Requirement	HIST-300, SS-300 or POLS-200	3.00
Program Requirement	Select ANTH 300/400 Level	3.00
Program Requirement	Social Science Course 300/400 Level <sup>2</sup>	3.00
Elective	Elective Credits	3.00



Elective	Elective Credits	4.00
	<b>Credits</b>	<b>16.00</b>
<b>Fourth Year</b>		
<b>Fall</b>		
SS-385	RESEARCH METHODS	3.00
Program Requirement	Select ANTH 300/400 Level	3.00
Program Requirement	Social Science Course 200/300/400 Level <sup>1</sup>	3.00
Elective	Elective Credits	3.00
	<b>Credits</b>	<b>12.00</b>
<b>Spring</b>		
SS-499	SEMINAR IN SOCIAL SCIENCE AND HISTORY	3.00
Program Requirement	Social Science Course 300/400 Level <sup>2</sup>	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
	<b>Credits</b>	<b>12.00</b>
	<b>Total Credits</b>	<b>120.00</b>

<sup>1</sup> Social Science course may come from the following disciplines: HIST, JS, POLS, PSYC, SOC or SS.

<sup>2</sup> Social Science course may come from the following disciplines: HIST, POLS or SOC.

Graduates with a BA/BS in Social Sciences with Anthropology Emphasis go on to obtain careers in a variety of fields:

- Community Development
- Diplomatic Service
- Education
- Healthcare Analyst
- Research Assistants

## Social Sciences - History: Secondary Education BA/BS

The Teacher Education program prepares candidates for certification in grades K-12. The Secondary Education program requires 27 credits of Education course work in professional foundations and studies and 13 credits during internship. Students apply for admission to the program after successfully completing nine credits of Education course work in professional foundations. During the course of the studies, candidates may be asked to reapply to the program if their GPA falls below 3.0 in general course work and 3.0 in their selected content area(s) of endorsement such as biology, chemistry, communication arts, earth science, English, math, natural sciences, physical education/health, psychology, or social studies. There are separate degree requirements for each major and minor endorsement area.

Teaching endorsement areas are attached to a Standard Instructional Certificate (grades K-12), according to Idaho Teacher Certification standards. All endorsements require a minimum of 30 semester credits for a teaching field major and 20 semester credits for a teaching minor. For a single teaching field major, a minimum of 45 semester credits is required. The following LC State areas are approved for teaching field majors: Biology, Chemistry, Communication Arts, Earth Science, English; Kinesiology-Physical Education K-12 and Health 6-12; Mathematics; Natural Sciences; Psychology; and Social Science with a History emphasis (see degree requirements for each major). Teacher candidates must successfully pass the related Praxis II exam in their teaching content area(s).

For marketability purposes, students are encouraged to pursue endorsements and minors in a second teaching field; consult with an advisor for the proper procedure. Secondary Education majors must have a content area advisor and a Secondary Education advisor.

Graduates from other colleges or universities seeking secondary teacher certification must fulfill all Secondary Education professional course work requirements in addition to meeting all academic major or minor teaching field requirements for subject area endorsement.

Students in the Teacher Education Certification program are expected to provide evidence through performance that they have met Idaho's requirements for certification and become dedicated and knowledgeable professionals, content specialists, competent educational designers, capable educational facilitators, insightful educational evaluators, reflective professionals, and culturally responsive professionals before being recommended for teacher certification.

For advising purposes, Secondary Teacher Education candidates must have two advisors; one for their academic major and one for teacher education.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
COMM-204	PUBLIC SPEAKING	3.00
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY (or MATH-147A & MATH-147B)	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Arts</b>		
ART-100	INTRODUCTION TO ART	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES	
THEA-101	SURVEY OF THE THEATER	
<b>Language</b>		
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
<b>Scientific Ways of Knowing</b>		
GEOL-101 or GEOL-120	PHYSICAL GEOLOGY INTRODUCTION TO EARTH SYSTEMS	4.00
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS	4.00
<b>Social &amp; Behavioral Ways of Knowing</b>		
HIST-101	WORLD HISTORY I	3.00
POLS-101	AMERICAN NATIONAL GOVERNMENT	3.00

**Diversity**

GEOG-102	INTRODUCTION TO GEOGRAPHY	3.00
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**Integrative Seminar: Ethics & Values**

Select one of the following: 3.00

ID 300A - 300V (see course descriptions for options)

ID-301A	HELLS CANYON INSTITUTE	
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**Foreign/Heritage Language**

Take 8 credits if selecting a Bachelor of Science Degree. (Required for Social Science Majors) Take 16 credits for Bachelor of Arts Degree 8.00-16.00

**Total Credits 46.00-58.00**

## Program Requirements

Secondary certification candidates must meet the graduation requirements for their major and the Secondary Teacher Education Program and must have two advisors. (see below)

Code	Title	Credits
<b>Social Science Program Requirements</b>		
ECON-300	STATISTICAL METHODS	3.00
HIST-200	KEYS TO HISTORICAL RESEARCH	3.00
POLS-200	SOCIAL AND POLITICAL PHILOSOPHY	3.00
SS-499	SEMINAR IN SOCIAL SCIENCE AND HISTORY	3.00
History Emphasis:		
HIST-102	WORLD HISTORY II	3.00
HIST-111	UNITED STATES HISTORY I	3.00
HIST-112	UNITED STATES HISTORY II	3.00
Select 15 credits of HIST in the 200 level or above (additional US History Course required)		15.00
Social Sciences:		
POLS-285	COMPARATIVE GOVERNMENT	3.00
ECON-201	PRINCIPLES OF MACROECONOMICS	3.00
ECON-202	PRINCIPLES OF MICROECONOMICS	3.00
Select 3 credits of U.S. Government at the 300/400 level <sup>1</sup>		3.00
Select 3 credits of ECON		3.00
Select 6 credits from ANTH and SOC numbered 300/400 level or 8 credits of foreign/heritage language		6.00-8.00
<b>Secondary Education Certificate</b>		
See Secondary Education Certificate Requirements below		
<b>Total Credits</b>		<b>57.00-59.00</b>

## Secondary Education Certificate Requirements

Application for admission to the Teacher Education Program is required after successful completion of the first three Phase I courses.

Code	Title	Credits
<b>Phase I - Professional Foundations of Education</b>		
ED-214	PRINCIPLES OF EDUCATION <sup>1</sup>	3.00
ED-225	TECHNOLOGIES FOR TEACHING, K-12	3.00
ED-318	ASSESSMENT OF LEARNING <sup>1</sup>	3.00
ED-321	EDUCATIONAL PSYCHOLOGY <sup>1</sup>	3.00
ED-345	CULTURALLY RELEVANT TEACHING	3.00
SE-322	INCLUSION STRATEGIES K-12	3.00
<b>Phase II - Professional Studies in Education</b>		
ED-445	INSTRUCTIONAL STRATEGIES AND CLASSROOM MANAGEMENT, 6-12	3.00
ED-447	TEACHING METHODS IN THE CONTENT AREA	2.00
RE-309	DISCIPLINARY LITERACY	3.00
<b>Phase III - Instructional Methods in Education</b>		

ED-452	INTERNSHIP SEMINAR	1.00
ED-460	PROFESSIONAL INTERNSHIP IN EDUCATION 6-12	12.00
<b>Total Credits</b>		<b>39.00</b>

<sup>1</sup> Additional requirements must be met for teacher certification. See your Teacher Education Division advisor for details.

No grade lower than a "C-" will be accepted in any General Education core, Content Major, or 200-level Professional Foundations course. No grade lower than a "B-" will be accepted in any 300- or 400-level courses in Secondary Education.

A minimum cumulative GPA of 3.0 is required for admission into the Secondary Teacher Education Program. Candidates must also maintain a 3.0 cumulative GPA in their content area classes.

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
COMM-204	PUBLIC SPEAKING	3.00
POLS-101	AMERICAN NATIONAL GOVERNMENT	3.00
HIST-101	WORLD HISTORY I	3.00
HIST-111	UNITED STATES HISTORY I	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Mathematical Ways of Knowing	3.00
ENGL-102	WRITING AND RHETORIC II	3.00
GEOG-102	INTRODUCTION TO GEOGRAPHY	3.00
HIST-102	WORLD HISTORY II	3.00
HIST-112	UNITED STATES HISTORY II	3.00
<b>Credits</b>		<b>18.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Humanistic & Artistic Ways of Knowing	3.00
SPAN-101 or NP-101	ELEMENTARY SPANISH I or NEZ PERCE LANGUAGE AND CULTURE	4.00
GEOL-101 or GEOL-120	PHYSICAL GEOLOGY or INTRODUCTION TO EARTH SYSTEMS	4.00
ECON-300	STATISTICAL METHODS	3.00
Program Requirement	HIST 200/300/400 Level	3.00
<b>Credits</b>		<b>17.00</b>
<b>Spring</b>		
CORE	Integrative Seminar: Ethics & Values	3.00
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS	4.00
POLS/PHIL-200	SOCIAL AND POLITICAL PHILOSOPHY	3.00
Program Requirement	HIST 200/300/400 Level	3.00
SPAN-102 or NP-102	ELEMENTARY SPANISH II or NEZ PERCE LANGUAGE AND HISTORY	4.00
<b>Credits</b>		<b>17.00</b>
<b>Third Year</b>		
<b>Fall</b>		
ECON-201	PRINCIPLES OF MACROECONOMICS	3.00
HIST-200	KEYS TO HISTORICAL RESEARCH	3.00
Program Requirement	HIST 200/300/400 Level	3.00

Program Requirement	ANTH/SOC numbered 300/400 level or foreign/heritage language	3.00
<b>Credits</b>		<b>12.00</b>
<b>Spring</b>		
POLS-285	COMPARATIVE GOVERNMENT	3.00
ECON-202	PRINCIPLES OF MICROECONOMICS	3.00
Program Requirement	HIST 200/300/400 Level	3.00
Program Requirement	ANTH/SOC numbered 300/400 level or foreign/heritage language	3.00
SS-499	SEMINAR IN SOCIAL SCIENCE AND HISTORY	3.00
<b>Credits</b>		<b>15.00</b>
<b>Fourth Year</b>		
<b>Fall</b>		
Program Requirement	ECON 200/300/400 Level	3.00
Program Requirement	HIST 200/300/400 Level	3.00
Program Requirement	POLS 200/300/400 Level	3.00
<b>Credits</b>		<b>9.00</b>
<b>Total Credits</b>		<b>103.00</b>

## Secondary Education Certificate Requirements

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ED-214	PRINCIPLES OF EDUCATION	3.00
ED-225	TECHNOLOGIES FOR TEACHING, K-12	3.00
ED-318	ASSESSMENT OF LEARNING	3.00
ED-321	EDUCATIONAL PSYCHOLOGY	3.00
ED-345	CULTURALLY RELEVANT TEACHING	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
ED-445	INSTRUCTIONAL STRATEGIES AND CLASSROOM MANAGEMENT, 6-12	3.00
ED-447	TEACHING METHODS IN THE CONTENT AREA	2.00
RE-309	DISCIPLINARY LITERACY	3.00
SE-322	INCLUSION STRATEGIES K-12	3.00
<b>Credits</b>		<b>11.00</b>
<b>Second Year</b>		
<b>Fall</b>		
ED-452	INTERNSHIP SEMINAR	1.00
ED-460	PROFESSIONAL INTERNSHIP IN EDUCATION 6-12	12.00
<b>Credits</b>		<b>13.00</b>
<b>Total Credits</b>		<b>39.00</b>

Graduates with a BA/BS in Social Science-History: Secondary Education go on to obtain careers in a variety of fields:

- Secondary History Teacher (6-12)
- Adult and Continuing Education
- Training Specialist
- Business and Industry
- Research
- Human Services
- Instructional Coach
- Historian
- Politics

## Social Sciences - Political Science Emphasis BA/BS

The Social Sciences major integrates three social science emphases (Anthropology, Political Science, and Sociology) into a comprehensive program designed to enhance students' understanding of the world through the application of social scientific scholarship to domestic, regional, and global problems as well as issues of diversity. The major provides practical insights into why and how the world in which we live operates in the way it does.

The political science emphasis focuses on political behavior and political institutions at the local, state, national, and international levels by examining governments, power, and policies. Lower-level courses introduce students to the major theoretical perspectives and fields of study in political science (comparative politics, international relations, political theory, and U.S. politics) and upper-level courses focus on topical areas within these fields such as globalization and the state, gender and politics, international political economy, and political psychology.

In addition to preparing students for graduate school in one of the specific social sciences emphases, the Social Sciences major can prepare students for careers in the non-profit sector, human services, law, politics, journalism, cultural resource management, and business. The major's multidisciplinary focus and emphasis on developing sound research and writing skills prepares students for a wide variety of positions in the public and private sectors.

### General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Arts</b>		
ART-100	INTRODUCTION TO ART	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	

MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	
THEA-101	SURVEY OF THE THEATER	
<b>Language</b>		
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
<b>Scientific Ways of Knowing</b>		
Select one course from two disciplines; one lab		7.00-8.00
BIOF-100	INTRODUCTION TO BIOINFORMATICS	
BIOL-100	CONCEPTS OF BIOLOGY	
BIOL-120	PLANTS AND PEOPLE	
BIOL-123	BIOLOGY IN FILM	
BIOL-175	HUMAN BIOLOGY	
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	
CHEM-100	CONCEPTS OF CHEMISTRY	
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	
CHEM-111	PRINCIPLES OF CHEMISTRY I	
CS-108	INTRODUCTION TO COMPUTER SCIENCE	
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE	
GEOL-101	PHYSICAL GEOLOGY	
GEOL-120	INTRODUCTION TO EARTH SYSTEMS	
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS	
ID-240	INTEGRATED SCIENCE II	
NS-140	INTEGRATED SCIENCE I	
NS-150	INTRODUCTION TO NATURAL SCIENCES <sup>1</sup>	
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR	
PHYS-111	GENERAL PHYSICS I	
or PHYS-112	GENERAL PHYSICS II	
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS	
PHYS-205	DESCRIPTIVE ASTRONOMY	
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I	
<b>Social &amp; Behavioral Ways of Knowing</b>		
Select one course from two disciplines:		6.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SOC-102	SOCIAL PROBLEMS	
SS-184	DIVERSITY IN ORGANIZATIONS	

SS-185	HUMAN RELATIONS IN ORGANIZATIONS	
<b>Diversity</b>		
Select one of the following:		3.00-4.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ANTH-360	RACE AND ETHNICITY	
COMM-345	INTERCULTURAL COMMUNICATION	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
ID-300C	ETHICS AND IDENTITY	
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SS-184	DIVERSITY IN ORGANIZATIONS	
<b>Integrative Seminar: Ethics &amp; Values</b>		
Select one of the following:		3.00
ID 300A - 300Z (see course descriptions for options)		
ID-301A	HELLS CANYON INSTITUTE	
<b>Foreign/Heritage Language</b>		
Select 8 credits of language		8.00
<b>Total Credits</b>		<b>45.00-51.00</b>

## Program Requirements

Code	Title	Credits
<b>Major Courses</b>		
Social Sciences Research Skills Component:		
POLS-200	SOCIAL AND POLITICAL PHILOSOPHY	3.00
SS-385	RESEARCH METHODS	3.00
SS-499	SEMINAR IN SOCIAL SCIENCE AND HISTORY	3.00
Select one of the following:		3.00
ANTH-386	ETHNOGRAPHY	
HIST-200	KEYS TO HISTORICAL RESEARCH	
SS-300	STATISTICAL METHODS	
Political Science Emphasis:		
POLS-101	AMERICAN NATIONAL GOVERNMENT	3.00
POLS-237	INTERNATIONAL POLITICS	3.00
POLS-285	COMPARATIVE GOVERNMENT	3.00
Complete 15 credits of POLS courses, 300/400 level		15.00
Complete 12 credits ANTH, HIST, JS, PSYC, SOC, SS 200 level or above; 9 must be 300 level or above		12.00
Select 3 credits each from ANTH, HIST, and SOC		
<b>Electives</b>		
Select 27 elective credits		27.00
<b>Total Credits</b>		<b>75.00</b>



## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
CORE	Mathematical Ways of Knowing	3.00
CORE	Oral Communication	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
POLS-101	AMERICAN NATIONAL GOVERNMENT	3.00
Elective	Elective Credits	1.00
<b>Credits</b>		<b>16.00</b>
<b>Spring</b>		
CORE	Diversity	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
ENGL-102	WRITING AND RHETORIC II	3.00
POLS-237	INTERNATIONAL POLITICS	3.00
Elective	Elective Credits	1.00
<b>Credits</b>		<b>16.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Scientific Ways of Knowing	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
POLS-200	SOCIAL AND POLITICAL PHILOSOPHY	3.00
POLS-285	COMPARATIVE GOVERNMENT	3.00
SPAN-101 or NP-101	ELEMENTARY SPANISH I or NEZ PERCE LANGUAGE AND CULTURE	4.00
<b>Credits</b>		<b>16.00</b>
<b>Spring</b>		
CORE	Scientific Ways of Knowing	4.00
Program Requirement	Select POLS 300/400 Level	3.00
Program Requirement	Social Science Course 200/300/400 Level <sup>1</sup>	3.00
SPAN-102 or NP-102	ELEMENTARY SPANISH II or NEZ PERCE LANGUAGE AND HISTORY	4.00
Elective	Elective Credits	2.00
<b>Credits</b>		<b>16.00</b>
<b>Third Year</b>		
<b>Fall</b>		
CORE	Integrative Seminar: Ethics & Values	3.00
Program Requirement	Select POLS 300/400 Level	3.00
Program Requirement	ANTH-386, HIST-200 or SS-300	3.00
Program Requirement	Social Science Course 300/400 Level <sup>2</sup>	3.00
Elective	Elective Credits	4.00
<b>Credits</b>		<b>16.00</b>
<b>Spring</b>		
Program Requirement	Select POLS 300/400 Level	3.00
Program Requirement	Social Science Course 300/400 Level <sup>2</sup>	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	4.00
<b>Credits</b>		<b>16.00</b>

**Fourth Year****Fall**

SS-385	RESEARCH METHODS	3.00
Program Requirement	Select POLS 300/400 Level	3.00
Program Requirement	Social Science Course 300/400 Level <sup>2</sup>	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>12.00</b>

**Spring**

Program Requirement	Select POLS 300/400 Level	3.00
SS-499	SEMINAR IN SOCIAL SCIENCE AND HISTORY	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>12.00</b>
<b>Total Credits</b>		<b>120.00</b>

<sup>1</sup> Social Science course may come from the following disciplines: ANTH, HIST, JS, PSYC, SOC or SS.

<sup>2</sup> Social Science course may come from the following disciplines: ANTH, HIST or SOC.

Graduates with a BA/BS Social Sciences with Political Science Emphasis go on to obtain careers in a variety of fields:

- Campaign Officials
- Education
- International Affairs
- Lobbyists
- Law Enforcement
- Municipal Positions
- Research Assistants

## Social Sciences - Sociology Emphasis BA/BS

The Social Sciences major integrates three social science emphases (Anthropology, Political Science, and Sociology) into a comprehensive program designed to enhance students' understanding of the world through the application of social scientific scholarship to domestic, regional, and global problems as well as issues of diversity. The major provides practical insights into why and how the world in which we live operates in the way it does.

The sociology emphasis focuses on how the social world operates, from the micro level of everyday interactions in small groups such as families to the macro level of processes in social institutions such as the economy, religion, politics, and education. Lower-level courses introduce students to the major theoretical perspectives and topical areas in sociology, and upper-level courses focus on specific social institutions, social trends and processes, and social stratification.

In addition to preparing students for graduate school in one of the specific social sciences emphases, the Social Sciences major can prepare students for careers in the non-profit sector, human services, law, politics, journalism, cultural resource management, and business. The major's multidisciplinary focus and emphasis on developing sound research and writing skills prepares students for a wide variety of positions in the public and private sectors.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	

**Mathematical Ways of Knowing**

Select one of the following: 3.00-5.00

MATH-123	MATH IN MODERN SOCIETY
MATH-130	FINITE MATHEMATICS
MATH-143	COLLEGE ALGEBRA
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY
MATH-153	STATISTICAL REASONING
MATH-170	CALCULUS I
MATH-253	STATISTICAL METHODS FOR THE SCIENCES
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II
MTHPT-130	FINITE MATHEMATICS
MTHPT-137	MATH FOR TECHNOLOGY
MTHPT-153	STATISTICAL REASONING

**Humanistic & Artistic Ways of Knowing**

Select one course from two categories: 6.00-8.00

**Literature**

ENGL-175	LITERATURE AND IDEAS
ENGL-257	WORLD CLASSICS
ENGL-258	INTERNATIONAL LITERATURE
ENGL-260	NATIVE AMERICAN LITERATURE
ENGL-261	MYTHOLOGIES

**Arts**

ART-100	INTRODUCTION TO ART
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE
HUM-150	INTRODUCTION TO THE ARTS
MUS-101	SURVEY OF MUSIC
MUS-102	MUSIC IN AMERICA
MUS-150	WORLD MUSIC
MUS-151	HISTORY OF MUSICAL THEATER
THEA-101	SURVEY OF THE THEATER

**Language**

NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II

**Scientific Ways of Knowing**

Select one course from two disciplines; one lab 7.00-8.00

BIOF-100	INTRODUCTION TO BIOINFORMATICS
BIOL-100	CONCEPTS OF BIOLOGY
BIOL-120	PLANTS AND PEOPLE
BIOL-123	BIOLOGY IN FILM
BIOL-175	HUMAN BIOLOGY
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I
CHEM-100	CONCEPTS OF CHEMISTRY
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY
CHEM-111	PRINCIPLES OF CHEMISTRY I
CS-108	INTRODUCTION TO COMPUTER SCIENCE
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOL-101	PHYSICAL GEOLOGY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
ID-240	INTEGRATED SCIENCE II

NS-140	INTEGRATED SCIENCE I
NS-150	INTRODUCTION TO NATURAL SCIENCES <sup>1</sup>
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR
PHYS-111	GENERAL PHYSICS I
or PHYS-112	GENERAL PHYSICS II
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS
PHYS-205	DESCRIPTIVE ASTRONOMY
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I

**Social & Behavioral Ways of Knowing**

Select one course from two disciplines: 6.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ECON-201	PRINCIPLES OF MACROECONOMICS
ECON-202	PRINCIPLES OF MICROECONOMICS
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS

**Diversity**

Select one of the following: 3.00-4.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ANTH-360	RACE AND ETHNICITY
COMM-345	INTERCULTURAL COMMUNICATION
ENGL-258	INTERNATIONAL LITERATURE
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
ID-300C	ETHICS AND IDENTITY
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
SOC-101	INTRODUCTION TO SOCIOLOGY
SS-184	DIVERSITY IN ORGANIZATIONS

**Integrative Seminar: Ethics & Values**

Select one of the following: 3.00

ID 300A - 300Z (see course descriptions for options)	
ID-301A	HELLS CANYON INSTITUTE

**Foreign/Heritage Language**

Select 8 credits of language	8.00
<b>Total Credits</b>	<b>45.00-51.00</b>

## Program Requirements

Code	Title	Credits
<b>Major Courses</b>		
POLS-200	SOCIAL AND POLITICAL PHILOSOPHY	3.00
SS-385	RESEARCH METHODS	3.00
SS-499	SEMINAR IN SOCIAL SCIENCE AND HISTORY	3.00
Select one of the following:		3.00
ANTH-386	ETHNOGRAPHY	
HIST-200	KEYS TO HISTORICAL RESEARCH	
SS-300	STATISTICAL METHODS	
Sociology Emphasis:		
SOC-101	INTRODUCTION TO SOCIOLOGY	3.00
SOC-102	SOCIAL PROBLEMS	3.00
Select 15 credits of SOC 300 level or above		15.00
Select 15 credits of ANTH, HIST, JS, POLS, PSYC 300 level or above		15.00
Select 3 credits each of ANTH, HIST, and POLS		
<b>Electives</b>		
Select 27 elective credits		27.00
<b>Total Credits</b>		<b>75.00</b>

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
CORE	Mathematical Ways of Knowing	3.00
CORE	Oral Communication	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
SOC-101	INTRODUCTION TO SOCIOLOGY	3.00
	<b>Credits</b>	<b>15.00</b>
<b>Spring</b>		
CORE	Scientific Ways of Knowing	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
ENGL-102	WRITING AND RHETORIC II	3.00
SOC-102	SOCIAL PROBLEMS	3.00
	<b>Credits</b>	<b>15.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Diversity	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Scientific Ways of Knowing	4.00
POLS-200	SOCIAL AND POLITICAL PHILOSOPHY	3.00
SPAN-101 or NP-101	ELEMENTARY SPANISH I or NEZ PERCE LANGUAGE AND CULTURE	4.00
	<b>Credits</b>	<b>17.00</b>
<b>Spring</b>		
CORE	Integrative Seminar: Ethics & Values	3.00
Program Requirement	Select SOC 300/400 Level	3.00

Program Requirement	Social Science Course 300/400 Level <sup>1</sup>	3.00
SPAN-102 or NP-102	ELEMENTARY SPANISH II or NEZ PERCE LANGUAGE AND HISTORY	4.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>16.00</b>
<b>Third Year</b>		
<b>Fall</b>		
Program Requirement	Select SOC 300/400 Level	3.00
Program Requirement	Social Science Course 300/400 Level <sup>1</sup>	3.00
SS-385	RESEARCH METHODS	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	4.00
<b>Credits</b>		<b>16.00</b>
<b>Spring</b>		
Program Requirement	ANTH-386, HIST-200 or SS-300	3.00
Program Requirement	Social Science Course 300/400 Level <sup>1</sup>	3.00
Program Requirement	Select SOC 300/400 Level	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	4.00
<b>Credits</b>		<b>16.00</b>
<b>Fourth Year</b>		
<b>Fall</b>		
Program Requirement	Select SOC 300/400 Level	3.00
Program Requirement	Social Science Course 300/400 Level <sup>1</sup>	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	4.00
<b>Credits</b>		<b>13.00</b>
<b>Spring</b>		
Program Requirement	Select SOC 300/400 Level	3.00
SS-499	SEMINAR IN SOCIAL SCIENCE AND HISTORY	3.00
Program Requirement	Social Science Course 300/400 Level <sup>1</sup>	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>12.00</b>
<b>Total Credits</b>		<b>120.00</b>

<sup>1</sup> Social Science course may come from the following disciplines: ANTH, HIST, JS, POLS, or PSYC.

Graduates with a BA/BS Social Sciences with Sociology Emphasis go on to obtain careers in a variety of fields:

- Foundation Program Directors
- Policy Analysts
- International Affairs
- Lobbyists
- Research Coordinators

## Social Work - BSW

**Social Work Office:** EXP 16

**Phone:** 208-792-2866

**Fax:** 208-792-2051

**Web:** <https://www.lcsc.edu/social-sciences/social-work> (<https://www.lcsc.edu/social-sciences/social-work/>)

The Social Work program prepares students for entry-level generalist practice. Through courses, internships, research projects, and student activities delivered by traditional and non-traditional methods (technology), the program fosters in its students a celebration of differences among people and a belief that respecting these differences enriches the quality of life for all. The Division is committed to the preparation of professional social workers

who possess the knowledge, skills, and values to address the needs and potential of individuals, families, groups, communities, and organizations. Drawing on an ecological and liberal arts based background and a strengths based perspective, the program prepares students for the pursuit of a more just, humane society. Graduates are prepared for practice particularly with the oppressed and at risk members of society. Graduates are expected to practice from a set of ethical principles inherent in the social work profession, including the recognition that professional development is a lifelong learning process.

LC State offers the only accredited BSW program in northern Idaho. Program graduates are needed to work with children, families, and under-served or at risk populations.

## Admission Process

After declaring a Social Work major, students may apply for admission to the BSW program upon completion of 30 core credits as well as SW-140, SW-241, core math, and ENGL-101. The application packet is available to students on line at <https://www.lcsc.edu/social-sciences/social-work>.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Arts</b>		
ART-100	INTRODUCTION TO ART	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	

THEA-101	SURVEY OF THE THEATER	
<b>Language</b>		
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
<b>Scientific Ways of Knowing</b>		
Select one course from two disciplines; one lab		7.00-8.00
BIOF-100	INTRODUCTION TO BIOINFORMATICS	
BIOL-100	CONCEPTS OF BIOLOGY	
BIOL-120	PLANTS AND PEOPLE	
BIOL-123	BIOLOGY IN FILM	
BIOL-175	HUMAN BIOLOGY	
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	
CHEM-100	CONCEPTS OF CHEMISTRY	
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	
CHEM-111	PRINCIPLES OF CHEMISTRY I	
CS-108	INTRODUCTION TO COMPUTER SCIENCE	
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE	
GEOL-101	PHYSICAL GEOLOGY	
GEOL-120	INTRODUCTION TO EARTH SYSTEMS	
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS	
ID-240	INTEGRATED SCIENCE II	
NS-140	INTEGRATED SCIENCE I	
NS-150	INTRODUCTION TO NATURAL SCIENCES <sup>1</sup>	
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR	
PHYS-111	GENERAL PHYSICS I	
or PHYS-112	GENERAL PHYSICS II	
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS	
PHYS-205	DESCRIPTIVE ASTRONOMY	
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I	
<b>Social &amp; Behavioral Ways of Knowing</b>		
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	3.00
Select one from the following:		3.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	
POLS-101	AMERICAN NATIONAL GOVERNMENT	
POLS-237	INTERNATIONAL POLITICS	
POLS-285	COMPARATIVE GOVERNMENT	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SOC-102	SOCIAL PROBLEMS	
SS-184	DIVERSITY IN ORGANIZATIONS	



SS-185	HUMAN RELATIONS IN ORGANIZATIONS	
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**Diversity**

Select one of the following: 3.00-4.00

ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ANTH-360	RACE AND ETHNICITY	
COMM-345	INTERCULTURAL COMMUNICATION	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
ID-300C	ETHICS AND IDENTITY	
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS	
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
POLS-285	COMPARATIVE GOVERNMENT	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
SPAN-201	INTERMEDIATE SPANISH I	
SPAN-202	INTERMEDIATE SPANISH II	
SS-184	DIVERSITY IN ORGANIZATIONS	

**Integrative Seminar: Ethics & Values**

Select one of the following: 3.00

ID 300A - 300Z (see course descriptions for options)		
ID-301A	HELLS CANYON INSTITUTE	

**Foreign/Heritage Language**

Select 16 credits of language if selecting Bachelor of Arts Degree 16.00

**Total Credits** 37.00-43.00

## Program Requirements

Code	Title	Credits
<b>Major Courses</b>		
SW-140	INTRODUCTION TO SOCIAL WORK AND SOCIAL WELFARE	3.00
SW-241	SOCIAL WORK PRACTICE FOUNDATIONS	3.00
SW-321	HUMAN BEHAVIOR IN SOCIAL ENVIRONMENT I	3.00
SW-322	HUMAN BEHAVIOR IN SOCIAL ENVIRONMENT II	3.00
SW-340	SOCIAL WORK POLICY	3.00
SW-341	SOCIAL WORK PRACTICE WITH INDIVIDUALS	3.00
SW-342	SOCIAL WORK PRACTICE WITH GROUPS	3.00
SW-343	SOCIAL WORK PRACTICE WITH FAMILIES	3.00
SW-355	SELF-CARE FOR SOCIAL WORKERS	3.00
SW-386	FOUNDATIONS OF SOCIAL WORK RESEARCH	3.00
SW-443	SOCIAL WORK PRACTICE WITH ORGANIZATIONS AND COMMUNITIES	3.00
SW-480	DIVERSITY AWARENESS IN SOCIAL WORK PRACTICE	3.00
SW-483	FIELD EDUCATION I	4.00
SW-484	FIELD EDUCATION II	4.00

SW-485	FIELD SEMINAR I	2.00
SW-486	FIELD SEMINAR II	2.00
SW-487	SOCIAL WORK RESEARCH PROPOSAL	3.00
SW-488	SOCIAL WORK STATISTICAL ANALYSIS	3.00
<b>Program Electives</b>		
Select three Social Work 300/400 level courses		9.00
Select 6 credits in ANTH, HIST, POLS, or SOC 300/400 level courses.		6.00
<b>General Electives</b>		<b>14.00</b>
<b>Total Credits</b>		<b>83.00</b>

Students must earn a B- or better in all Social Work practice courses (140, 241, 341, 342, 443, 497 and 498) and a C or better in remaining required Social Work program courses, including Social Work electives. Students must also maintain a 2.7 GPA in all Social Work courses and earn a minimum cumulative GPA of 2.5 to be awarded a BSW.

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
CORE	Mathematical Ways of Knowing	3.00
CORE	Oral Communication	3.00
CORE	Scientific Ways of Knowing	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
CORE	Diversity	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Scientific Ways of Knowing	4.00
ENGL-102	WRITING AND RHETORIC II	3.00
SW-140	INTRODUCTION TO SOCIAL WORK AND SOCIAL WELFARE	3.00
<b>Credits</b>		<b>16.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Social & Behavioral Ways of Knowing	3.00
Program Requirement	Select SW course 300 level and above	3.00
SW-241	SOCIAL WORK PRACTICE FOUNDATIONS	3.00
SW-321	HUMAN BEHAVIOR IN SOCIAL ENVIRONMENT I	3.00
SW-355	SELF-CARE FOR SOCIAL WORKERS	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>18.00</b>
<b>Spring</b>		
CORE	Integrative Seminar: Ethics & Values	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
Program Requirement	Select ANTH, HIST, POLS or SOC 300/400 Level	3.00
SW-322	HUMAN BEHAVIOR IN SOCIAL ENVIRONMENT II	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>18.00</b>
<b>Third Year</b>		
<b>Fall</b>		
Program Requirement	Select ANTH, HIST, POLS or SOC 300/400 Level	3.00
Program Requirement	Select SW course 300 level and above	3.00
SW-340	SOCIAL WORK POLICY	3.00

SW-341	SOCIAL WORK PRACTICE WITH INDIVIDUALS	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
Program Requirement	Select SW course 300 level and above	3.00
SW-342	SOCIAL WORK PRACTICE WITH GROUPS	3.00
SW-343	SOCIAL WORK PRACTICE WITH FAMILIES	3.00
SW-386	FOUNDATIONS OF SOCIAL WORK RESEARCH	3.00
Elective	Elective Credits	2.00
<b>Credits</b>		<b>14.00</b>
<b>Fourth Year</b>		
<b>Fall</b>		
SW-480	DIVERSITY AWARENESS IN SOCIAL WORK PRACTICE	3.00
SW-483	FIELD EDUCATION I	4.00
SW-485	FIELD SEMINAR I	2.00
SW-487	SOCIAL WORK RESEARCH PROPOSAL	3.00
<b>Credits</b>		<b>12.00</b>
<b>Spring</b>		
SW-443	SOCIAL WORK PRACTICE WITH ORGANIZATIONS AND COMMUNITIES	3.00
SW-484	FIELD EDUCATION II	4.00
SW-486	FIELD SEMINAR II	2.00
SW-488	SOCIAL WORK STATISTICAL ANALYSIS	3.00
<b>Credits</b>		<b>12.00</b>
<b>Total Credits</b>		<b>120.00</b>

Graduates with a BSW in Social Work go on to obtain careers in a variety of fields:

- Public Welfare and Advocacy
- Healthcare
- Clinical Social Work
- Community Organizations
- Gerontology

## Minors

### Anthropology Minor

Anthropology is a broadly focused interdisciplinary minor widely recognized for its cross-cultural and holistic approach towards better understandings of biological and cultural diversity within and between human populations. Introductory courses in the minor provide a foundation in cultural anthropology and pre-historic civilizations. Upper-division courses variously examine the relationship between culture and the environment, health, education, religion, human nature, sex, gender, and race and ethnicity.

### Program Requirements

Code	Title	Credits
ANTH-102	CULTURAL ANTHROPOLOGY	3.00
ANTH-120	WORLD PREHISTORY	3.00
or HIST-101	WORLD HISTORY I	
Program Electives		15.00
Select 3 credits from ANTH 100/200/300/400		
Select 12 credits from ANTH 300/400		
<b>Total Credits</b>		<b>21.00</b>

## Behavioral Science Minor

The Behavioral Science minor is designed to enrich, complement, and/or supplement a student's major. It is not solely, or even primarily, for Social Science majors. Those interested in acquiring a minor for teacher certification should first consult with their academic advisor and the Education Division.

### Program Requirements

Code	Title	Credits
ANTH-102	CULTURAL ANTHROPOLOGY	3.00
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	3.00
SOC-101	INTRODUCTION TO SOCIOLOGY	3.00
<b>Program Electives</b>		
Select 12 credits from at least three different disciplines:		12.00
ANTH/PSYC/SOC/SW 200 or above		
Select 6 credits from ANTH/PSYC/SOC/SW 300/400 level		
<b>Total Credits</b>		<b>21.00</b>

## Environmental Studies Minor

Environmental Studies is an interdisciplinary minor that introduces students to basic environmental science and enhances their understanding of the social, political, economic, cultural, and philosophical dimensions of the human-environment relationship. Introductory courses in the minor provide a foundation in environmental science and basic geography. Upper-division courses variously examine the interrelationship of humans and natural and built environments, the socio-historical roots of current environmental problems, the competing values and ethical dilemmas involved in environmental issues, the role of science in environmental issues and policy, and representations of nature in art and literature.

### Program Requirements

Code	Title	Credits
Select two courses from the following groupings. Courses must be from two different disciplines		8.00
<b>Group 1</b>		
CHEM-100	CONCEPTS OF CHEMISTRY	
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	
CHEM-111	PRINCIPLES OF CHEMISTRY I	
<b>Group 2</b>		
GEOL-101	PHYSICAL GEOLOGY	
GEOL-120	INTRODUCTION TO EARTH SYSTEMS	
<b>Group 3</b>		
BIOL-120	PLANTS AND PEOPLE	
BIOL-181	ECOLOGY, EVOLUTION, DIVERSITY OF LIFE	
<b>Program Electives</b>		
Select five courses from the following, at least one of which must be GEOG/GIS:		15.00
ANTH-380	CULTURE AND ENVIRONMENT	
ENGL-475	WESTERN AMERICAN LITERATURE	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS	
ID-300D	ETHICS AND ECOLOGY	
ID-300N	WILDERNESS	
ID-300S	NORTHWEST CULTURE/HISTORY/LITERATURE	
ID-300W	ETHICS OF FOOD AND AGRICULTURE	
ID-301A	HELLS CANYON INSTITUTE	
PSYC-419	PSYCHOLOGY OF SUSTAINABILITY	
SOC-355	RURAL SOCIOLOGY	
SOC-366	ENVIRONMENT AND SOCIETY	
<b>Total Credits</b>		<b>23.00</b>

## Global Studies Minor

The world of the twenty-first century is characterized by cultural, political, economic, and environmental processes that operate at the planetary level. The Global Studies Minor is designed to help students understand how such global processes influence their major course of study by providing an international dimension. Any major on campus can be strengthened by adding a global component. Those interested in acquiring a minor for teacher certification should first consult with their academic advisor and the Education Division.

### Program Requirements

Code	Title	Credits
ANTH-102	CULTURAL ANTHROPOLOGY	3.00
HIST-102	WORLD HISTORY II	3.00
<b>Program Electives</b>		
Select 15 credits from the following (6 credits of which must be numbered 300 or above):		15.00
ANTH-360	RACE AND ETHNICITY	
ANTH-365	COMPARATIVE RELIGION	
BUS-380	INTERNATIONAL BUSINESS	
HIST-333	AFRICA AND THE WORLD	
HIST-336	IMPERIALISM AND THE MODERN WORLD	
HIST-410	HISTORY OF UNITED STATES INDIAN POLICY	
HIST-429	ORIGINS OF AMERICAN FOREIGN POLICY	
HIST-473	MIDDLE EASTERN HISTORY	
JS-403	COMPARATIVE CRIMINAL JUSTICE SYSTEMS	
POLS-237	INTERNATIONAL POLITICS	
POLS-285	COMPARATIVE GOVERNMENT	
POLS-300	INTERNATIONAL POLITICAL ECONOMY	
POLS-429	ORIGINS OF AMERICAN FOREIGN POLICY	
POLS-465	GLOBALIZATION, GEOGRAPHY & THE STATE	
SOC-360	RACE AND ETHNICITY	
SOC-366	ENVIRONMENT AND SOCIETY	
<b>Total Credits</b>		<b>21.00</b>

## History Minor

Everything has a history, and learning how to study the past can open the door to a life-time of discovery. Whether for pleasure or to enhance a major, the History minor is designed to improve students' ability to engage with all kinds of history. Any major on campus can be strengthened by adding a History minor.

### Program Requirements

Code	Title	Credits
HIST-111	UNITED STATES HISTORY I	3.00
HIST-112	UNITED STATES HISTORY II	3.00
HIST-101	WORLD HISTORY I	3.00
HIST-102	WORLD HISTORY II	3.00
<b>Program Electives</b>		
Select 9 credits of History electives (6 of which must be upper division - HIST 300/400):		9.00
<b>Total Credits</b>		<b>21.00</b>

## Justice Studies Minor

The minor in Justice Studies provides a broad-based overview of the criminal justice system, affording a strong foundation for students from other disciplines to learn about the law enforcement, judicial, and correctional functions of the criminal justice system.

## Program Requirements

Code	Title	Credits
JS-103	INTRODUCTION TO CRIMINAL JUSTICE	3.00
JS-201	POLICE IN AMERICA	3.00
JS-202	CORRECTIONS IN AMERICA	3.00
JS-225	CRIMINAL PROCEDURE	3.00
or JS-325	CRIMINAL LAW	
JS-345	CRIMINOLOGY	3.00
<b>Program Electives</b>		
Select 6 credits from JS 300 level or above		6.00
<b>Total Credits</b>		<b>21.00</b>

## Middle School Social Studies Minor

This minor is only available to Teacher Education majors. Students seeking Idaho's Social Studies – Middle Level (Grades 5-9) endorsement with their elementary or secondary certification must take coursework in History, Geography, American Government, Political Science or Economics. Students must also pass the Praxis II exam #5089: Middle School Social Studies. State of Idaho Teacher Certification requirements are subject to change. Students should contact their Education Division advisor to ensure compliance with current certification policies.

## Program Requirements

Code	Title	Credits
ECON-201	PRINCIPLES OF MACROECONOMICS	3.00
ECON-202	PRINCIPLES OF MICROECONOMICS	3.00
ED-447	TEACHING METHODS IN THE CONTENT AREA	2.00
GEOG-102	INTRODUCTION TO GEOGRAPHY	3.00
GEOG-380	CULTURE AND ENVIRONMENT	3.00
HIST-101	WORLD HISTORY I	3.00
HIST-102	WORLD HISTORY II	3.00
HIST-111	UNITED STATES HISTORY I	3.00
HIST-112	UNITED STATES HISTORY II	3.00
POLS-101	AMERICAN NATIONAL GOVERNMENT	3.00
POLS-200	SOCIAL AND POLITICAL PHILOSOPHY	3.00
<b>Total Credits</b>		<b>32.00</b>

## Native American Studies Minor

The Native American Studies minor available in the Social Sciences Division is designed to enrich, complement, and/or supplement the formal education of student's major. It is not solely, or even primarily, for Social Sciences majors. Those interested in acquiring a minor for teacher certification should first consult with their academic advisor and the Teacher Education & Mathematics Division.

## Program Requirements

Code	Title	Credits
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	3.00
ANTH-320	NORTH AMERICAN INDIANS	3.00
HIST-240	NATIVE AMERICAN HISTORY	3.00
<b>Program Electives</b>		
Select 15 credits from the following:		15.00
ENGL-473	NATIVE AMERICAN ORAL LITERATURE	
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE	
HIST-340	HISTORY OF THE NEZ PERCE TRIBE	
HIST-410	HISTORY OF UNITED STATES INDIAN POLICY	
NP-101	ELEMENTARY NEZ PERCE LANGUAGE I <sup>1</sup>	

NP-102	ELEMENTARY NEZ PERCE LANGUAGE II <sup>1</sup>	
ANTH/SOC-360	RACE AND ETHNICITY	
SS-498	CONTEMPORARY NATIVE AMERICAN CULTURES	
<b>Total Credits</b>		<b>24.00</b>

<sup>1</sup> Heritage languages from other post-secondary colleges can be used.

## Political Psychology Minor

LC State's 21-credit minor in political psychology examines the psychological underpinnings and consequences of political behavior. Political psychology involves an interdisciplinary, social scientific approach for understanding political attitudes, emotions, information processing, and political belief systems. With roots in political science and psychology, political psychology connects to a broad range of other disciplines including sociology, economics, communication, business, and education. The minor is open to all students. It is designed to enrich, complement, and/or supplement the formal education of a student's major. Those interested in acquiring a minor for teacher certification should first consult with their academic advisor and the Education Division.

### Program Requirements

Code	Title	Credits
POLS-101	AMERICAN NATIONAL GOVERNMENT	3.00
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	3.00
PSYC-320	SOCIAL PSYCHOLOGY	3.00
PSYC/POLS-464	POLITICAL PSYCHOLOGY	3.00
<b>Program Electives</b>		
Select three of the following:		9.00
COMM/POLS-370	POLITICAL COMMUNICATION	
HIST/POLS-429	ORIGINS OF AMERICAN FOREIGN POLICY	
POLS-463	WOMEN & POLITICS	
POLS-465	GLOBALIZATION, GEOGRAPHY & THE STATE	
<b>Total Credits</b>		<b>21.00</b>

## Political Science Minor

LC State's 21-credit minor in political science offers a political science perspective on key issues and helps prepare students for a variety of careers, including local and state government, law, campaigns, business, non-profit, international relations, journalism and teaching. The minor has no prerequisites and is open to all students. It is designed to enrich, complement, and/or supplement the formal education of a student's major. Those interested in acquiring a minor for teacher certification should first consult with their academic advisor and the Education Division.

### Program Requirements

Code	Title	Credits
POLS-101	AMERICAN NATIONAL GOVERNMENT	3.00
POLS-237	INTERNATIONAL POLITICS	3.00
POLS-285	COMPARATIVE GOVERNMENT	3.00
<b>Program Electives</b>		
Select 12 credits of POLS (9 credits 300 level or above)		12.00
<b>Total Credits</b>		<b>21.00</b>

## Psychology Minor

The Psychology Minor is highly adaptable and can fit a student's needs in nearly any major. For example:

- English and Creative Writing majors need to study character, empathy, etc., for their writing.
- Business majors may notice that administering a business and managing employees is about 95% social and organizational psychology.
- Education majors may realize their whole purpose as a teacher is developmental, social, and educational psychology – helping young minds grow.
- Pre-med majors should be aware that 25% of the MCAT questions come straight from psychology courses.
- Social Work majors may notice much of their discipline is founded on the results from empirical psychological research.

- Justice Studies majors will see how much of their future work involves understanding people (from criminals to attorneys).
- Anyone with family or friends can benefit because the knowledge and skills learned in the minor can enhance all relationships. (Research shows the most important factor in a happy and meaningful life is good relationships.)

Those interested in acquiring a minor for teacher certification should first consult with their academic advisor and the Teacher Education & Mathematics Division.

## Program Requirements

Code	Title	Credits
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	3.00
Select 17 additional credits of Psychology		17.00
<b>Total Credits</b>		<b>20.00</b>

A minor in Psychology can be designed to augment any existing major field of study offered at LC State. Students wishing to minor in Psychology must take Introduction to Psychology as part of the 20 credit requirement. The other 17 credits may be selected from the variety of psychology courses that are offered.

No grade lower than a "C-" will be accepted for a PSYC Minor Course.

## Social Science Minor

The Social Science minor available in the Social Sciences Division is designed to enrich, complement, and/or supplement the formal education of student's major. It is not solely, or even primarily, for Social Sciences majors. Those interested in acquiring a minor for teacher certification should first consult with their academic advisor and the Teacher Education & Mathematics Division.

## Program Requirements

Code	Title	Credits
Select 9 credits from three disciplines:		9.00
ANTH-102	CULTURAL ANTHROPOLOGY	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
POLS-101	AMERICAN NATIONAL GOVERNMENT	
SOC-101	INTRODUCTION TO SOCIOLOGY	
<b>Program Electives</b>		
Select 12 credits from three disciplines:		12.00
ANTH/ECON/HIST/JS/POLS/SOC 200 level or above		
Select 6 credits from 300/400 level		
<b>Total Credits</b>		<b>21.00</b>

## Sociology Minor

Sociology focuses on how the social world operates, from the micro level of everyday interactions in small groups such as families to the macro level of processes in social institutions such as the economy, religion, politics, and education. Lower-level sociology courses introduce students to the major theoretical perspectives and topical areas in the discipline, and upper-level courses focus on specific social institutions, social trends and processes, and social stratification. The Sociology minor is designed to enrich and complement a student's major. The minor is not solely, or even primarily, for Social Sciences majors.

## Program Requirements

Code	Title	Credits
SOC-101	INTRODUCTION TO SOCIOLOGY	3.00
SOC-102	SOCIAL PROBLEMS	3.00
<b>Program Electives</b>		



Select 15 credits in Sociology (12 credits must be numbered 300 or above)	15.00
<b>Total Credits</b>	<b>21.00</b>

## Women's & Gender Studies Minor

Women's and Gender Studies is an interdisciplinary minor that examines the many ways that sex and gender emerge in different contexts (political, economic, legal, social, and cultural). Courses in the minor will examine competing theories of gender and feminist thought and place them in their historical and contemporary contexts. This minor provides a critical lens through which to view larger social forces and how gender can shape individuals, groups, ideas, culture and cultural practices, and societal institutions. Classes in the minor will enhance students' critical thinking skills and their understanding of how gender intersects with race, class, nationality, ability, and identity.

### Program Requirements

Code	Title	Credits
SS-200	INTRODUCTION TO WOMENS STUDIES	3.00
Select six electives from two disciplines:		18.00
SOC-315	MARRIAGE AND FAMILY	
ID-300F	GENDER AND CULTURE	
ID-300M	VULNERABLE POPULATIONS	
ID-300U	WOMEN IN THE 20TH CENTURY	
HIST-424	AMERICAN WOMEN'S HISTORY	
HIST-426	WOMEN IN THE WEST	
JS-422	RACE, CLASS, GENDER & JUSTICE	
POLS-463	WOMEN & POLITICS	
SOC/JS-425	VIOLENCE AND GENDER	
ANTH/HIST/POLS/PSYC/SOC 392/492 or other course that has a focus and method consistent with the minor, as determined by the minor advisor.		
<b>Total Credits</b>		<b>21.00</b>

# SCHOOL OF PROFESSIONAL AND GRADUATE STUDIES

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## Contact Information

**Dean for Professional and Graduate Studies:** Luther Maddy, PhD

**E-mail:** psdean@lcsc.edu

**Office:** SAC 223

**Phone:** 208-792-2400

**Web:** <http://www.lcsc.edu/school-of-professional-studies/>

The School of Professional and Graduate Studies includes the Office of the Dean, Graduate Studies, and the Divisions of Business & Computer Science, Nursing & Health Sciences, and Teacher Education & Mathematics. Reporting to the Vice President for Academic Affairs, the Dean, and the Division Chairs work collaboratively, in partnership with faculty, to offer a wide range of high-quality professional programs to a diverse student body. Students who graduate with a degree from one of the divisions listed above will have completed a cohesive program of study that integrates General Education Core courses, major/minor program requirements, and/or elective credits. Whether a student completes an individualized General Studies or Interdisciplinary Studies degree, or a degree in a professional program, each graduate will have had opportunities to participate in on-campus and on-line classes, in seminars, research symposia, practica/ internships or service learning, second language study, clubs and activities, and other experiences designed to enrich his or her academic career.

## Prior Learning Assessment

Students may earn college credit for specific college-level learning that they have achieved through life and work experiences. Prior Learning Assessment opportunities range from standardized exams such as CLEP or DSST, credit recommendations from programs such as ACE, Challenge Exams, or Portfolio. For more information, please visit our website (<https://www.lcsc.edu/adult-learning-programs/prior-learning-assessment/>) or contact the Adult Learning Coordinator at (208) 792-2301, or [djwilley@lcsc.edu](mailto:djwilley@lcsc.edu).

## Independent Study in Idaho

Independent Study in Idaho (ISI) delivers affordable, online, college courses. Begin any time, work from anywhere at your own pace, and take up to one calendar year from the date of registration to complete.

- Admission to cooperating institutions is not required
- Same in-state and out-of-state registration fees
- Idaho residency is not required
- See [ISI](http://www.uidaho.edu/isi/) website (<http://www.uidaho.edu/isi/>) for a list of courses, syllabi, and policies

ISI was created in 1973 by the Idaho State Board of Education as a cooperative of four accredited Idaho institutions: Lewis-Clark State College, Idaho State University, Boise State University, and the University of Idaho. Students should contact the institution to which they hope to transfer ISI courses regarding the transferability of their ISI courses prior to enrolling.

## Business & Computer Science Division

### Contact Information

**Division Chair:** Ayodeji Arogundade, PhD

**E-mail:** [abarogundade@lcsc.edu](mailto:abarogundade@lcsc.edu)

**Office:** TJH 126

**Phone:** 208-792-2293

**FAX:** 208-792-2878

**Web:** (<http://www.lcsc.edu/business/>)<http://www.lcsc.edu/business>

## Introduction to the Business & Computer Science Division

The Division's priority is undergraduate instruction, but we also recognize a responsibility to the broader community, which is met through service and scholarship. Faculty work with alumni and an advisory committee of professionals to gather feedback to ensure curriculum and degree programs are relevant and graduates are meeting the needs of the business community

### MISSION STATEMENT

The Business & Computer Science Division at Lewis-Clark State College provides quality education to prepare students with the knowledge, competencies, and experience necessary to successfully compete in today's economy through collaborative involvement with the business community.

## ACCREDITATION

Lewis-Clark State College is accredited by the Northwest Commission on Colleges and Universities. Lewis-Clark State College has received specialized accreditation for its business programs through the International Accreditation Council for Business Education (IACBE) located at 11374 Strang Line Road in Lenexa, Kansas, USA.

Click on the following document to see the business programs that are accredited by the IACBE:

<http://iacbe.org/memberpdf/LewisClarkStateCollege.pdf> (<https://iacbe.org/memberpdf/LewisClarkStateCollege.pdf>)

Click here for Public Disclosure of Student Achievement for Academic Year 21-22

<http://www.lcsc.edu/business/>

## Majors Offered

- Accounting
- Bioinformatics
- Business Administration
- Business Administration: Health Care Emphasis
- Business Informatics
- Business Management
- Business and Communication
- Computer Science
- Cybersecurity Management
- Sport Management
- General Studies: Business
- Bachelor of Applied Science - Business
- Bachelor of Applied Science

## ASSOCIATE OF SCIENCE DEGREES

- Bookkeeping/Accounting
- Business Administration
- Marketing
- Web Design & Development

## Program Outcomes

From the International Accreditation Council for Business Education's (IACBE) Outcomes Assessment Results for the LC State Business & Computer Science Division:

1. Students will be able to distinguish and explain the concepts, theories, and practices in the functional areas of business.
2. Students will develop and prepare professional oral and written forms of communication.
3. Students will be able to evaluate and apply information technology in support of management decision making.
4. Students will develop and demonstrate the appropriate information literacy skills.
5. Students will be able to work effectively and professionally with diverse colleagues in team situations.

## Assessment

To obtain regular feedback on program excellence, all graduating seniors are required to take a national assessment in Business. The national assessment exam compares LC State student scores in the functional areas of business with student scores at other institutions of higher learning. The General Studies: Business major does not require the student completing the exit exam.

## Admission Requirements

Refer to Lewis-Clark State College standard Admission guidelines.

Business & Computer Science Division students must earn at least a grade of "C-" in Math, ECON, PSYC-101, and all major requirements.

Business & Computer Science Division students must also earn at least a 2.50 grade point average in all business courses combined, including Accounting and Economics.

## Advising

Students are strongly advised to develop Program Plans with a Business & Computer Science Division faculty advisor early in their academic careers. Program Plans help the student to understand the course requirements that must be fulfilled to graduate with a degree. Planning also enables students to learn more about the proper sequencing of courses, which is a key to academic success.

## Minors, Certificates, Transfer Programs

### MINORS:

- Business Administration
- Economics
- Marketing
- Nonprofit Management

### ADVANCED CERTIFICATES

- Applied Accounting

### ACADEMIC CERTIFICATES:

- Entrepreneurship
- Marketing Management
- Sport Marketing

## Special Policies

All candidates for a baccalaureate degree in all business majors with the exception of the General Studies: Business degree must satisfy the following requirements prior to graduation:

1. Complete a minimum of 120 semester college level credits.
2. Complete college's General Education core requirements (see specific major).
3. Complete PSYC-101 and at least one economics class (ECON-201 and/or ECON-202). Some Business majors require both economics classes—check specific program plans. PSYC-101, [ECON-201](#) and ECON-202 satisfy the General Education, Social Sciences Component.
4. Earn at least a "C-" in PSYC-101 and the required math for the degree.
5. Earn at least a "C-" in all major courses.
6. Earn at least a 2.50 grade point average in all Business courses combined.
7. Complete all tests used as part of the College's value added evaluation strategy, including the COMP or other assessment test and a national assessment test in Business if required.
8. Complete no fewer than 64 credits (which can include economics and statistics) in departments other than business.
9. Complete at least 50% of Business credits in the major at LC State.
10. The General Studies: Business major has individual degree requirements. See your advisor and review the General Studies: Business program plan for information.

Expectations of students:

The student will:

1. Acquire and demonstrate the relevant knowledge and competencies in the functional areas of business relevant to their programs of study.
2. Exhibit effective business related skills and abilities.
3. Develop and demonstrate the appropriate information literacy skills.
4. Develop essential skills in decision making in a business environment.
5. Exhibit the ability to use and apply technology in business situations.

## Additional Division Programs

### NORTH CENTRAL IDAHO SMALL BUSINESS DEVELOPMENT CENTER

North Central Idaho Small Business Development Center (SBDC) is affiliated with the LC State Business & Computer Science Division. The SBDC at LC State provide no-cost business coaching, financial and marketing analysis, practical information, and useful connections.

## Clubs, Honor Societies, other Activities

The Business & Computer Science Division has three student organizations, the Business Student Organization (BSO), the Accounting Club and Sigma Beta Delta Honor Society. Involvement in these organizations allows students to actively participate in networking with fellow students and with the business community.

BSO activities include a variety of fundraising ventures that allow students to raise scholarships and funding for student programs and events. Students may also earn credit for their participation.

The Accounting Club offers students an opportunity to meet and network with accounting professionals and LC State alumni in the community. As a part of this process, students can explore career options in the accounting field and develop an awareness concerning educational requirements. Students may also earn credit for their participation.

Chapter 472 of Sigma beta Delta, the international honor society for business, management and administration. The purposes of Sigma Beta Delta are to encourage and recognize scholarships and achievement among students of business, management and administration, and to encourage and promote personal, professional improvement and a life distinguished by honorable service to humankind.

## Preparation for Future Graduate Studies

The Master of Business Administration (MBA) and Master of Accountancy (MAcc) programs at most universities are open to graduates of business and non-business undergraduate programs. Students who wish to pursue these degrees at a particular university are urged to both contact the university and meet with their advisor to ensure their undergraduate coursework meets the entry requirements of that university.

### **AC-231 PRINCIPLES OF ACCOUNTING I 3.00 Credits**

Surveys accounting principles, practices, and decision making in organizations. Addresses topics of managerial, financial, not-for-profit, taxation, and international accounting. Develops and applies analytic accounting skills and techniques to management decision making. Continued in AC-232 Principles of Accounting II.

### **AC-232 PRINCIPLES OF ACCOUNTING II 3.00 Credits**

A continuation of AC-231. Pre-requisite: A grade of 'C-' or better in AC-231.

### **AC-290 DIRECTED STUDY IN ACCOUNTING 1.00-12.00 Credits**

### **AC-291 WORKSHOP IN ACCOUNTING 1.00-12.00 Credits**

### **AC-292 SPECIAL TOPICS IN ACCOUNTING 1.00-12.00 Credits**

### **AC-294 INTERNSHIP IN ACCOUNTING 1.00-12.00 Credits**

(Introductory level internship in Accounting.) The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business and accounting courses to an approved accounting-related work setting. The duties and responsibilities at the work site should provide continued exposure to the business as well as an opportunity for improvement in skills for the student. Students will work at the employer's site for the contracted number of hours. 45 hours of supervised and documented work equals one credit.- Students may register for a minimum of one credit and a maximum of six credits in a single semester. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits - Students must have Sophomore standing or higher - Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

### **AC-294A INTERNSHIP IN ACCOUNTING 1.00-12.00 Credits**

Introductory level of internship in Accounting. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business and accounting courses to an approved accounting-related work setting. The duties and responsibilities at the work site should provide continued exposure to the business as well as an opportunity for improvement in skills for the student. Students will work at the employer's site for the contracted number of hours. 45 hours of supervised and documented work equals one credit.- Students may register for a minimum of one credit and a maximum of six credits in a single semester. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits - Students must have Sophomore standing or higher - Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**AC-294B INTERNSHIP IN ACCOUNTING 1.00-12.00 Credits**

Introductory level internship in Accounting. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business and accounting courses to an approved accounting-related work setting. The duties and responsibilities at the work site should provide continued exposure to the business as well as an opportunity for improvement in skills for the student. Students will work at the employer's site for the contracted number of hours. 45 hours of supervised and documented work equals one credit. - Students may register for a minimum of one credit and a maximum of six credits in a single semester. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits - Students must have Sophomore standing or higher - Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**AC-294C INTERNSHIP IN ACCOUNTING 1.00-12.00 Credits**

Introductory level internship in Accounting. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business and accounting courses to an approved accounting-related work setting. The duties and responsibilities at the work site should provide continued exposure to the business as well as an opportunity for improvement in skills for the student. Students will work at the employer's site for the contracted number of hours. 45 hours of supervised and documented work equals one credit. - Students may register for a minimum of one credit and a maximum of six credits in a single semester. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits - Students must have Sophomore standing or higher - Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**AC-294D INTERNSHIP IN ACCOUNTING 1.00-12.00 Credits**

Introductory level internship in Accounting. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business and accounting courses to an approved accounting-related work setting. The duties and responsibilities at the work site should provide continued exposure to the business as well as an opportunity for improvement in skills for the student. Students will work at the employer's site for the contracted number of hours. 45 hours of supervised and documented work equals one credit. - Students may register for a minimum of one credit and a maximum of six credits in a single semester. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits - Students must have Sophomore standing or higher - Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**AC-295 PRACTICUM IN ACCOUNTING 1.00-12.00 Credits****AC-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****AC-309 VOLUNTEER INCOME TAX ASSISTANCE 3.00 Credits**

The VITA program offers free tax help to low-to moderate-income people in the community who cannot prepare their own tax returns. The purpose of the class is to offer students the opportunity to apply the knowledge they acquire in their accounting classes and related tax classes. The class consists of taking the IRS-sponsored exam that qualifies students to prepare the returns and do a supervisor review of other student-'s' returns. Pre-requisite: AC-232 with a grade of 'C' or better and Junior standing or higher. Graded P/F only. May be repeated once for credit (up to total of 6 credits).

**AC-312 COMPUTERIZED ACCOUNTING 3.00 Credits**

Prepares the student to work with and through computers in meeting organizational financial control needs. Pre-requisite: Must have Junior standing or higher or permission of the instructor.

**AC-319 NOT-FOR-PROFIT ACCOUNTING 3.00 Credits**

This course addresses issues relative to the accounting, reporting and major auditing of a public sector entity. Topics covered include GASB, FASB, and FASAB jurisdiction over not-for-profit and governmental organizations, state and local governmental accounting principles, public entity reporting, and auditing issues. Pre-requisites: AC-232 or permission of the instructor.

**AC-331 INTERMEDIATE ACCOUNTING I 3.00 Credits**

A study of theory, concepts, and financial accounting standards and their application to decision making. Topics include financial statements, the accounting model, assets, liabilities, stockholder's equity, and other financial disclosures. Emphasizes the effects of accounting principles on decision-making, external disclosure consequences of corporate decisions, and the private sector influence on the regulatory and standard-setting environment. Incorporates computer applications into coursework. Continued in AC-332 Intermediate Accounting II. Pre-requisites: A grade of 'C-' or better in AC-232 or permission of the instructor.

**AC-332 INTERMEDIATE ACCOUNTING II 3.00 Credits**

A continuation of AC-331. Pre-requisites: A grade of 'C-' or better in AC-331 or permission of the instructor.

**AC-340 ACCOUNTING INFORMATION SYSTEMS 3.00 Credits**

This course provides a survey of accounting information systems, web technology, online auditing issues in addition to current issues affecting the field of accounting. Specific topics include e-business, computer crime, and expert systems. Pre-requisites: AC-232.

**AC-345 FRAUD EXAMINATION 3.00 Credits**

This course will cover the major methods employees use to commit occupational fraud. Students will learn how and why occupational fraud is committed, how to assess where an organization is at the greatest risk for fraud, how fraudulent conduct can be deterred, and how allegations of fraud should be investigated and resolved. Pre-requisites: AC-232.

**AC-385 MANAGERIAL AND COST ACCOUNTING I 3.00 Credits**

A study of managerial and cost accounting concepts and their application to planning and control of the firm. Topics include accounting for performance and productivity measurement, revenue and cost analysis for decision-making and investigating modern managerial accounting decisions. Emphasizes analytical reasoning to enhance decision-making. Incorporates computer applications into coursework. Pre-requisites: AC-232 and MATH-123 or higher with a grade of C- or better or permission of the instructor.

**AC-390 DIRECTED STUDY IN ACCOUNTING 1.00-12.00 Credits**

Pre-requisite: Must have Junior standing or higher or permission of the instructor.

**AC-391 PERSONAL FINANCE 3.00 Credits**

The course provides students with instruction on practices for budgeting, evaluating investments, and planning for retirement, while taking into account a variety of financial risks and future life changes. The socioeconomic and financial influences that impact personal finance will be considered, while emphasizing the individual responsibilities that are important and applicable to all professional finance settings. The course will cover personal financial planning concepts and applications including cash flow, net worth, asset selection and purchases, income taxes, insurance, and consumer debt. Pre-requisites: AC-231.

**AC-392 SPECIAL TOPICS IN ACCOUNTING 1.00-3.00 Credits**

Pre-requisite: Must have Junior standing or higher or permission of the instructor.

**AC-394 INTERNSHIP IN ACCOUNTING 1.00-12.00 Credits**

Intermediate level internship in Accounting. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business and accounting courses to an approved accounting-related work setting. The duties and responsibilities at the work site should provide continued exposure to the business as well as an opportunity for improvement in skills for the student. Students will work at the employer's site for the contracted number of hours. 45 hours of supervised and documented work equals one credit.- Students may register for a minimum of one credit and a maximum of six credits in a single semester. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits - Students must have junior standing or higher - Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**AC-394A INTERNSHIP IN ACCOUNTING 1.00-12.00 Credits**

Intermediate level internship in Accounting. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business and accounting courses to an approved accounting-related work setting. The duties and responsibilities at the work site should provide continued exposure to the business as well as an opportunity for improvement in skills for the student. Students will work at the employer's site for the contracted number of hours. 45 hours of supervised and documented work equals one credit.- Students may register for a minimum of one credit and a maximum of six credits in a single semester. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits - Students must have junior standing or higher - Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**AC-394B INTERNSHIP IN ACCOUNTING 1.00-12.00 Credits**

Intermediate level internship in Accounting. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business and accounting courses to an approved accounting-related work setting. The duties and responsibilities at the work site should provide continued exposure to the business as well as an opportunity for improvement in skills for the student. Students will work at the employer's site for the contracted number of hours. 45 hours of supervised and documented work equals one credit.- Students may register for a minimum of one credit and a maximum of six credits in a single semester. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits - Students must have junior standing or higher or permission of the instructor - Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.



**AC-394C INTERNSHIP IN ACCOUNTING 1.00-12.00 Credits**

Intermediate level internship in Accounting. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business and accounting courses to an approved accounting-related work setting. The duties and responsibilities at the work site should provide continued exposure to the business as well as an opportunity for improvement in skills for the student. Students will work at the employer's site for the contracted number of hours. 45 hours of supervised and documented work equals one credit. - Students may register for a minimum of one credit and a maximum of six credits in a single semester. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits - Students must have junior standing or higher or permission of the instructor - Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**AC-394D INTERNSHIP IN ACCOUNTING 1.00-12.00 Credits**

Intermediate level internship in Accounting. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business and accounting courses to an approved accounting-related work setting. The duties and responsibilities at the work site should provide continued exposure to the business as well as an opportunity for improvement in skills for the student. Students will work at the employer's site for the contracted number of hours. 45 hours of supervised and documented work equals one credit. - Students may register for a minimum of one credit and a maximum of six credits in a single semester. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits - Students must have junior standing or higher or permission of the instructor - Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**AC-395 MANAGERIAL AND COST ACCOUNTING II 3.00 Credits**

A continuation of Managerial/Cost Accounting I. Pre-requisites: A grade of 'C-' or better in AC-385 or permission of the instructor.

**AC-483 TAX LAW I 3.00 Credits**

A survey of domestic taxation philosophy, concepts, legislation, and practice with emphasis on tax filings and topics relevant to individual taxation. Pre-requisites: A grade of 'C-' or better in AC-232 or permission of the instructor.

**AC-484 TAX LAW II 3.00 Credits**

Continuation of topics relevant to individual taxation and a survey of corporate, partnership, and estate taxation philosophy, concepts, legislation, and practice. This course will emphasize corporate taxation and tax planning for the corporate entity and introduction to tax research. Pre-requisites: A grade of 'C-' or better in AC-483 or permission of the instructor.

**AC-485 AUDITING CONCEPTS 3.00 Credits**

Examines financial and operational auditing philosophy and techniques. Topics include auditing standards, internal control design and evaluation, statistical applications in auditing, evidence, and report writing. Examines legal and ethical issues, governmental influence on auditing, and auditing's role in organizational change. Pre-requisites: AC-232 with a grade of C- or better or permission of the instructor.

**AC-490 DIRECTED STUDY IN ACCOUNTING 1.00-12.00 Credits**

Pre-requisite: Must have Junior standing or higher or permission of the instructor.

**AC-491 WORKSHOP IN ACCOUNTING 1.00-12.00 Credits**

Pre-requisite: Must have Junior standing or higher or permission of the instructor.

**AC-492 SPECIAL TOPICS IN ACCOUNTING 1.00-12.00 Credits**

Pre-requisite: Must have Junior standing or higher or permission of the instructor.

**AC-494 INTERNSHIP IN ACCOUNTING 1.00-12.00 Credits**

Advanced level internship in Accounting. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business and accounting courses to an approved accounting-related work setting. The duties and responsibilities at the work site should provide continued exposure to the business as well as an opportunity for improvement in skills for the student. Students will work at the employer's site for the contracted number of hours. 45 hours of supervised and documented work equals one credit. - Students may register for a minimum of one credit and a maximum of six credits in a single semester. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits - Students must have junior standing or higher or permission of the instructor - Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.



**AC-494A INTERNSHIP IN ACCOUNTING 1.00-12.00 Credits**

Advanced level internship in Accounting. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business and accounting courses to an approved accounting-related work setting. The duties and responsibilities at the work site should provide continued exposure to the business as well as an opportunity for improvement in skills for the student. Students will work at the employer's site for the contracted number of hours. 45 hours of supervised and documented work equals one credit. - Students may register for a minimum of one credit and a maximum of six credits in a single semester. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits - Students must have junior standing or higher or permission of the instructor - Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**AC-494B INTERNSHIP IN ACCOUNTING 1.00-12.00 Credits**

Advanced level internship in Accounting. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business and accounting courses to an approved accounting-related work setting. The duties and responsibilities at the work site should provide continued exposure to the business as well as an opportunity for improvement in skills for the student. Students will work at the employer's site for the contracted number of hours. 45 hours of supervised and documented work equals one credit. - Students may register for a minimum of one credit and a maximum of six credits in a single semester. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits - Students must have junior standing or higher or permission of the instructor - Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**AC-494C INTERNSHIP IN ACCOUNTING 1.00-12.00 Credits**

Advanced level internship in Accounting. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business and accounting courses to an approved accounting-related work setting. The duties and responsibilities at the work site should provide continued exposure to the business as well as an opportunity for improvement in skills for the student. Students will work at the employer's site for the contracted number of hours. 45 hours of supervised and documented work equals one credit. - Students may register for a minimum of one credit and a maximum of six credits in a single semester. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits - Students must have junior standing or higher or permission of the instructor - Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**AC-494D INTERNSHIP IN ACCOUNTING 1.00-12.00 Credits**

Advanced level internship in Accounting. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business and accounting courses to an approved accounting-related work setting. The duties and responsibilities at the work site should provide continued exposure to the business as well as an opportunity for improvement in skills for the student. Students will work at the employer's site for the contracted number of hours. 45 hours of supervised and documented work equals one credit. - Students may register for a minimum of one credit and a maximum of six credits in a single semester. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits - Students must have junior standing or higher or permission of the instructor - Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**AC-495 PRACTICUM IN ACCOUNTING 1.00-12.00 Credits**

Pre-requisite: Must have Junior standing or higher or permission of the instructor.

**ACCPT-101 BASIC ACCOUNTING I 3.00 Credits**

This course is an introduction to accounting procedures for individual proprietorship businesses. Emphasis is on the accounting cycle, double-entry accounting, payroll, and procedures for handling transactions associated with both service and merchandising businesses. Students will practice proper accounting procedures manually and/or on spreadsheet software. It is also helpful to those who want to upgrade business skills for improved employability. Cross-listed with GNBPT-101.

**ACCPT-102 BASIC ACCOUNTING II 3.00 Credits**

This course is a continuation of Basic Accounting I. Emphasis is on the accounting cycle, double-entry accounting, bad debts, merchandise inventory, fixed assets, depreciation, voucher system, departmental accounting, and manufacturing accounting in general associated with both service and merchandising businesses. Students will practice proper accounting procedures manually and/or on spreadsheet software. It is also helpful to those who want to upgrade business skills for improved employability. Pre-requisite: ACCPT-101 with a grade of 'C-' or higher.

**ACCPT-105 PAYROLL ACCOUNTING 3.00 Credits**

Payroll accounting systems, procedures, and time-keeping methods to comply with current laws and regulations. A comprehensive 'real-life' project will play a significant role in this course. Pre-requisite: ACCPT-101 or AC-231.

**ACCPT-190 DIRECTED STUDY IN ACCOUNTING 1.00-6.00 Credits****ACCPT-191 WORKSHOP IN ACCOUNTING 1.00-6.00 Credits****ACCPT-192 SPECIAL TOPICS IN ACCOUNTING 1.00-6.00 Credits****ACCPT-214 COMPUTERIZED ACCOUNTING I 3.00 Credits**

Introduction to computerized accounting using current accounting software. The course integrates the normal accounting cycle for a service and merchandise business into a computerized information system. Topics include accounts receivable, accounts payable, bank reconciliations, and end-of-period procedures. Pre-requisite: ACCPT-101 or equivalent.

**ACCPT-215 COMP ACCOUNTING II 3.00 Credits**

This course goes in depth teaching computer accounting with QuickBooks Online. This accounting information system will illustrate how to record accounting transactions for a service/merchandising company. The student will complete an in-depth practice set that will closely simulate the duties of a bookkeeper for a small business in the real world. Accounting topics covered are chart of accounts, accounts receivable, accounts payable, inventory, payroll, and financial statements. Pre-requisite: ACCPT-214 with a grade of 'C-' or higher.

**ACCPT-231 PRINCIPLES OF ACCOUNTING I 3.00 Credits**

Surveys accounting principles, practices, and decision making in organizations. Addresses topics of managerial, financial, not-for-profit, taxation, and international accounting. Develops and applies analytic accounting skills and techniques to management decision making. Continued in AC-232 Principles of Accounting II. Cross-listed with AC-231.

**ACCPT-232 PRINCIPLES OF ACCOUNTING II 3.00 Credits**

A continuation of AC-231. Pre-requisite: A grade of 'C-' or better in AC-231 or ACCPT-231. Crosslisted with AC-232.

**ACCPT-234 MANAGERIAL ACCOUNTING FOR THE HOSPITALITY INDUSTRY 3.00 Credits**

This course is an introduction to basic financial accounting concepts and practice applicable to resort and hospitality organizations using the industry's uniform system of accounting. Key accounting concepts and the selective application of its most effective strategies and tactics are mission critical factors for most hospitality operations. Students participate in real-world, hands-on managerial accounting in a hospitality setting.

**ACCPT-235 COST ACCOUNTING 3.00 Credits**

This course provides a study of budgeting and cost control systems including a detailed study of manufacturing cost accounts and reports, job order costing, and process costing. It includes an introduction to alternative costing methods such as activity based and just-in-time costing as well as historical cost systems, work in process inventories, material and labor control, multiple products, budgeting, applying overhead, standard costs, direct costs, evaluating profit performance, and distribution costs. These courses are offered at the 200 level with an option to take at the 300 level with a research project in addition to the 200 level course load. Prerequisite: ACCPT-231.

**ACCPT-236 MANAGEMENT ACCOUNTING IN HEALTHCARE ORGANIZATIONS 3.00 Credits**

This course focuses on the financial management of healthcare organizations and covers concepts in managerial accounting and finance that are critical to decision-making. These topics include evaluation of capital investment decisions, sources of financing, managerial accounting concepts (including cost behavior, profit analysis, and incremental analysis), reimbursement under various third-party payer environments, cost allocation and government program reporting. Pre-requisite: AC-231.

**ACCPT-260 ACCOUNTING INFORMATION SYSTEMS 3.00 Credits**

The objective of this course is to become familiar with how accounting information systems should function, regardless of the particular software used. This course emphasizes the practical application of accounting information systems concepts and will lead to understanding accounting information systems risks and controls so that you are capable of helping to solve issues related to the system or assist in implementing a new system. Quickbooks and Excel are an integral part of this course. During the course of the semester, students will engage in hands on problem solving through the use of technology as an analytical tool. These courses are offered at the 200 level with an option to take at the 300 level with a research project in addition to the 200 level course load. Prerequisite: ACCPT-231.

**ACCPT-280 BASIC AUDIT SUPPORT 3.00 Credits**

This course is designed to provide an introduction to basic auditing and audit support functions. The objectives include becoming familiar with principles and practices used by public accountants and internal auditors in examining financial statements and supporting data. Students will be studying the techniques available for gathering, summarizing, analyzing and interpreting the data presented in financial statements and procedures used in verifying the fairness of the information. Ethical and legal aspects and considerations are also emphasized. Pre-requisite: AC-232.

**ACCPT-285 BASIC INCOME TAX PREPARATION 3.00 Credits**

This course will provide students with the basic knowledge to prepare and file individual and business taxes, by using a step by step approach and real-world examples to reinforce their knowledge. The main focus of this class will be the individual income tax return and the sole proprietor business tax return including the schedule C. The tax return is broken down by tax entities and then by subject in order of the tax forms in easy to follow step-by-step instructions. Students will complete examples of returns using actual tax forms. Pre-requisite: ACCPT-101.

**ACCPT-290 DIRECTED STUDY IN ACCOUNTING 1.00-6.00 Credits****ACCPT-291 WORKSHOP IN ACCOUNTING 1.00-6.00 Credits****ACCPT-292 SPECIAL TOPICS IN ACCOUNTING 1.00-6.00 Credits****ACCPT-294 INTERNSHIP IN BOOKKEEPING 1.00-12.00 Credits**

Internship in Bookkeeping.

**ACCPT-294A INTERNSHIP IN BOOKKEEPING I 1.00-6.00 Credits**

Internship in Bookkeeping.

**ACCPT-294B INTERNSHIP IN BOOKKEEPING II 1.00-6.00 Credits**

Continuation of ACCPT-294A as a 200-level Internship in Bookkeeping.

**ACCPT-294C INTERNSHIP IN BOOKKEEPING III 1.00-6.00 Credits**

Continuation of ACCPT-294B as an intermediate 200-level Internship in Bookkeeping.

**ACCPT-294D INTERNSHIP IN BOOKKEEPING IV 1.00-6.00 Credits**

Continuation of ACCPT-294C as an intermediate to advanced 200-level Internship in Bookkeeping.

**ACCPT-299 BOOKKEEPING/ACCOUNTING CAPSTONE 3.00 Credits**

This course is a required course for the Bookkeeping/Accounting program. Students will review and practice all the financial accounting skills learned throughout the program. In-depth study of the key accounting functions required for companies with up to 100 employees; includes adjustments and error correction, payroll and depreciation, inventory accounting, internal controls, and fraud prevention. This course helps prepare students for the American Institute of Professional Bookkeepers (AIPB) Professional Bookkeeping Certification and the AIPB independently graded practice tests will serve as the required Technical Skills Assessment (TSA). This is the final course in the Bookkeeping/Accounting program and should be taken during the student's last term.

**BIOF-100 INTRODUCTION TO BIOINFORMATICS 3.00 Credits**

An introduction to bioinformatics as a scientific discipline. No prior knowledge needed. Emphasis is on the application of computational tools and techniques to solving Molecular Biology problems. Topics include: essential concepts in Molecular Biology, DNA sequencing methods, sequence alignment methods, sequence databases and web servers, regulatory sequence motif finding, sequence variation and phylogenetics. Pre-requisite: Placement into core MATH or above.

**BIOF-301 COMPUTATIONAL GENOMICS 3.00 Credits**

Introduction to the current computational methods for whole genome sequence analysis. Emphasis is on large-scale sequence data analysis in a high-performance UNIX/Linux computing environment. Topics include, genome structure and organization, whole genome assembly and annotation, comparative genomics, transcriptome assembly and gene expression analysis, genome arithmetic, DNA polymorphism detection, and small RNA Biology and analysis. Pre-requisite: MATH-170 and CS-250, with a grade of C or better.

**BIOF-350 IMAGE ANALYSIS 4.00 Credits**

Covers image processing techniques with application to biological images. This includes scanning technology, image segmentation, application of machine learning to image analysis, and development of automatic image analysis software. Programming experience is expected. Students will both use and develop image analysis software. Pre-requisite: MATH-170 and CS-250, with a grade of C or better.

**BIOF-399 Research Assistantship 12.00 Credits**

Research Assistantship in Bioinformatics.

**BIOF-495 PRACTICUM IN BIOINFORMATICS 1.00-12.00 Credits****BUS-101 INTRODUCTION TO BUSINESS 3.00 Credits**

Increases student awareness of business functions and the business environment. Crosslisted with MGTPT-101.

**BUS-190 DIRECTED STUDY IN BUSINESS 1.00-12.00 Credits****BUS-192 SPECIAL TOPICS IN BUSINESS 1.00-12.00 Credits****BUS-220 BUSINESS COMMUNICATIONS 3.00 Credits**

Provides students with written and verbal skills to communicate effectively in the business environment. Written skills range from basic grammar and punctuation techniques to writing business memos and reports. Verbal skill situations include preparing presentations and interviews and directing meetings.

**BUS-221 INTRODUCTION TO COMPUTERS/INFO SYSTEMS 3.00 Credits**

Introduction to the characteristics of computer based information systems in organizations. Topics included are: the use of microcomputers in business; the most popular productivity software applications; Management Information Systems (MIS) theory; the importance of MIS in modern international management decision-making; systems analysis and design; and several uses of the Internet.

**BUS-261 SMALL BUSINESS/ENTREPRENEURIAL MGMT 3.00 Credits**

A study of the development and implementation of developing a for-profit enterprise. Emphasis is put on best practices for success in today's global economy. Case studies are used to explore topics ranging from the entrepreneurial lifestyle and mindset to the decision to start a business from scratch, purchase a franchise or existing business, to the components of a business plan, which include management and organization, marketing, financial sections, and managing growth.

**BUS-271 BUSINESS STATISTICS 3.00 Credits**

Survey of descriptive and inferential statistical concepts commonly used in the treatment of data in social science research. The understanding and application of the concepts will be emphasized. Topics include: measures of central tendency, measures of variability, correlation methods, hypothesis testing, and simple analysis of variance. Pre-requisite: MATH-123 with a grade of C or better.

**BUS-290 DIRECTED STUDY IN BUSINESS 1.00-12.00 Credits****BUS-292 SPECIAL TOPICS IN BUSINESS 1.00-12.00 Credits****BUS-294 INTERNSHIP IN BUSINESS 1.00-12.00 Credits**

Introductory level internship in Business. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business courses to an approved business-related work setting. The duties and responsibilities at the work site should constitute new learning for the student. Students will participate in two workshops with other interns in the Business Division, and work at the employer's site for the contracted number of hours. Students will work at the employer's site for the contracted number of hours. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits - Students must have sophomore standing or higher or permission of the instructor - Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**BUS-294A INTERNSHIP IN BUSINESS I 1.00-12.00 Credits**

Introductory level internship in Business. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business courses to an approved business-related work setting. The duties and responsibilities at the work site should constitute new learning for the student. Students will participate in two workshops with other interns in the Business Division, and work at the employer's site for the contracted number of hours. Students will work at the employer's site for the contracted number of hours. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits. - Students must have sophomore standing or higher or permission of the instructor - Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**BUS-294B INTERNSHIP IN BUSINESS II 1.00-12.00 Credits**

Introductory level internship in Business. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business courses to an approved business-related work setting. The duties and responsibilities at the work site should constitute new learning for the student. Students will participate in two workshops with other interns in the Business Division, and work at the employer's site for the contracted number of hours. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits. - Students must have sophomore standing or higher or permission of the instructor - Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**BUS-294C INTERNSHIP IN BUSINESS 1.00-12.00 Credits**

Introductory level internship in Business. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business courses to an approved business-related work setting. The duties and responsibilities at the work site should constitute new learning for the student. Students will participate in two workshops with other interns in the Business Division, and work at the employer's site for the contracted number of hours. Pre-requisite: Sophomore standing or permission of the instructor. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits. - Students must have sophomore standing or higher or permission of the instructor - Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**BUS-294D INTERNSHIP IN BUSINESS 1.00-12.00 Credits**

Introductory level internship in Business. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business courses to an approved business-related work setting. The duties and responsibilities at the work site should constitute new learning for the student. Students will participate in two workshops with other interns in the Business Division, and work at the employer's site for the contracted number of hours. Pre-requisite: Sophomore standing or permission of the instructor. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits. - Students must have sophomore standing or higher or permission of the instructor - Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**BUS-301 FINANCIAL MANAGEMENT 3.00 Credits**

A study of decision making within a firm, emphasizing the financial environment and maximizing the value of the firm. Subjects include financial planning, the CAP model and long-term valuation decisions. Pre-requisites: AC-232 and MATH-123 or higher with a grade of C- or better or permission of the instructor.

**BUS-306 BUSINESS AND CULTURE 3.00 Credits**

This course increases student awareness of business cultures, introduces business industry norms, and aspects of the general business environment on a micro, macro, and global basis.

**BUS-311 FOUNDATIONS OF MANAGEMENT THEORY 3.00 Credits**

Explores the historical foundations of management thought, analyzes the functions of management, and provides a detailed examination of leadership, communication, motivation, and organizational behavior.

**BUS-321 PRINCIPLES OF MARKETING 3.00 Credits**

Examines the basic elements of marketing theory, terminology and concepts with emphasis placed on analyzing consumer motivation.

**BUS-323 PROMOTION METHODS 3.00 Credits**

Focuses on major elements of the promotional mix including personal selling, advertising, sales, promotion, and publicity. Pre-requisite: BUS-321.

**BUS-325 FOOD SERVICE SYSTEMS AND CONTROLS 3.00 Credits**

Provides an introduction to control functions in food and beverage management, including determining standards, operating budgets, and menu production to students preparing for careers in the food and beverage management sector, as well as hotels and other enterprises where this knowledge is necessary.

**BUS-333 CONSUMER BEHAVIOR 3.00 Credits**

Focuses on those activities directly involved in obtaining, consuming, and disposing of products and services, including the decision processes that precede and follow these actions. Topics include individual and small group decision making as well as the major factors shaping these processes: individual differences, psychological processes, and environmental influences. Consumer Behavior is of particular interest to those who, for various reasons, desire to influence or change that behavior, including those whose primary concern is marketing, consumer education and protection, and public policy. Non-business majors are welcome. Pre-requisite: BUS-321 with a grade of C or better and Junior standing or higher; or permission of the instructor.

**BUS-340 RETAIL MARKETING 3.00 Credits**

Includes site selection, organization, merchandising, pricing, promotion, and controls. Pre-requisites: BUS-321.

**BUS-346 NONPROFIT MANAGEMENT 3.00 Credits**

This course introduces students to the nature of nonprofit organizations and provides a framework for managing and leading within the nonprofit sector. Key content areas include: understanding of legal structure, governance and leadership, accountability and performance, strategic planning, partnerships and alliances, employees and volunteers; marketing and communications; and financial management. Theory and practical application are blended in this course, providing an experiential learning experience through a service learning project for a local nonprofit organization. Crosslisted with COMM-346.

**BUS-347 NONPROFIT FUNDRAISING 3.00 Credits**

This course focuses on fundraising from the perspective of a nonprofit organization. Students will explore the skills needed to become a successful fundraiser, including donor research, event planning and evaluation, and community relations. From seeking donors and developing a needs statement through creating a fundraising plan and implementing a successful fundraising event, students will gain practical knowledge, which can be applied in a variety of situations. This course has a large community engagement component, and students will work with real nonprofit organizations to apply course concepts. Crosslisted with COMM-347.

**BUS-348 NONPROFIT GRANT WRITING 3.00 Credits**

This course focuses on grant writing from the perspective of a nonprofit organization. Students will become familiar with grant seeking and grant writing processes. From searching for funders and developing a needs statement through creating a budget and implementing a successful grant, students will gain practical knowledge which can be applied in a variety of situations. Students will gain experience in both writing and reviewing grant proposals. This course has a large community engagement component, and students will work with real nonprofit agencies to apply course concepts. Pre-requisites: Must have Junior standing or higher or permission from the instructor. Crosslisted with COMM-348.

**BUS-352 PUBLIC FINANCE 3.00 Credits**

An examination of the public sector and its contribution to economic welfare, resource allocation, income distribution, stabilization, and economic growth. Pre-requisites: ECON-201 and ECON-202.

**BUS-355 INFORMATION SYSTEMS FOR MANAGERS 3.00 Credits**

Advanced study of the characteristics of computer based information systems in organizations. Topics include: issues and problems in the use of computerized information systems in organizing and operating the business enterprise, global issues in information access, use comparative international applications, and implementation of decision support systems. Pre-requisites: BUS-311 or BUS-312.

**BUS-360 LEADERSHIP 3.00 Credits**

Explores the concept of leadership from an interdisciplinary perspective: psychological determinants of leaders and followers, political factors of governance, sociological issues connecting individuals and small groups, anthropological factors in tracking societal transformations, and management skills in the practice of leadership. Pre-requisite: BUS-311.

**BUS-364 EMOTIONAL INTELLIGENCE 3.00 Credits**

This course will cover evidence-based research on the application and effectiveness of Emotional Intelligence in the work place. This includes building a greater sense of awareness of emotions and learning strategies in yourself and others. Emotional Intelligence will help students develop leadership skills that are constructive, productive and authentic.



**BUS-365 BUSINESS LAW I 3.00 Credits**

Explores the legal environment of business, including the legal system, the nature and source of law as applied to business activity, and labor law and legislation. Emphasis on legislation and cases impacting business practice. Requires the preparation of written briefs for assigned cases. Pre-requisites: ENGL-102 or ENGL-109.

**BUS-366 BUSINESS AND SOCIETY 3.00 Credits**

Surveys the political, legal, and social factors that influence business, the role of business in alleviating social problems, and business' responsibility in light of contemporary ethical and moral values. Writing integrated. Pre-requisites: ENGL-102 or ENGL-109.

**BUS-370 PRODUCTION AND OPERATIONS MANAGEMENT 3.00 Credits**

Examines planning, scheduling, and management of business operations and procedures for achieving continuous improvements in quality in manufacturing and service firms. Topics include forecasting demand and costs, facilities design, production planning, and control procedures. Pre-requisites: MATH-123 or higher, BUS-311, and BUS-271 or ECON-300 with a grade of C- or better.

**BUS-375 BUSINESS LAW II 3.00 Credits**

Business Law II is a continuation of Business Law I and will cover a variety of legal issues including Negotiable Instruments, Agency Law, Business Associations, Creditor Relations, and Regulation of Business. The student will review current events involving the legal environment of business and will prepare case briefs and analyze legal problems. Pre-requisite: BUS-365.

**BUS-380 INTERNATIONAL BUSINESS 3.00 Credits**

An overview of the international business environment, conditions affecting firms conducting business overseas and the effects of a transcultural, multi-currency setting on each of the functional areas of business. Pre-requisites: BUS-311.

**BUS-390 DIRECTED STUDY IN BUSINESS 1.00-12.00 Credits**

Pre-requisite: Must have Junior standing or higher or permission of the instructor.

**BUS-392 SPECIAL TOPICS IN BUSINESS 1.00-3.00 Credits**

Pre-requisite: Must have Junior standing or higher or permission of the instructor.

**BUS-394 INTERNSHIP IN BUSINESS 1.00-12.00 Credits**

Intermediate level internship in Business. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business courses to an approved business-related work setting. The duties and responsibilities at the work site should constitute new learning for the student. Students will participate in two workshops with other interns in the Business Division, and work at the employer's site for the contracted number of hours. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits. -Students must have junior standing or higher or permission of the instructor -Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**BUS-394A INTERNSHIP IN BUSINESS I 1.00-12.00 Credits**

Intermediate level internship in Business. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business courses to an approved business-related work setting. The duties and responsibilities at the work site should constitute new learning for the student. Students will participate in two workshops with other interns in the Business Division, and work at the employer's site for the contracted number of hours. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits. -Students must have junior standing or higher or permission of the instructor -Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**BUS-394B INTERNSHIP IN BUSINESS II 1.00-12.00 Credits**

Intermediate level internship in Business. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business courses to an approved business-related work setting. The duties and responsibilities at the work site should constitute new learning for the student. Students will participate in two workshops with other interns in the Business Division, and work at the employer's site for the contracted number of hours. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits. -Students must have junior standing or higher or permission of the instructor -Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**BUS-394C INTERNSHIP IN BUSINESS III 1.00-12.00 Credits**

Intermediate level internship in Business. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business courses to an approved business-related work setting. The duties and responsibilities at the work site should constitute new learning for the student. Students will participate in two workshops with other interns in the Business Division, and work at the employer's site for the contracted number of hours. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits. -Students must have junior standing or higher or permission of the instructor -Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**BUS-394D INTERNSHIP IN BUSINESS IV 1.00-12.00 Credits**

Intermediate level internship in Business. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business courses to an approved business-related work setting. The duties and responsibilities at the work site should constitute new learning for the student. Students will participate in two workshops with other interns in the Business Division, and work at the employer's site for the contracted number of hours. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits. -Students must have junior standing or higher or permission of the instructor -Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**BUS-400 ADVERTISING 3.00 Credits**

An in-depth study of the advertisement industry. Will explore theories of advertising as they relate to questions of ethics, consumerism, social media, and successful and unsuccessful marketing campaigns. Students will both create and critique advertisements. Suggested prerequisites: COMM-320, COMM-384, BUS-311, and/or BUS-321. Crosslisted with COMM-400.

**BUS-405 ENTREPRENEURSHIP 3.00 Credits**

Explores techniques and challenges in developing and operating a small business. Emphasizes application of classroom learning in cases involving local businesses. Pre-requisites: BUS-321 and Junior standing or higher or permission of the instructor.

**BUS-412 HUMAN RESOURCE MANAGEMENT 3.00 Credits**

A survey of personnel functions including manpower planning, appraisal systems, training and development, labor-management relations, compensation, and safety. Pre-requisite: BUS-311 and must have Junior standing or higher or permission of the instructor.

**BUS-413 ORGANIZATIONAL BEHAVIOR 3.00 Credits**

Provides an introduction to the study of organizational structure and design in a global environment. Organization behavior, intergroup relations, and conflict and decision making from a multicultural perspective will be introduced. The interaction between organizational structure and organizational behavior will be discussed in depth. Pre-requisite: BUS-311 and must have Junior standing or higher or permission of the instructor.

**BUS-416 STAFFING 3.00 Credits**

Provides an in-depth analysis of human resource planning, employee recruitment, selection, placement, evaluation, retention, and terminations/layoffs. Pre-requisites: BUS-412 and Junior standing or higher or permission of the instructor.

**BUS-421 MARKETING RESEARCH 3.00 Credits**

Introduces students to basic research designs, sampling, field work, data collection methods, secondary sources of data, data analysis, and research presentation and evaluation. Pre-requisites: BUS-321 and Junior standing or higher or permission of the instructor.

**BUS-428 MARKETING MANAGEMENT 3.00 Credits**

Investigates the role of the marketing manager in terms of product development, promotion, pricing, physical distribution, and marketing strategy. Pre-requisites: BUS-321 and Junior standing or higher or permission of the instructor.

**BUS-431 PUBLIC RELATIONS 3.00 Credits**

A study of the principles and techniques involved in creating and maintaining a favorable public image. Pre-requisite: BUS-321 and must have Junior standing or higher or permission of the instructor.

**BUS-435 MONEY AND BANKING 3.00 Credits**

Focuses on the relationship between depository institutions, their lending, and money demand/supply conditions. The effects of monetary policy on banks, financial markets, and the macro economy are also considered, as are the effects of banks' concerns over profits, liquidity, and solvency. Pre-requisites: ECON-201 and ECON-202 and Junior standing or higher or permission of the instructor.

**BUS-440 HUMAN RESOURCE LAW 3.00 Credits**

Provides information and basic considerations in most human resource legislative areas to aid in arriving at informed, reasonable, and defensible answers to many employment-related questions and situations that may arise at the workplace. Laws include, but are not limited to, the Fair Labor Standards Act (FLSA), Title VII of the Civil Rights Act (CRA) of 1964, the Age Discrimination in Employment Act (ADEA), the Americans With Disabilities Act (ADA), the Family and Medical Leave Act (FMLA), and the Equal Pay Act (EPA). Pre-requisites: BUS-412 and Junior standing or higher or permission of instructor.

**BUS-450 TRAINING AND DEVELOPMENT 3.00 Credits**

Introduces students to information about and examples of the most up-to-date developments in training, research, and practice, including the strategic role of training and the use of new technologies in training. Pre-requisites: BUS-412 and Junior standing or higher or permission of the instructor.

**BUS-461 COMPENSATION AND BENEFITS 3.00 Credits**

Provides instruction related to employee compensation policy and benefits administration. Topics include merit pay, seniority pay, pay equity within the organization and the market, international pay issues, legal and discretionary benefits, and executive compensation. Pre-requisites: BUS-412 and Junior standing or higher or permission of the instructor.

**BUS-480 COMPARATIVE INTERNATIONAL MANAGEMENT 3.00 Credits**

Examines the similarities and differences in managerial philosophy and practice in different parts of the world, familiarizing students with organizational, cultural, and ideological perspectives on management in a variety of cultural environments. Pre-requisites: BUS-311 and Junior standing or higher or permission of the instructor.

**BUS-482 INTERNATIONAL MARKETING 3.00 Credits**

Emphasizes the growing importance of an international perspective to successful business operations. Examines problems associated with marketing across national, international, transcultural, and subcultural boundaries. Develops international marketing skills. Pre-requisites: BUS-321 and Junior standing or higher or permission of the instructor.

**BUS-490 DIRECTED STUDY IN BUSINESS 1.00-3.00 Credits**

Pre-requisite: Must have Junior standing or higher or permission of the instructor.

**BUS-492 SPECIAL TOPICS IN BUSINESS 1.00-3.00 Credits**

Pre-requisite: Must have Junior standing or higher or permission of the instructor.

**BUS-494 INTERNSHIP IN BUSINESS 1.00-12.00 Credits**

Advanced level internship in Business. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business courses to an approved business-related work setting. The duties and responsibilities at the work site should constitute new learning for the student. Students will participate in two workshops with other interns in the Business Division, and work at the employer's site for the contracted number of hours. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits. -Students must have junior standing or higher or permission of the instructor -Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**BUS-494A INTERNSHIP IN BUSINESS I 1.00-12.00 Credits**

Advanced level internship in Business. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business courses to an approved business-related work setting. The duties and responsibilities at the work site should constitute new learning for the student. Students will participate in two workshops with other interns in the Business Division, and work at the employer's site for the contracted number of hours. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits. -Students must have junior standing or higher or permission of the instructor -Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**BUS-494B INTERNSHIP IN BUSINESS II 1.00-12.00 Credits**

Advanced level internship in Business. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business courses to an approved business-related work setting. The duties and responsibilities at the work site should constitute new learning for the student. Students will participate in two workshops with other interns in the Business Division, and work at the employer's site for the contracted number of hours. Students will work at the employer's site for the contracted number of hours. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits. -Students must have junior standing or higher or permission of the instructor -Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.



**BUS-494C INTERNSHIP IN BUSINESS III 1.00-12.00 Credits**

Advanced level internship in Business. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business courses to an approved business-related work setting. The duties and responsibilities at the work site should constitute new learning for the student. Students will participate in two workshops with other interns in the Business Division, and work at the employer's site for the contracted number of hours. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits. -Students must have junior standing or higher or permission of the instructor -Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**BUS-494D INTERNSHIP IN BUSINESS IV 1.00-12.00 Credits**

Advanced level internship in Business. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business courses to an approved business-related work setting. The duties and responsibilities at the work site should constitute new learning for the student. Students will participate in two workshops with other interns in the Business Division, and work at the employer's site for the contracted number of hours. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits. -Students must have junior standing or higher or permission of the instructor -Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**BUS-498 SENIOR STRATEGIC SEMINAR 3.00 Credits**

A capstone course. Students will integrate knowledge of quantitative decision techniques with material drawn from all functional areas of business to formulate, select, implement and evaluate organizational strategies. Pre-requisite: AC-232, BUS-311, BUS-321, and ECON-201 or ECON-202, and Senior standing or permission of the instructor.

**BUS-499 DIRECTED STUDY IN BUSINESS 1.00-3.00 Credits**

Pre-requisite: Must have Junior standing or higher or permission of the instructor.

**BUS-512 HUMAN RESOURCE MANAGEMENT IN HEALTHCARE 3.00 Credits**

This course introduces a strategic approach to human resources management in health care organizations. The overarching goal of the course is to develop an understanding of the concept of strategic human resources management, and the need for alignment between HR practices and an organization's strategies and mission. The course addresses the key human resource functions, including: job analysis, recruiting and selection, performance management, compensation and benefits, and employee retention. The course includes a review of the legal and regulatory environment of human resources management, as well as discussion of healthcare labor markets.

**BUS-513 ORGANIZATIONAL BEHAVIOR 3.00 Credits**

Provides an in-depth study of organizational structure and design. Organization behavior, intergroup relations, and conflict and decision making from a multicultural perspective will be introduced. The interaction between organizational structure and organizational behavior will be discussed.

**BUS-560 LEADERSHIP 3.00 Credits**

Explores the concept of Leadership from an interdisciplinary perspective: psychological determinants of leaders and followers, political factors of governance, sociological issues facing individuals and small groups, anthropological factors in tracking societal transformations, and management skills in the practice of leadership.

**CITPT-101 INTRODUCTION TO WEB DESIGN & DEVELOPMENT 3.00 Credits**

A contemporary and comprehensive introduction to web design/development technologies and subjects.

**CITPT-108 INTRODUCTION TO COMPUTER SCIENCE 4.00 Credits**

This course is an introduction to the basic concepts of Computer Science. You will learn how to program a computer using the Java language, the basic capabilities of a computer system, how to form and validate a hypothesis in computer science, and how computer science relates to other scientific endeavors and society at large. Programming concepts include objects, functions, conditionals, and recursion. This course is suitable both for the non-major and as an entry point into the Computer Science major. Cross-listed with CS-108.

**CITPT-111 WEB DEVELOPMENT BASICS 3.00 Credits**

Provides a foundation in web development and design through a comprehensive study and hands-on application of contemporary Hyper Text Markup Language (HTML) and Cascading Style Sheets (CSS).

**CITPT-112 FUNDAMENTALS OF COMPUTER PROGRAMMING 3.00 Credits**

This course is an introduction to computer programming using contemporary programming logic methods and design practices. The focus of the course is to provide students with a strong foundation in programming principles. Fundamental topics include logic, expressions, operators, I/O, control and conditional structures, data types, containers, functions, programming errors, and events. Students will engage in hands-on programming development using JavaScript and command line interfaces in preparation for dependent courses in this degree program. Prerequisite: CITPT-111 or CITPT-311.

**CITPT-117 WEB DESIGN FUNDAMENTALS 3.00 Credits**

An introduction to design theory in websites and the use of industry development tools. Students will learn and apply standards related to site specifications, layout, navigation, organization, color, typography, and content development. Students will focus on the importance of a user-centered design that meets the expectations of a client or customer.

**CITPT-144 MULTIMEDIA WEB APPLICATIONS 3.00 Credits**

Explores contemporary instances of web application software designed to enhance websites with more dynamic content. This class has a hands-on approach and students will be expected to work through activities step-by-step and then take the basic competencies to create more advanced, original web application content. Cross-listed with CITPT-344.

**CITPT-150 APPLICATIONS IN ELECTRONIC COMMERCE 3.00 Credits**

This course is a thorough study and application of best practices of Electronic Commerce in a real-world setting, including the development and planning of an online store and an advertising campaign that utilizes social media platforms for promotion. Students demonstrate the installation and setup of an online store by developing a website proposal document, creating a business plan, controlling inventory systems, setting up payment information, and presenting their work. Students also create a social media plan for advertising the store by creating a strategy document, a calendar of media and web events, and a business presentation.

**CITPT-175 INTERACTIVE WEB SCRIPTING 3.00 Credits**

Course provides a comprehensive overview of client-side scripting technologies and methods. Pre-requisites: CITPT-111 and CITPT-112.

**CITPT-180 PORTFOLIO DESIGN 3.00 Credits**

This course provides students with an opportunity to prepare themselves for the workplace. Students will prepare a portfolio comprised of completed web design and development projects. Lesson topics include portfolio research, logo creation, site specifications, project timelines, peer review and feedback, and call-to-action interactions. Successful students will finish a portfolio and will be capable of scaling it for future development and projects. Prerequisite: CITPT-111 or CITPT-311.

**CITPT-189 DIRECTED WEB AUTHORING PROJECT 1.00-3.00 Credits**

Requires field experience on a team-based, organizational website project.

**CITPT-190 DIRECTED STUDY IN COMPUTER INFORMATION TECHNOLOGY 1.00-6.00 Credits****CITPT-191 WORKSHOPS IN COMPUTER INFORMATION TECHNOLOGY 1.00-6.00 Credits****CITPT-192 SPECIAL TOPICS IN COMPUTER INFORMATION TECHNOLOGY 1.00-6.00 Credits****CITPT-194 INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY 1.00-12.00 Credits****CITPT-194A INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY I 1.00-6.00 Credits**

Internship in Computer Information Technology.

**CITPT-194B INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY II 1.00-6.00 Credits**

Internship in Computer Information Technology.

**CITPT-194C INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY III 1.00-6.00 Credits**

Internship in Computer Information Technology.

**CITPT-194D INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY IV 1.00-6.00 Credits**

Internship in Computer Information Technology.

**CITPT-206 INTERACTIVE MEDIA PROGRAMMING 3.00 Credits**

This course offers an in-depth approach to creating and debugging applications and techniques of implementation for web and game applications. Topics include classes and objects, inheritance, polymorphism, namespaces, assemblies, exception handling, debugging, data collections, and event-driven programming. Emphasis is on software design and development of real-world applications. Students in the Web Design & Development program are encouraged to take CITPT-112 prior to enrolling in this course.

**CITPT-213 WEB DATABASE TECHNOLOGIES 3.00 Credits**

Expands basic database skills into the web environment and enterprise level applications. This course covers database design theory and advanced database application topics in contemporary, multi-user environments. Pre-requisite: CITPT-112.

**CITPT-217 ADVANCED WEB DESIGN 3.00 Credits**

A comprehensive study of various web design concepts and skills. Students will learn and apply concepts in a project-based manner. Special emphasis will be placed on learning and applying advanced web design techniques on real-world projects. Pre-requisite: CITPT-117 or CITPT-317.

**CITPT-225 WEB FRAMEWORKS 3.00 Credits**

A skill-based study of popular server-side web application frameworks. Students will learn how to build interactive and dynamic web site components. Pre-requisite: CITPT-112.

**CITPT-226 SQL: STRUCTURED QUERY LANGUAGE 3.00 Credits**

Introduces the basic concepts of relational database systems and the role of the Structured Query Language (SQL) in database development. It also covers SQL and its applications to the creation and maintenance of data in a Database Management System (DBMS). Emphasis is placed on using SQL for database querying. Cross-listed with CS-226. Pre-requisite: Completion of MATH-023 or MATH-025 or higher, excluding MTHPT-103P, MATH-153P and MATH-157P, or have satisfactory math placement scores.

**CITPT-227 WEB APPLICATION DEVELOPMENT 3.00 Credits**

A hands-on study of web development for dynamic, data-driven web applications using contemporary technologies and development software. Pre-requisite: CITPT-112.

**CITPT-265 IMAGE EDITING AND ILLUSTRATION 3.00 Credits**

Comprehensive experience in image editing, drawing, painting, and typography.

**CITPT-275 WEB AUTHORING SYSTEMS 3.00 Credits**

A comprehensive study in web content management systems and when/how to use them properly. Topics include CMS installation and maintenance, website management, theme design, and extension development. Pre-requisites: CITPT-111 or CITPT-311.

**CITPT-280 WEB DEVELOPMENT CAPSTONE 3.00 Credits**

The web development capstone course provides web design and development students with the opportunity to integrate knowledge gained across the curriculum. Students will develop personal portfolios, data-driven web or mobile applications, and work in teams to apply knowledge to real-world situations. Students will work to identify client needs, develop a project proposal and specification, and implement the proposed specification. Lecture topics include web hosting setup, website optimization, accessibility, and user experience. Pre-requisite: CITPT-117 or CITPT-317 and CITPT-175 or CITPT-375.

**CITPT-290 DIRECTED STUDY IN COMPUTER INFORMATION TECHNOLOGY 1.00-6.00 Credits****CITPT-291 WORKSHOP IN COMPUTER INFORMATION TECHNOLOGY 1.00-6.00 Credits****CITPT-292 SPECIAL TOPICS IN COMPUTER INFORMATION TECHNOLOGY 1.00-6.00 Credits****CITPT-294 INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY 1.00-12.00 Credits****CITPT-294A INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY I 1.00-6.00 Credits**

Internship in Computer Information Technology.

**CITPT-294B INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY II 1.00-6.00 Credits**

Internship in Computer Information Technology.

**CITPT-294C INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY III 1.00-6.00 Credits**

Internship in Computer Information Technology.

**CITPT-294D INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY IV 1.00-6.00 Credits**

Internship in Computer Information Technology.

**CITPT-311 WEB DEVELOPMENT BASICS 3.00 Credits**

Provides a foundation in web development and design through a comprehensive study and hands-on application of contemporary Hyper Text Markup Language (HTML) and Cascading Style Sheets (CSS).

**CITPT-312 FUNDAMENTALS OF COMPUTER PROGRAMMING 3.00 Credits**

This course is an introduction to computer programming using contemporary programming logic methods and design practices. The focus of the course is to provide students with a strong foundation in programming principles. Fundamental topics include logic, expressions, operators, I/O, control and conditional structures, data types, containers, functions, programming errors, and events. Students will engage in hands-on programming development using JavaScript and command line interfaces in preparation for dependent courses in this degree program. Students in CITPT-312 will have an additional research project required of them. Prerequisite: CITP-111 or CITPT-311.

**CITPT-317 WEB DESIGN FUNDAMENTALS 3.00 Credits**

An introduction to design theory in websites and the use of industry development tools. Students will learn and apply standards related to site specifications, layout, navigation, organization, color, typography, and content development. Students will focus on the importance of a user-centered design that meets the expectations of a client or customer.

**CITPT-344 MULTIMEDIA WEB APPLICATIONS 3.00 Credits**

Explores contemporary instances of web application software designed to enhance websites with more dynamic content. This class has a hands-on approach and students will be expected to work through activities step-by-step and then take the basic competencies to create more advanced original web application content. Cross-listed with CITPT-144.

**CITPT-350 APPLICATIONS IN ELECTRONIC COMMERCE 3.00 Credits**

This course is a thorough study and application of best practices of Electronic Commerce in a real-world setting, including the development and planning of an online store and an advertising campaign that utilizes social media platforms for promotion. Students demonstrate the installation and setup of an online store by developing a website proposal document, creating a business plan, controlling inventory systems, setting up payment information, and presenting their work. Students also create a social media plan for advertising the store by creating a strategy document, a calendar of media and web events, and a business presentation. Students in CITPT-350 must submit an additional research project.

**CITPT-375 INTERACTIVE WEB SCRIPTING 3.00 Credits**

Provides a comprehensive overview of client-side scripting technologies and methods. Pre-requisites: CITPT-111 and CITPT-112.

**CITPT-380 PORTFOLIO DESIGN 3.00 Credits**

This course provides students with an opportunity to prepare themselves for the workplace. Students will prepare a portfolio comprised of completed web design and development projects. Lesson topics include portfolio research, logo creation, site specifications, project timelines, peer review and feedback, and call-to-action interactions. Successful students will finish a portfolio and will be capable of scaling it for future development and projects. Students in CITPT-380 will have an additional research project required of them. Prerequisite: CITPT-111 or CITPT-311.

**CITPT-390 DIRECTED STUDY IN COMPUTER INFORMATION TECHNOLOGY 1.00-6.00 Credits****CITPT-391 WORKSHOP IN COMPUTER INFORMATION TECHNOLOGY 1.00-6.00 Credits****CITPT-392 SPECIAL TOPICS IN COMPUTER INFORMATION TECHNOLOGY 1.00-6.00 Credits****CITPT-394 INTERNSHIP IN WEB DEVELOPMENT 1.00-12.00 Credits****CITPT-394A INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY I 1.00-6.00 Credits**

Internship in Computer Information Technology.

**CITPT-394B INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY II 1.00-6.00 Credits**

Internship in Computer Information Technology.

**CITPT-394C INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY III 1.00-6.00 Credits**

Internship in Computer Information Technology.

**CITPT-394D INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY IV 1.00-6.00 Credits**

Internship in Computer Information Technology.

**CITPT-413 WEB DATABASE TECHNOLOGIES 3.00 Credits**

Expands basic database skills into the web environment and enterprise level applications. This course covers database design theory and advanced database application topics in contemporary, multi-user environments. Pre-requisite: CITPT-112.

**CITPT-417 ADVANCED WEB DESIGN 3.00 Credits**

A comprehensive study of various web design concepts and skills. Students will learn and apply concepts in a project-based manner. Special emphasis will be placed on learning and applying advanced web design techniques on real-world projects. Students enrolled in CITPT-417 will have an additional research project to complete for this course. Prerequisite: CITPT-117 or CITPT-317.

**CITPT-465 IMAGE EDITING AND ILLUSTRATION 3.00 Credits**

Comprehensive experience in image editing, drawing, painting, and typography.

**CITPT-475 WEB AUTHORING SYSTEMS 3.00 Credits**

A comprehensive study in web content management systems and when/how to use them properly. Topics include CMS installation and maintenance, website management, theme design, and extension development. Pre-requisites: CITPT-111 or CITPT-311.

**CITPT-480 WEB DEVELOPMENT CAPSTONE 3.00 Credits**

The web development capstone course provides web design and development students with the opportunity to integrate knowledge gained across the curriculum. Students will develop personal portfolios, data-driven web or mobile applications, and work in teams to apply knowledge to real-world situations. Students will work to identify client needs, develop a project proposal and specification, and implement the proposed specification. Lecture topics include web hosting setup, website optimization, accessibility, and user experience. Pre-requisite: CITPT-117 or CITPT-317 and CITPT-175 or CITPT-375.

**CITPT-490 DIRECTED STUDY IN COMPUTER INFORMATION TECHNOLOGY 1.00-6.00 Credits****CITPT-491 WORKSHOP IN COMPUTER INFORMATION TECHNOLOGY 1.00-6.00 Credits****CITPT-492 SPECIAL TOPICS IN COMPUTER INFORMATION TECHNOLOGY 1.00-6.00 Credits****CITPT-494 INTERNSHIP IN COMPUTER INFORMATION SYSTEMS 1.00-12.00 Credits****CITPT-494A INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY I 1.00-6.00 Credits**

Internship in Computer Information Technology.

**CITPT-494B INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY II 1.00-6.00 Credits**

Internship in Computer Information Technology.

**CITPT-494C INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY III 1.00-6.00 Credits**

Internship in Computer Information Technology.

**CITPT-494D INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY IV 1.00-6.00 Credits**

Internship in Computer Information Technology.

**CS-101 COMPUTER SCIENCE SEMINAR 1.00 Credit**

Introduces the computing and information technology profession and the LCSC's curriculum emphasis options. Topics include: fields of study, curriculum and professional options, legal and ethical issues for computing professionals, academic responsibilities and ethical conduct. Emphasis on the computing science fields of study and their uses in today's digital society.

**CS-108 INTRODUCTION TO COMPUTER SCIENCE 4.00 Credits**

This course is an introduction to the basic concepts of Computer Science. You will learn how to program a computer using the Java language, the basic capabilities of a computer system, how to form and validate a hypothesis in computer science, and how computer science relates to other scientific endeavors and society at large. Programming concepts include objects, functions, conditionals, and recursion. This course is suitable both for the non-major and as an entry point into the Computer Science major. Cross-listed with CITPT-108.

**CS-111 FOUNDATIONS OF PROGRAMMING 4.00 Credits**

Introduction to problem solving and the basic building blocks of algorithm design using a modern programming language. Topics include: procedural programming constructs and basic program modularization. Pre-requisite: CS-108 or MATH-170, all with a grade of C or better.

**CS-190 DIRECTED STUDY IN COMPUTER SCIENCE 1.00-12.00 Credits****CS-192 SPECIAL TOPICS IN COMPUTER SCIENCE 1.00-4.00 Credits****CS-211 COMPUTER SCIENCE II 4.00 Credits**

Covers object-oriented (OO) design and implementation techniques. Topics include: the Unified Modeling Language (UML), data types and classes, collaboration, association, aggregation, inheritance, polymorphism, parametric programming, and software libraries. Emphasis on design and implementation of object-oriented software systems through the adequate design and implementation of domain specific data types that collaborate to implement the requested functionality. Pre-requisites: CS-111 with a grade of C or better.

**CS-226 SQL: STRUCTURED QUERY LANGUAGE 3.00 Credits**

Introduces the basic concepts of relational database systems and the role of the Structured Query Language (SQL) in database development. It also covers SQL and its applications to the creation and maintenance of data in a Database Management System (DBMS). Emphasis is placed on using SQL for database querying. Pre-requisite: Completion of MATH-023 or MATH-025 or higher, excluding MTHPT-103P, MATH-153P and MATH-157P, or have satisfactory math placement scores.

**CS-250 COMPUTER ORGANIZATION AND ARCHITECTURE 4.00 Credits**

Introduces the architecture and organization of modern computer systems. Topics include: digital logic, number systems, Von Neumann architecture, processing and instruction sets, memory and memory addressing, parallel systems, and parallel architectures. Emphasis on the connections between the computer's hardware and its software. Pre-requisite: CS 211 with a grade of C- or better.

**CS-253 INTRO TO SYSTEMS PROGRAMMING 4.00 Credits**

Detailed overview of software development on unix-like operating systems with an emphasis on systems programming using C, C++, or an equivalent systems programming language. This includes an introduction to command-line usage and scripting using a common shell. Students will learn about mechanisms available on POSIX-compliant platforms such as signals, pipes, and file descriptors. Pre-requisite: CS-211 with a grade of C or better.

**CS-290 DIRECTED STUDY IN COMPUTER SCIENCE 1.00-6.00 Credits****CS-291 WORKSHOP IN COMPUTER SCIENCE 1.00-6.00 Credits****CS-292 SPECIAL TOPICS IN COMPUTER SCIENCE 1.00-3.00 Credits****CS-294 INTERNSHIP IN COMPUTER SCIENCE 1.00-12.00 Credits****CS-295 PRACTICUM IN COMPUTER SCIENCE 1.00-6.00 Credits****CS-311 ALGORITHMS AND DATA STRUCTURES 4.00 Credits**

Covers the fundamentals of data structures, abstract data types and associated algorithms. Topics include: abstract data types, recursion, trees, graphs, hashing, and searching and sorting. Pre-requisite: CS-211 with a grade of C or better.

**CS-360 SOFTWARE ENGINEERING 3.00 Credits**

Introduces the engineering principles for the design and development of high quality computing systems. Topics include: the software life cycle model, requirements definition, design, verification and validation, software and system modeling and documentation, and project management techniques. Pre-requisite: A grade of 'C' or better in CS-311.

**CS-390 DIRECTED STUDY IN COMPUTER SCIENCE 1.00-6.00 Credits****CS-391 WORKSHOP IN COMPUTER SCIENCE 1.00-6.00 Credits****CS-392 SPECIAL TOPICS IN COMPUTER SCIENCE 1.00-4.00 Credits****CS-394 INTERNSHIP IN COMPUTER SCIENCE 1.00-12.00 Credits****CS-395 PRACTICUM IN COMPUTER SCIENCE 1.00-6.00 Credits****CS-399 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****CS-401 FUTURE PROFESSIONALS SEMINAR 1.00 Credit**

Students develop either a job application packet or a graduate school application packet. This includes the development and presentation of a portfolio and resume or curriculum vita. Pre-requisite: A grade of 'C' or better in MATH-147 (or equivalent placement score) and CS-312 which can be taken as a co-requisite.



**CS-405 OBJECT-ORIENTED DESIGN FOR SECONDARY EDUCATION 4.00 Credits**

Covers object-oriented (OO) design and implementation techniques. Topics include: the Unified Modeling Language (UML), data types and classes, collaboration, association, aggregation, inheritance, polymorphism, parametric programming, and software libraries. Emphasis on design and implementation of object-oriented software systems through the adequate design and implementation of domain specific data types that collaborate to implement the requested functionality. Additional information focuses on adapting content to high school courses. Registration will be restricted to students admitted to the Secondary Education Program and/or students who are Secondary Education Certified. Pre-requisite: CS-411 with a grade of C or better.

**CS-408 INTRODUCTION TO COMPUTER SCIENCE FOR SECONDARY EDUCATION 4.00 Credits**

This course is an introduction to the basic concepts of Computer Science. You will learn how to program a computer using an object-oriented language, the basic capabilities of a computer system, how to form and validate a hypothesis in computer science, and how computer science relates to other scientific endeavors and society at large. Programming concepts include objects, functions, conditionals, and recursion. Additional information focuses on adapting content to high school courses. Registration will be restricted to students admitted to the Secondary Education Program and/or students who are Secondary Education Certified.

**CS-410 AUTOMATA:THEORY OF COMPUTATION 4.00 Credits**

Provides an introduction to the theoretical foundations of computing. Topics include: automata and languages (finite automata, regular languages, and context-free languages), computability theory (the Church-Turing thesis and decidability), and complexity theory (time and space complexity). Emphasis on the use of rigorous mathematical approaches to problem definition and description of solutions. Pre-requisite: A grade of 'C' or better in MATH-147 (or equivalent placement score) AND CS-312 which can be taken as a co-requisite.

**CS-411 FOUNDATIONS OF PROGRAMMING FOR SECONDARY EDUCATION 4.00 Credits**

An introduction to computer programming using a modern programming language. The course focuses on problem solving techniques and the basic concepts of procedural programming, by using the Python programming language. Additional information focuses on adapting content to high school courses. Registration will be restricted to students admitted to the Secondary Education Program and/or students who are Secondary Education Certified. Pre-requisite: CS-408 with a grade of C or better.

**CS-413 ALGORITHMS & DATA STRUCTURES FOR SECONDARY EDUCATION 4.00 Credits**

Covers the fundamentals of data structures, abstract data types and associated algorithms. Topics include: abstract data types, recursion, trees, graphs, hashing, and searching and sorting. Additional information focuses on adapting content to high school courses. Registration will be restricted to students admitted to the Secondary Education Program and/or students who are Secondary Education Certified. Pre-requisite: CS-405 with a grade of C or better.

**CS-420 ANALYSIS OF ALGORITHMS 4.00 Credits**

Covers fundamental formal techniques and algorithmic strategies that support advanced algorithm design. Topics include: asymptotic complexity bounds, time analysis of iterative and recursive algorithms, advanced data structures such as balanced and red-black trees and hashing, and advanced algorithmic strategies such as dynamic programming. Emphasis on the underlying mathematical theory, practical considerations of efficiency, and algorithm design trade-offs. Pre-requisites: A grade of 'C' or better in MATH-147 or equivalent placement score AND CS-312 which can be taken as a co-requisite.

**CS-430 OPERATING SYSTEMS 3.00 Credits**

Covers operating system's fundamental concepts and structure. Topics include: operating systems architecture, processes and threads, mutual exclusion and synchronization, deadlock and starvation, memory management and virtual memory, and processor scheduling. Emphasis on operating system design issues, techniques, and trade-offs; includes a hands-on introduction to multithreaded and multicore programming issues and approaches. Pre-requisites: A grade of 'C' or better in CS-253.

**CS-435 COMPUTER NETWORKS 3.00 Credits**

Covers current computer network architectures, protocols, and applications. Topics include: digital networks and the Internet, network architecture, network layers, services and communication protocols, the application layer, the transport layer, the network layer, the data link layer, wireless and mobile networks, and ethical issues with digital networks. Emphasis on Internet and current communication protocols, and the engineering trade-offs of network design and implementation. Includes hands-on sockets programming coursework. Pre-requisites: A grade of 'C' or better in CS-311.

**CS-440 INTELLIGENT SYSTEMS:AI AND INFORMATION 4.00 Credits**

Introduces students to the fundamental concepts and techniques of artificial intelligence (AI) and information management. Pre-requisite: A grade of 'C' or better in MATH-147 (or equivalent placement score) and CS-312 which can be taken as a co-requisite.

**CS-445 DATABASES AND KNOWLEDGE MANAGEMENT 3.00 Credits**

Covers the fundamental concepts required for the design and implementation of database applications and their underlying Database management Systems (DBMS). Topics include: principles and architectures, the relational data model, normalization, conceptual data modeling, design and implementation of database-based applications, and DBMS design issues and approaches. Pre-requisites: A grade of 'C' or better in CS-226 and CS-311.

**CS-450 USABILITY:HUMAN-CENTERED DES/EVALUATION 4.00 Credits**

An introduction to key methods in user-interface design and emphasis on usability design and evaluation. Topics include the user interface analysis, usability enhancement methods, and usability testing. Pre-requisite: A grade of 'C' or better in MATH-147 (or equivalent placement score) AND CS-312 which can be taken as a co-requisite.

**CS-475 COMPUTER SYSTEMS SECURITY 3.00 Credits**

Covers the fundamental concepts and practical applications of computing systems security with a holistic view and applied approach. Topics include: security concepts and services, physical, operational, and organizational security, the role of people in systems security, introduction to cryptography and public key infrastructure, computing systems hardening, secure code, and secure applications development. Emphasis on developing, deploying, and maintaining a secure computing infrastructure with a hands-on approach. Pre-requisite: CS-311.

**CS-480 CAPSTONE DESIGN PROJECT 4.00 Credits**

The application of engineering principles needed for the development and maintenance of high quality medium to large software systems, delivered on time and within budget. Emphasis on the development of a semester long project and final presentation. Pre-requisite: CS-445.

**CS-490 DIRECTED STUDY IN COMPUTER SCIENCE 1.00-6.00 Credits****CS-491 WORKSHOP IN COMPUTER SCIENCE 1.00-6.00 Credits****CS-492 SPECIAL TOPICS IN COMPUTER SCIENCE 1.00-4.00 Credits****CS-494 INTERNSHIP IN COMPUTER SCIENCE 1.00-12.00 Credits****CS-495 PRACTICUM IN COMPUTER SCIENCE 1.00-6.00 Credits****CS-499 RESEARCH PROJECT AND SEMINAR IN COMPUTER SCIENCE 1.00-12.00 Credits**

Students will perform a research project in Computer Science. Includes a satisfactory final oral presentation of findings and results as well as an advisor approved final written report. Proposal and interim oral and written reports may also be required.

**ECON-101 CONTEMPORARY ECONOMICS 3.00 Credits**

Builds breadth of understanding with respect to current economic events, problems and issues in the nation and world. May not be used by Business Administration and Management majors to satisfy the General Education Distributive Component.

**ECON-102 CONSUMER ECONOMICS 3.00 Credits**

Builds breadth of knowledge regarding consumers as an economic force and the impact of global and national economic trends on personal finance. May not be used by Business Administration and Management majors to satisfy the General Education Distributive Component.

**ECON-201 PRINCIPLES OF MACROECONOMICS 3.00 Credits**

Examines the problems of unemployment and inflation, the measurement of aggregate activity and other performance activity, and principles of Gross Domestic Product determination. The influence of monetary and fiscal policy are considered.

**ECON-202 PRINCIPLES OF MICROECONOMICS 3.00 Credits**

Builds breadth of knowledge regarding the economic principles which govern the production, exchange, and pricing of goods, services and resources, and the distribution of incomes in competitive and non-competitive markets. Recommended for students who have completed high school algebra.

**ECON-290 DIRECTED STUDY IN ECONOMICS 1.00-12.00 Credits****ECON-291 WORKSHOP IN ECONOMICS 1.00-12.00 Credits****ECON-292 SPECIAL TOPICS IN ECONOMICS 1.00-3.00 Credits****ECON-295 PRACTICUM IN ECONOMICS 1.00-12.00 Credits****ECON-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****ECON-300 STATISTICAL METHODS 3.00 Credits**

Survey of descriptive and inferential statistical concepts commonly used in the treatment of data in social science research. The understanding and application of the concepts will be emphasized. Topics include: measures of central tendency, measures of variability, correlation methods, hypothesis testing and simple analysis of variance. Pre-requisite: Core Math. Cross-listed with PSYC-300, SS-300.

**ECON-301 INTERMEDIATE MACROECONOMICS 3.00 Credits**

Compares alternative theories of GNP determination and examines the determination of the aggregate price level. The potential and limitations of demand management policy as an influence on performance are examined. Pre-requisites: ECON-201 and ECON-202.

**ECON-302 INTERMEDIATE PRICE THEORY 3.00 Credits**

Analyzes the market process and its role in allocating resources, outputs and income. Alternative market structures and their impact on consumer welfare are stressed, as are the roles of costs and consumer preferences in guiding the decisions of profit-oriented enterprise. Pre-requisites: ECON-201 and ECON-202.

**ECON-392 SPECIAL TOPICS IN ECONOMICS 1.00-3.00 Credits****ECON-399 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****ECON-465 INTERNATIONAL ECONOMICS 3.00 Credits**

Investigates various dimensions of international economics from comparative and classical perspectives followed by an analysis of costs, benefits, and regulation of international commerce. Pre-requisites: ECON-201 and ECON-202.

**ECON-490 DIRECTED STUDY IN ECONOMICS 1.00-12.00 Credits****ECON-491 WORKSHOP IN ECONOMICS 1.00-12.00 Credits****ECON-492 SPECIAL TOPICS IN ECONOMICS 1.00-3.00 Credits****ECON-495 PRACTICUM IN ECONOMICS 1.00-12.00 Credits****GAME-100 INTRODUCTION TO GAME DEVELOPMENT 3.00 Credits**

Course provides a hands-on comprehensive overview of roles within the video game development studio. Students will learn about the Scrum software development framework and how different roles interact with each other within an indie and AAA gaming studio. No prior programming experience is required.

**GAME-110 GAME HISTORY AND ANALYSIS 3.00 Credits**

This course explores the history of games and its effect on culture through a hands-on approach. Students will be exposed to a broad range of game styles played throughout history while creating their own version of a game from the same period.

**GAME-130 2D GAME DEVELOPMENT 3.00 Credits**

This course provides a primer for students to get started in creating 2D games. Topics include assets, coordinates, 2D Physics, prefabs, scripting, user interfaces, and simple AI. Prerequisites: CITPT-206.

**GAME-230 3D GAME DEVELOPMENT 3.00 Credits**

This course is for experienced programmers who wish to learn about 3D game development. Students will explore various advanced programming concepts through multiple projects. Topics will include prototyping, programming camera-relative movements, 3D physics, animator controllers, animation states, skyboxes, audio controllers, coroutines, and connecting your game to the internet. Prerequisites: GAME-130.

**GAME-250 INTRODUCTION TO GAME AI 3.00 Credits**

In this course students will explore strategies commonly used in the gaming industry to solve game AI problems. Topics will include state machines, behavior trees, sensory systems, pathfinding, trigger systems, rule-based systems, agent awareness, and adaptation. Prerequisites: GAME-130.

**GAME-280 GAME DEVELOPMENT PROJECT I 4.00 Credits**

This project is divided into two courses (GAME-280 and GAME-281) where students will work in groups to create a simple game or simulation. Topics will include iterative development techniques, source control, testing, debugging, team communication, and game documentation. Prerequisites: GAME-230.

**GAME-281 GAME DEVELOPMENT PROJECT II 4.00 Credits**

This project is divided into two courses (GAME-280 and GAME-281) where students will work in groups to create a simple game or simulation. Students will work towards completing their game by focusing on adding final elements to their game. Additional topics introduced may include team dynamics, task prioritization, and other development practices. Prerequisites: GAME-280.

**GAME-282 GAME DEVELOPMENT PROJECT III 4.00 Credits**

This project is dedicated to adding to a game previously worked on by the student or a team of students, for the purpose of improving current features and/or implementing new features to the game. Prerequisite: GAME-230.

**GAME-294 INTERNSHIP IN GAME DEVELOPMENT 12.00 Credits**

Internship in Game Development.

**MGTP-101 INTRODUCTION TO BUSINESS 3.00 Credits**

Increases student awareness of business functions and the business environment. Crosslisted with BUS-101.

**MGTP-190 DIRECTED STUDY IN MANAGEMENT 1.00-6.00 Credits****MGTP-191 WORKSHOP IN MANAGEMENT 1.00-6.00 Credits****MGTP-192 SPECIAL TOPICS IN MANAGEMENT 1.00-6.00 Credits****MGTP-194 INTERNSHIP IN MANAGEMENT 1.00-12.00 Credits****MGTP-194A INTERNSHIP IN MANAGEMENT I 1.00-6.00 Credits**

Internship in Management.

**MGTP-194B INTERNSHIP IN MANAGEMENT II 1.00-6.00 Credits**

Continuation of MGTP 194A as a 100-level internship in Management.

**MGTP-194C INTERNSHIP IN MANAGEMENT III 1.00-6.00 Credits**

Continuation of MGTP 194B as an intermediate 100-level internship in Management.

**MGTP-194D INTERNSHIP IN MANAGEMENT IV 1.00-6.00 Credits**

Continuation of MGTP 194C as an intermediate to advanced 100-level internship in Management.

**MGTP-205 SMALL BUSINESS MANAGEMENT 3.00 Credits**

Studies basic factors involved in initiating and managing a business enterprise. Emphasis on business objectives, failure and success factors, problems of a new business, locations, facilities, staffing, planning, and financing. Students will relate these factors to local business operations and will develop a business plan.



**MGTPT-220 SUPERVISION 3.00 Credits**

Prepares students for a role as a front line supervisor. It is intended to be a capstone course for any business-type program. Concept applications include employee motivation, hiring, firing, development, mentoring, organization, and other contemporary issues.

**MGTPT-270 BUSINESS ETHICS 3.00 Credits**

This course introduces basic business ethical concepts, principles, and examples. Topics focus on solving moral dilemmas and introduce the stakeholder and issues management methods as a strategic and practical way for applying ethical reasoning in the workplace. Emphasis is placed on establishing solid decision criteria, moral creativity, and responsibility in ethical reasoning. This course also fosters an awareness of corporate responsibility in advertising, product safety and liability, and the environment. Timely ethical issues such as globalization, discrimination, sexual harassment, and whistle-blowing will be discussed as they relate to the workplace.

**MGTPT-275 INTRO HUMAN RESOURCE MANAGEMENT 3.00 Credits**

The course is an introductory course in the principles of planning, directing and controlling people functions in an organization. Emphasis is on the effective implementation of a comprehensive human resources program, including the recruitment, development, evaluation, and motivation of employees. The curriculum is designed to provide a basic understanding as well as appreciation of the importance of human resource management in today's competitive business environment, as well as the HR information students will need to be effective managers in either a large or small company setting. The course will also examine the impact of human resource management practices and decisions on both organizational and individual performance.

**MGTPT-290 DIRECTED STUDY IN MANAGEMENT 1.00-6.00 Credits****MGTPT-291 WORKSHOP IN MANAGEMENT 1.00-6.00 Credits****MGTPT-292 SPECIAL TOPICS IN MANAGEMENT 1.00-6.00 Credits****MGTPT-294 INTERNSHIP IN MANAGEMENT 1.00-12.00 Credits****MGTPT-294A INTERNSHIP IN MANAGEMENT I 1.00-6.00 Credits**

Internship in Management.

**MGTPT-294B INTERNSHIP IN MANAGEMENT II 1.00-6.00 Credits**

Continuation of MGTPPT 294A as a 200-level internship in Management.

**MGTPT-294C INTERNSHIP IN MANAGEMENT III 1.00-6.00 Credits**

Continuation of MGTPPT 294B as an intermediate 200-level internship in Management.

**MGTPT-294D INTERNSHIP IN MANAGEMENT IV 1.00-6.00 Credits**

Continuation of MGTPPT 294C as an intermediate to advanced 200-level internship in Management.

**MGTPT-390 DIRECTED STUDY IN MANAGEMENT 1.00-6.00 Credits****MGTPT-391 WORKSHOP IN MANAGEMENT 1.00-6.00 Credits****MGTPT-392 SPECIAL TOPICS IN MANAGEMENT 1.00-6.00 Credits****MGTPT-394 INTERNSHIP IN MANAGEMENT 1.00-12.00 Credits****MGTPT-394A INTERNSHIP IN MANAGEMENT I 1.00-6.00 Credits**

Internship in Management.

**MGTPT-394B INTERNSHIP IN MANAGEMENT II 1.00-6.00 Credits**

Continuation of MGTPPT 394A as a 300-level internship in Management.

**MGTPT-394C INTERNSHIP IN MANAGEMENT III 1.00-6.00 Credits**

Continuation of MGTPPT 394B as an intermediate 300-level internship in Management.

**MGTPT-394D INTERNSHIP IN MANAGEMENT IV 1.00-6.00 Credits**

Continuation of MGTPPT 394C as an intermediate to advanced 300-level internship in Management.

**MGTPT-490 DIRECTED STUDY IN MANAGEMENT 1.00-6.00 Credits****MGTPT-491 WORKSHOP IN MANAGEMENT 1.00-6.00 Credits****MGTPT-492 SPECIAL TOPICS IN MANAGEMENT 1.00-6.00 Credits****MGTPT-494 INTERNSHIP IN MANAGEMENT 1.00-12.00 Credits****MGTPT-494A INTERNSHIP IN MANAGEMENT I 1.00-6.00 Credits**

Internship in Management.

**MGTPT-494B INTERNSHIP IN MANAGEMENT II 1.00-6.00 Credits**

Continuation of MGTPPT 494A as a 400-level internship in Management.

**MGTPT-494C INTERNSHIP IN MANAGEMENT III 1.00-6.00 Credits**

Continuation of MGTPPT 494B as an intermediate 400-level internship in Management.

**MGTPT-494D INTERNSHIP IN MANAGEMENT IV 1.00-6.00 Credits**

Continuation of MGTPPT 494C as an intermediate to advanced 400-level internship in Management.

**MKTPT-130 INTRODUCTION TO MARKETING 3.00 Credits**

This course covers various topics related to marketing and its applications in business and society. The course focuses on key concepts including assessing, understanding, and targeting the market place. The creation of value, pricing, channel selection and integrated marketing communications will also be explored.

**MKTPT-190 DIRECTED STUDY IN MARKETING 1.00-6.00 Credits****MKTPT-191 WORKSHOP IN MARKETING 1.00-6.00 Credits****MKTPT-192 SPECIAL TOPICS IN MARKETING 1.00-6.00 Credits****MKTPT-194 INTERNSHIP IN MARKETING 1.00-12.00 Credits****MKTPT-207 RETAILING 3.00 Credits**

This class is designed to provide students with the necessary skills to make efficient and productive decisions in the retailing and service industries. Topics include m-commerce, e-commerce, human resources, operations, merchandising, supply-chain management, and of course, customer service.

**MKTPT-235 CAREER SKILLS 3.00 Credits**

This course presents practical strategies that prepare students to confirm an appropriate career, to conduct a successful job search and to lay the foundation for successful career development. Emphasis is on Career Action assignments to assess skills and interests, to research prospective employers, to learn about current application requirements, to prepare resumes and cover letters, to practice meeting with business people in a targeted career field and to practice interviewing. These assignments polish job search and career management skills so students can apply them directly to achieving immediate and future career goals. This is a capstone course, intended mostly for graduating students.

**MKTPT-255 ORGANIZATIONAL LEADERSHIP 3.00 Credits**

This course is designed to offer students many opportunities of interaction to achieve the goals of an organization. Instruction will focus first on each student's personal knowledge, skills, and attitudes of organizational leadership and leadership examples. The purpose in learning about organizational leaders and leadership is to enable each student to become a better leader and follower. The objective is to provide a forum for the development of analysis, strategies, skills and techniques that promote successful leadership within organizations. As students develop the effective leadership skills, the course will focus on how that individual can effectively work within an organization's mission, structure and culture, members roles, rules, dynamics, and meeting management. Most of the focus will be on membership organizations.

**MKTPT-270 APPLIED MARKETING 3.00 Credits**

This course is designed to provide an avenue in which students will apply their broader business skills and training to a narrower, more detailed area of expertise. The content includes critical thinking, planning and strategy implementation, presentation skills and management decision-making. Course curriculum integrates curriculum and criteria of Delta Epsilon Chi competitive events including, Sports and Entertainment Marketing, Design, Sales Representatives, Advertising Campaign, and Web Site Development. Students may choose to enter their final project in DEC's annual conferences and competitions.

**MKTPT-290 DIRECTED STUDY IN MARKETING 1.00-6.00 Credits****MKTPT-291 WORKSHOP IN BUSINESS 1.00-6.00 Credits****MKTPT-292 SPECIAL TOPICS IN MARKETING 1.00-6.00 Credits****MKTPT-294 INTERNSHIP IN MARKETING 1.00-12.00 Credits****MKTPT-390 DIRECTED STUDY IN MARKETING 1.00-6.00 Credits****MKTPT-391 WORKSHOP IN MARKETING 1.00-6.00 Credits****MKTPT-392 SPECIAL TOPICS IN MARKETING 1.00-6.00 Credits****MKTPT-394 INTERNSHIP IN MARKETING 1.00-12.00 Credits****MKTPT-490 DIRECTED STUDY IN MARKETING 1.00-6.00 Credits****MKTPT-491 WORKSHOP IN MARKETING 1.00-6.00 Credits****MKTPT-492 SPECIAL TOPICS IN MARKETING 1.00-6.00 Credits****MKTPT-494 INTERNSHIP IN MARKETING 1.00-12.00 Credits**

## Academic Certificates

Students may earn an academic certificate while pursuing an Associate or Baccalaureate degree at LC State. The academic certificate will be awarded upon completion of the earned degree. If degree requirements are not met, the student will not earn an academic certificate. Federal financial aid is not available for students seeking a stand-alone academic certificate.

Non-degree-seeking students may opt to complete an academic certificate as a stand-alone credential if they have completed the required course prerequisites. Federal financial aid is not available for students seeking a stand-alone academic certificate.

## Applied Accounting Advanced Technical Certificate

Students in the Advanced Technical Certificate in Applied Accounting program will develop critical thinking skills and an understanding of the accounting process used to identify, record, report and analyze business transactions. The certificate program is intended for individuals that are already employed in an accounting or business capacity and wish to brush up on and strengthen their education and skill set.

Completion of a Technical Skills Assessment is required.

### General Education Core

Code	Title	Credits
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	3.00
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	3.00
MTHPT-130	FINITE MATHEMATICS	4.00
<b>Total Credits</b>		<b>10.00</b>

### Program Requirements

Code	Title	Credits
ACCPT-101	BASIC ACCOUNTING	3.00
ACCPT-105	PAYROLL ACCOUNTING	3.00
ACCPT-214	COMPUTERIZED ACCOUNTING	3.00
ACCPT/AC-231	PRINCIPLES OF ACCOUNTING I	3.00
ACCPT/AC-232	PRINCIPLES OF ACCOUNTING II	3.00
ACCPT-233	INTERMEDIATE ACCOUNTING	3.00
ACCPT-245	FRAUD EXAMINATION	3.00
ACCPT-260	ACCOUNTING INFORMATION SYSTEMS	3.00
ACCPT-294A	INTERNSHIP IN ACCOUNTING I	3.00
ACCPT-299	APPLIED ACCOUNTING CAPSTONE	1.00
GNBPT-110	BUSINESS COMPUTER SKILLS	3.00
GNBPT-112	EXCEL	3.00
MGTPT-101	INTRODUCTION TO BUSINESS	3.00
MGTPT-270	BUSINESS ETHICS	3.00
Completion of a Technical Skills Assessment is required		
<b>Total Credits</b>		<b>40.00</b>

## Entrepreneurship Certificate

LC State's entrepreneurship certificate will give individuals the knowledge and skills they need to identify new business opportunities and start a new business. It will also help those already managing a fledgling business. The courses in this program will provide an overview of general business concepts and include practice creating business plans. The courses in this certificate program will cover the marketing principles, the use of computerized small business accounting software, and explore e-commerce opportunities.

Upon completion of this program students will:

1. Demonstrate an understanding of the legal structures of business
2. Demonstrate an understanding of small business management principles
3. Understand basic marketing principles
4. Demonstrate the ability to perform bookkeeping in a computerized accounting system
5. Understand the importance of and be able to utilize electronic commerce applications

### Program Requirements

Code	Title	Credits
ACCPT-214	COMPUTERIZED ACCOUNTING	3.00
BUS-101	INTRODUCTION TO BUSINESS	3.00
BUS-261	SMALL BUSINESS/ENTREPRENEURIAL MGMT	3.00
BUS-321	PRINCIPLES OF MARKETING	3.00

CITPT-150	APPLICATIONS IN ELECTRONIC COMMERCE	3.00
<b>Total Credits</b>		<b>15.00</b>

## Marketing Management Certificate

The certificate in Marketing provides students with a background in marketing concepts, practices and issues. It is designed to prepare students with the skills necessary for success in the dynamic and highly competitive field of marketing. This program is intended for individuals seeking entry-level marketing career opportunities or who already are in an entry level position, as well as business professionals who want to update their skills in marketing. The certificate requires a total of 15 credits.

### Program Requirements

Code	Title	Credits
<b>Program Electives</b>		
BUS-321	PRINCIPLES OF MARKETING	3.00
BUS-421	MARKETING RESEARCH	3.00
BUS-428	MARKETING MANAGEMENT	3.00
BUS-482	INTERNATIONAL MARKETING	3.00
BUS-494	INTERNSHIP IN BUSINESS	3.00
<b>Total Credits</b>		<b>15.00</b>

## Sport Marketing Certificate

Designed for students and business professionals who are engaged in the dynamic field of marketing, the Sport Marketing Academic Certificate prepares individuals with the knowledge and skills needed to successfully engage in the marketing of sport goods and services.

### Program Requirements

Code	Title	Credits
<b>Program Electives</b>		
BUS-321	PRINCIPLES OF MARKETING	3.00
BUS-421	MARKETING RESEARCH	3.00
COMM-330	PROFESSIONAL COMMUNICATION	3.00
KIN-488	SPORT FACILITIES AND EVENT MANAGEMENT	3.00
KIN-489	SPORT MARKETING AND ADVERTISING	3.00
<b>Total Credits</b>		<b>15.00</b>

## Web Design & Social Media Certificate

Designed as an enhancement to a Bachelor's degree, this 9-credit certificate will introduce students to the fields of web design, social media, and web-based writing. Students will learn the foundations of web page creation, programming, and management. They will also learn how to create content for websites, blogging, social media, and other applications. Skills learned can be of use and value in personal, business, technological, and/or social applications.

### Program Requirements

Code	Title	Credits
Select 3 from the following:		
CITPT-101	INTRODUCTION TO WEB DESIGN & DEVELOPMEN	3.00
COMM-440	NEW MEDIA & COMMUNICATION	3.00
ENGL-304	WRITING FOR A DIGITAL AUDIENCE	3.00
PITPT-139	ADOBE PHOTOSHOP	3.00
<b>Total Credits</b>		<b>9.00</b>

# Web Design Intermediate Technical Certificate

The Web Design & Development program prepares students with the skills necessary for organizational web design, development, and management. Course work includes applying current trends in web technology, standards, and applications to real-world projects. Successful students will be able to work in development teams and effectively communicate in the web design and development industry.

Upon completion of this certificate, students will:

1. Describe and define the roles of a web designer and web developer
2. Demonstrate the ability to publish and update web sites and set up a domain
3. Construct and design a web page, site, and application using standards-driven HTML and CSS
4. Implement event-driven programming on a web page using JavaScript
5. Distinguish between content management systems and demonstrate their use and utility
6. Complete a web design and development portfolio
7. Demonstrate understanding of web-based graphic design, image editing, and design layout
8. Compare JavaScript frameworks and demonstrate their use in the building of a client-oriented web application
9. Research and describe solutions to customer requirements through a web development capstone project

Completion of a Technical Skills Assessment is required.

## General Education Requirements

Code	Title	Credits
<b>Oral Communication</b>		
Select one of the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-202	INTERPERSONAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	
<b>Social &amp; Behavioral Ways of Knowing</b>		
Select one of the following:		3.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	

HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	
POLS-101	AMERICAN NATIONAL GOVERNMENT	
POLS-237	INTERNATIONAL POLITICS	
POLS-285	COMPARATIVE GOVERNMENT	
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SOC-102	SOCIAL PROBLEMS	
SS-184	DIVERSITY IN ORGANIZATIONS	
SS-185	HUMAN RELATIONS IN ORGANIZATIONS	
<b>Total Credits</b>		<b>9.00-11.00</b>

## Program Requirements

Code	Title	Credits
CITPT-111/311	WEB DEVELOPMENT BASICS	3.00
CITPT-112/312	FUNDAMENTALS OF COMPUTER PROGRAMMING	3.00
CITPT-117/317	WEB DESIGN FUNDAMENTALS	3.00
CITPT-180/380	PORTFOLIO DESIGN	3.00
CITPT-217/417	ADVANCED WEB DESIGN	3.00
CITPT-265/465	IMAGE EDITING AND ILLUSTRATION	3.00
CITPT-275/475	WEB AUTHORING SYSTEMS	3.00
<b>Total Credits</b>		<b>21.00</b>

## Accounting BA/BS

The Accounting major provides students with the necessary competencies for careers in the accounting field. The program is based on the Common Body of Knowledge recommended by the Institute of Management Accountants (IMA). The curriculum provides students with the accounting and management skills to collect, analyze, and evaluate financial information, to integrate and effectively communicate financial and non-financial information, and to provide leadership to business enterprises through an awareness of the social, legal, economic, and ethical considerations that impact organizational decisions.

Accounting Program Outcomes:

1. Explain the major concepts in the functional areas of accounting, marketing, finance, and management.
2. Evaluate the legal, social, and economic environments of business.
3. Describe the global environment of business.
4. Describe and explain the ethical obligations and responsibilities of business.
5. Apply decision-support tools to business decision making.
6. Construct the present effective oral and written forms of professional communication.
7. Apply knowledge of business concepts and functions in an integrated manner.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one of the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		

Select one of the following: 3.00-5.00

MATH-123	MATH IN MODERN SOCIETY
MATH-130	FINITE MATHEMATICS
MATH-143	COLLEGE ALGEBRA
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY
MATH-153	STATISTICAL REASONING
MATH-170	CALCULUS I
MATH-253	STATISTICAL METHODS FOR THE SCIENCES
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II
MTHPT-130	FINITE MATHEMATICS
MTHPT-137	MATH FOR TECHNOLOGY
MTHPT-153	STATISTICAL REASONING

### Humanistic & Artistic Ways of Knowing

Select one of the following: 6.00-8.00

#### Literature

ENGL-175	LITERATURE AND IDEAS
ENGL-257	WORLD CLASSICS
ENGL-258	INTERNATIONAL LITERATURE
ENGL-260	NATIVE AMERICAN LITERATURE
ENGL-261	MYTHOLOGIES

#### Arts

ART-100	INTRODUCTION TO ART
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE
HUM-150	INTRODUCTION TO THE ARTS
MUS-101	SURVEY OF MUSIC
MUS-102	MUSIC IN AMERICA
MUS-150	WORLD MUSIC
MUS-151	HISTORY OF MUSICAL THEATER
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES
THEA-101	SURVEY OF THE THEATER

#### Language

NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II

### Scientific Ways of Knowing

Select one course from two disciplines; one lab 7.00-8.00

BIOF-100	INTRODUCTION TO BIOINFORMATICS
BIOL-100	CONCEPTS OF BIOLOGY
BIOL-120	PLANTS AND PEOPLE
BIOL-123	BIOLOGY IN FILM
BIOL-175	HUMAN BIOLOGY
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I
CHEM-100	CONCEPTS OF CHEMISTRY
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY
CHEM-111	PRINCIPLES OF CHEMISTRY I
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE
CS-108	INTRODUCTION TO COMPUTER SCIENCE
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOL-101	PHYSICAL GEOLOGY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS

ID-240	INTEGRATED SCIENCE II
NS-140	INTEGRATED SCIENCE I
NS-150	INTRODUCTION TO NATURAL SCIENCES
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR
PHYS-111	GENERAL PHYSICS I
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS
PHYS-205	DESCRIPTIVE ASTRONOMY
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I

**Social & Behavioral Ways of Knowing**

Select one course from two disciplines: 6.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ECON-202	PRINCIPLES OF MICROECONOMICS
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS

**Diversity**

Select one of the following: 3.00-4.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ANTH-360	RACE AND ETHNICITY
COMM-345	INTERCULTURAL COMMUNICATION
ENGL-258	INTERNATIONAL LITERATURE
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
ID-300C	ETHICS AND IDENTITY
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
POLS-285	COMPARATIVE GOVERNMENT
SOC-101	INTRODUCTION TO SOCIOLOGY
SPAN-101	ELEMENTARY SPANISH I



SPAN-102	ELEMENTARY SPANISH II	
SPAN-201	INTERMEDIATE SPANISH I	
SPAN-202	INTERMEDIATE SPANISH II	
SS-184	DIVERSITY IN ORGANIZATIONS	
<b>Integrative Seminar: Ethics &amp; Values</b>		
Select one of the following:		3.00
ID 300A - 300Z (see course descriptions for options)		
ID-301A	HELLS CANYON INSTITUTE	

## Program Requirements

Code	Title	Credits
<b>Major Courses</b>		
AC-231	PRINCIPLES OF ACCOUNTING I	3.00
AC-232	PRINCIPLES OF ACCOUNTING II	3.00
BUS-101	INTRODUCTION TO BUSINESS	3.00
BUS-220	BUSINESS COMMUNICATIONS	3.00
BUS-221	INTRODUCTION TO COMPUTERS/INFO SYSTEMS	3.00
ECON-201	PRINCIPLES OF MACROECONOMICS (Take both courses, one as core)	3.00
or ECON-202	PRINCIPLES OF MICROECONOMICS	
ECON/PSYC/SS-300	STATISTICAL METHODS	3.00
<b>Upper Division Courses</b>		
AC-331	INTERMEDIATE ACCOUNTING I	3.00
AC-332	INTERMEDIATE ACCOUNTING II	3.00
AC-385	MANAGERIAL AND COST ACCOUNTING I	3.00
AC-483	TAX LAW I	3.00
AC-484	TAX LAW II	3.00
AC-485	AUDITING CONCEPTS	3.00
BUS-301	FINANCIAL MANAGEMENT	3.00
BUS-311	FOUNDATIONS OF MANAGEMENT THEORY	3.00
BUS-321	PRINCIPLES OF MARKETING	3.00
BUS-355	INFORMATION SYSTEMS FOR MANAGERS	3.00
BUS-365	BUSINESS LAW I	3.00
BUS-370	PRODUCTION AND OPERATIONS MANAGEMENT	3.00
BUS-380	INTERNATIONAL BUSINESS	3.00
or BUS-482	INTERNATIONAL MARKETING	
BUS-412	HUMAN RESOURCE MANAGEMENT	3.00
BUS-498	SENIOR STRATEGIC SEMINAR	3.00
ECON-465	INTERNATIONAL ECONOMICS	3.00
<b>Accounting Electives</b>		
Select 6 elective credits at the 300/400 level		6.00
<b>Experiential Component</b>		
Select one of the following:		3.00
AC-294	INTERNSHIP IN ACCOUNTING	
AC-394	INTERNSHIP IN ACCOUNTING	
AC-494	INTERNSHIP IN ACCOUNTING	
BUS-346	NONPROFIT MANAGEMENT	
BUS-421	MARKETING RESEARCH	
<b>Electives</b>		
Select 5 elective credits		5.00
<b>Total Credits</b>		<b>83.00</b>

Students must earn at least a "C-" in MATH, ECON, and PSYC-101.

Students must earn at least a "C-" in all major courses. Students must also earn at least a 2.5 grade point average in all business courses combined, including Accounting and Economics.

## Sequential Plan of Study

### First Year

FALL		CREDITS
BUS-101	INTRODUCTION TO BUSINESS	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Mathematical Ways of Knowing	3.00
CORE	Oral Communication	3.00
<b>Credits</b>		<b>15.00</b>
SPRING		
CORE	Scientific Ways of Knowing	3.00
CORE	Diversity	3.00
ENGL-102	WRITING AND RHETORIC II	3.00
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>

### Second Year

FALL		CREDITS
AC-231	PRINCIPLES OF ACCOUNTING I	3.00
BUS-220	BUSINESS COMMUNICATIONS	3.00
CORE	Scientific Ways of Knowing	4.00
ECON-201	PRINCIPLES OF MACROECONOMICS	3.00
<b>Credits</b>		<b>13.00</b>
SPRING		
AC-232	PRINCIPLES OF ACCOUNTING II	3.00
BUS-221	INTRODUCTION TO COMPUTERS/INFO SYSTEMS	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
ECON-202	PRINCIPLES OF MICROECONOMICS	3.00
Elective	Elective Credits	2.00
<b>Credits</b>		<b>14.00</b>

### Third Year

FALL		CREDITS
AC-331	INTERMEDIATE ACCOUNTING I	3.00
AC-385	MANAGERIAL AND COST ACCOUNTING I	3.00
BUS-311	FOUNDATIONS OF MANAGEMENT THEORY	3.00
BUS-321	PRINCIPLES OF MARKETING	3.00
BUS-365	BUSINESS LAW I	3.00
ECON-300	STATISTICAL METHODS	3.00
<b>Credits</b>		<b>18.00</b>
SPRING		
AC-332	INTERMEDIATE ACCOUNTING II	3.00
BUS-301	FINANCIAL MANAGEMENT	3.00
BUS-355	INFORMATION SYSTEMS FOR MANAGERS	3.00
BUS-370	PRODUCTION AND OPERATIONS MANAGEMENT	3.00
BUS-380 or BUS-482	INTERNATIONAL BUSINESS or INTERNATIONAL MARKETING	3.00
<b>Credits</b>		<b>15.00</b>

**Fourth Year**

<b>FALL</b>		
AC-483	TAX LAW I	3.00
AC-485	AUDITING CONCEPTS	3.00
AC	AC 300/400 Level	3.00
ECON-465	INTERNATIONAL ECONOMICS	3.00
BUS	Experiential Component <sup>1</sup>	3.00
<b>Credits</b>		<b>15.00</b>
<b>SPRING</b>		
AC-484	TAX LAW II	3.00
AC	AC 300/400 Level	3.00
BUS-412	HUMAN RESOURCE MANAGEMENT	3.00
BUS-498	SENIOR STRATEGIC SEMINAR	3.00
CORE	Integrative Seminar: Ethics & Values	3.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>120.00</b>

<sup>1</sup> Experiential Component: Select one from the following course options: AC-294, BUS-346, AC-394, BUS-421, or AC-494.

Graduates with a BA/BS in Accounting go on to obtain careers in a variety of fields:

- Auditing
- Certified Public Accounting
- Cost Accounting
- Economics
- Financial Planning
- Forensic/Investigative Accounting
- Management Accounting
- Tax

## Applied Accounting AAS

Students in the Associate of Applied Science in Bookkeeping/ Applied Accounting program will develop critical thinking skills and an understanding of the accounting process used to identify, record, report and analyze business transactions. This skill set is required for a variety of technical and specialist accounting positions such as a financial specialist, payroll technician, accounts receivable/payable technician, bookkeeper, and small business owner. These positions are needed in all business sizes and types across an unlimited number of industries. Individuals trained at the technical and specialist levels are becoming increasingly more important in organizations as national and international accounting regulations increase and converge.

Completion of a Technical Skills Assessment is required.

## General Education Requirements

<b>Code</b>	<b>Title</b>	<b>Credits</b>
<b>Written Communication</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
<b>Oral Communication</b>		
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	3.00
<b>Mathematical Ways of Knowing</b>		
MTHPT-130	FINITE MATHEMATICS	3.00
<b>Social &amp; Behavioral Ways of Knowing</b>		
Select one of the following:		3.00
ECON-201	PRINCIPLES OF MACROECONOMICS	
or ECON-202	PRINCIPLES OF MICROECONOMICS	
HRPT/SS-185	HUMAN RELATIONS IN ORGANIZATIONS	
<b>Additional General Education Courses</b>		

Select one of the following:		3.00-5.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ANTH-360	RACE AND ETHNICITY	
ART-100	INTRODUCTION TO ART	
BIOF-100	INTRODUCTION TO BIOINFORMATICS	
BIOL-100	CONCEPTS OF BIOLOGY	
BIOL-120	PLANTS AND PEOPLE	
BIOL-123	BIOLOGY IN FILM	
BIOL-175	HUMAN BIOLOGY	
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	
CHEM-100	CONCEPTS OF CHEMISTRY	
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	
CHEM-111	PRINCIPLES OF CHEMISTRY I	
CITPT/CS-108	INTRODUCTION TO COMPUTER SCIENCE	
COMM-345	INTERCULTURAL COMMUNICATION	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
ENGL-102	WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE	
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
GEOL-101	PHYSICAL GEOLOGY	
GEOL-120	INTRODUCTION TO EARTH SYSTEMS	
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
ID-240	INTEGRATED SCIENCE II	
ID-300A - 300Z	(see course descriptions for options)	
ID-301A	HELLS CANYON INSTITUTE	
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
NS-140	INTEGRATED SCIENCE I	
NS-150	INTRODUCTION TO NATURAL SCIENCES	
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR	
PHYS-111	GENERAL PHYSICS I	

or PHYS-112	GENERAL PHYSICS II
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS
PHYS-205	DESCRIPTIVE ASTRONOMY
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
THEA-101	SURVEY OF THE THEATER

**Total Credits****15.00-17.00**

## Program Requirements

Code	Title	Credits
ACCPT-101	BASIC ACCOUNTING	3.00
ACCPT-105	PAYROLL ACCOUNTING	3.00
ACCPT-214	COMPUTERIZED ACCOUNTING	3.00
ACCPT-231	PRINCIPLES OF ACCOUNTING I	3.00
ACCPT-232	PRINCIPLES OF ACCOUNTING II	3.00
ACCPT-233	INTERMEDIATE ACCOUNTING	3.00
or AC-331	INTERMEDIATE ACCOUNTING I	
ACCPT-235	COST ACCOUNTING	3.00
or AC-385	MANAGERIAL AND COST ACCOUNTING I	
ACCPT-245	FRAUD EXAMINATION	3.00
or AC-345	FRAUD EXAMINATION	
ACCPT-260	ACCOUNTING INFORMATION SYSTEMS	3.00
or AC-340	ACCOUNTING INFORMATION SYSTEMS	
ACCPT-294A	INTERNSHIP IN ACCOUNTING I	3.00
GNBPT-110	BUSINESS COMPUTER SKILLS	3.00
GNBPT-112	EXCEL	3.00
MGTPT-101	INTRODUCTION TO BUSINESS	3.00
MGTPT-270	BUSINESS ETHICS	3.00
Select one from the following:		3.00
ACCPT-234	MANAGERIAL ACCOUNTING FOR THE HOSPITALITY INDUSTRY	
ACCPT-236	MANAGEMENT ACCOUNTING IN HEALTHCARE ORGANIZATIONS	
ACCPT-280	AUDITING	

Completion of a Technical Skills Assessment is required

**Total Credits****45.00**

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ACCPT-101	BASIC ACCOUNTING I	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
GNBPT-110	BUSINESS COMPUTER SKILLS	3.00

MGTPT-101	INTRODUCTION TO BUSINESS	3.00
MTHPT-130	FINITE MATHEMATICS	4.00
<b>Credits</b>		<b>16.00</b>
<b>Spring</b>		
AC-231	PRINCIPLES OF ACCOUNTING I	3.00
ACCPT-105	PAYROLL ACCOUNTING	3.00
ACCPT-214	COMPUTERIZED ACCOUNTING I	3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	3.00
GNBPT-112	EXCEL	3.00
<b>Credits</b>		<b>15.00</b>
<b>Second Year</b>		
<b>Fall</b>		
AC-232	PRINCIPLES OF ACCOUNTING II	3.00
ACCPT-260 or AC-340	ACCOUNTING INFORMATION SYSTEMS or ACCOUNTING INFORMATION SYSTEMS	3.00
MGTPT-270	BUSINESS ETHICS	3.00
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	3.00
Program Requirement	ACCPT-234, ACCPT-236 or ACCPT-280	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
ACCPT-233 or AC-331	Course ACCPT-233 Not Found or INTERMEDIATE ACCOUNTING I	3.00
ACCPT-235 or AC-385	COST ACCOUNTING or MANAGERIAL AND COST ACCOUNTING I	3.00
ACCPT-245 or AC-345	Course ACCPT-245 Not Found or FRAUD EXAMINATION	3.00
ACCPT-294A	INTERNSHIP IN BOOKKEEPING I	3.00
CORE	Additional General Education Course	3.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>61.00</b>

Graduates with an AAS degree from the Applied Accounting program go on to achieve careers in a variety of areas including:

- Bookkeeper
- Accounting Assistant
- Payroll Clerk
- Accounting Technician
- Auditing Clerk
- Accounts Payable or Accounts Receivable Administrator

## Bachelor of Applied Science

The Bachelor of Applied Science (BAS) is designed for individuals who have completed an Associate of Applied Science (AAS) degree from a regionally accredited institution. The BAS degree area allows individuals additional education to strengthen or advance their current training to provide opportunities for career advancement.

As part of the BAS curriculum, students work in conjunction with their advisor, to develop a degree plan tailored to their academic and professional goals. Degree plans may include singular or multiple interdisciplinary upper division coursework of any academic content areas.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	

ENGL-109	COLLEGE WRITING AND RESEARCH	
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**Oral Communication**

Select one from the following:		3.00
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COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	

**Mathematical Ways of Knowing**

Select one of the following:		3.00-5.00
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MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	

**Humanistic & Artistic Ways of Knowing**

Select one course from two categories:		6.00-8.00
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**Literature**

ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	

**Arts**

ART-100	INTRODUCTION TO ART	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES	
THEA-101	SURVEY OF THE THEATER	

**Language**

NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	

**Scientific Ways of Knowing**

Select one course from two disciplines; one lab		7.00-8.00
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BIOF-100	INTRODUCTION TO BIOINFORMATICS	
BIOL-100	CONCEPTS OF BIOLOGY	
BIOL-120	PLANTS AND PEOPLE	
BIOL-123	BIOLOGY IN FILM	
BIOL-175	HUMAN BIOLOGY	
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	
CHEM-100	CONCEPTS OF CHEMISTRY	
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	

CHEM-111	PRINCIPLES OF CHEMISTRY I
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE
CS-108	INTRODUCTION TO COMPUTER SCIENCE
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOL-101	PHYSICAL GEOLOGY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
ID-240	INTEGRATED SCIENCE II
NS-140	INTEGRATED SCIENCE I
NS-150	INTRODUCTION TO NATURAL SCIENCES <sup>1</sup>
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR
PHYS-111 or PHYS-112	GENERAL PHYSICS I GENERAL PHYSICS II
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS
PHYS-205	DESCRIPTIVE ASTRONOMY
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I

**Social & Behavioral Ways of Knowing**

Select one course from two disciplines: 6.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ECON-201	PRINCIPLES OF MACROECONOMICS
ECON-202	PRINCIPLES OF MICROECONOMICS
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS

**Diversity**

Select one of the following: 3.00-4.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ANTH-360	RACE AND ETHNICITY
COMM-345	INTERCULTURAL COMMUNICATION
ENGL-258	INTERNATIONAL LITERATURE
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I



HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
ID-300C	ETHICS AND IDENTITY
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
POLS-285	COMPARATIVE GOVERNMENT
SOC-101	INTRODUCTION TO SOCIOLOGY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
SS-184	DIVERSITY IN ORGANIZATIONS

**Integrative Seminar: Ethics & Values**

Select one of the following: 3.00

ID 300A - 300Z (see course descriptions for options)

ID-301A HELLS CANYON INSTITUTE

**Foreign/Heritage Language**

Select 16 credits of language if selecting Bachelor of Arts Degree 16.00

**Total Credits****37.00-43.00**

## Program Requirements

Code	Title	Credits
	50 credits from an earned Associates Degree	50.00
	Select a minimum of 33 credits at the 300/400 level	33.00
	12 credits must be from an approved Internship	
<b>Total Credits</b>		<b>83.00</b>

## Business BAS

The BAS in Business program is available to students who have completed an AAS in a technical or business related field. Students will be required to complete some additional general education courses, core business classes, and upper division electives for this 120 credit program. Completion of this degree will prepare students to manage or open their own businesses.

Business Program Outcomes:

1. Explain the major concepts in the functional areas of accounting, marketing, finance, and management.
2. Evaluate the legal, social, and economic environments of business.
3. Describe the global environment of business.
4. Describe and explain the ethical obligations and responsibilities of business.
5. Apply decision-support tools to business decision making.
6. Construct the present effective oral and written forms of professional communication.
7. Apply knowledge of business concepts and functions in an integrated manner.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
	Select one of the following:	6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
	Select one from the following:	3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	

COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Arts</b>		
ART-100	INTRODUCTION TO ART	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES	
THEA-101	SURVEY OF THE THEATER	
<b>Language</b>		
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
<b>Scientific Ways of Knowing</b>		
Select one course from two disciplines; one lab		7.00-8.00
BIOF-100	INTRODUCTION TO BIOINFORMATICS	
BIOL-100	CONCEPTS OF BIOLOGY	
BIOL-120	PLANTS AND PEOPLE	
BIOL-123	BIOLOGY IN FILM	
BIOL-175	HUMAN BIOLOGY	
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	
CHEM-100	CONCEPTS OF CHEMISTRY	
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	
CHEM-111	PRINCIPLES OF CHEMISTRY I	
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE	
CS-108	INTRODUCTION TO COMPUTER SCIENCE	
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE	

GEOL-101	PHYSICAL GEOLOGY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
ID-240	INTEGRATED SCIENCE II
NS-140	INTEGRATED SCIENCE I
NS-150	INTRODUCTION TO NATURAL SCIENCES <sup>1</sup>
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR
PHYS-111 or PHYS-112	GENERAL PHYSICS I GENERAL PHYSICS II
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS
PHYS-205	DESCRIPTIVE ASTRONOMY
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I

**Social & Behavioral Ways of Knowing**

Select one course from two disciplines: 6.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ECON-201	PRINCIPLES OF MACROECONOMICS
ECON-202	PRINCIPLES OF MICROECONOMICS
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS

**Diversity**

Select one of the following: 3.00-4.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ANTH-360	RACE AND ETHNICITY
COMM-345	INTERCULTURAL COMMUNICATION
ENGL-258	INTERNATIONAL LITERATURE
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
ID-300C	ETHICS AND IDENTITY
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS

NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
POLS-285	COMPARATIVE GOVERNMENT	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
SPAN-201	INTERMEDIATE SPANISH I	
SPAN-202	INTERMEDIATE SPANISH II	
SS-184	DIVERSITY IN ORGANIZATIONS	
<b>Integrative Seminar: Ethics &amp; Values</b>		
Select one of the following:		3.00
ID 300A - 300Z (see course descriptions for options)		
ID-301A	HELLS CANYON INSTITUTE	
<b>Foreign/Heritage Language</b>		
Select 16 credits of language if selecting Bachelor of Arts Degree		16.00
<b>Total Credits</b>		<b>37.00-43.00</b>

## Program Requirements

Code	Title	Credits
AAS Minimum 50 credits in specialized content area of which 15-18 credits are General Education.		50.00
<b>Major Courses</b>		
AC-231	PRINCIPLES OF ACCOUNTING I	3.00
AC-232	PRINCIPLES OF ACCOUNTING II	3.00
BUS-301	FINANCIAL MANAGEMENT	3.00
BUS-311	FOUNDATIONS OF MANAGEMENT THEORY	3.00
BUS-321	PRINCIPLES OF MARKETING	3.00
BUS-370	PRODUCTION AND OPERATIONS MANAGEMENT	3.00
BUS-394/494	INTERNSHIP IN BUSINESS	6.00
BUS-498	SENIOR STRATEGIC SEMINAR	3.00
ECON-201	PRINCIPLES OF MACROECONOMICS (Take both, one as core)	3.00
or ECON-202	PRINCIPLES OF MICROECONOMICS	
ECON/PSYC/SS-300	STATISTICAL METHODS	3.00
<b>Total Credits</b>		<b>83.00</b>

Students must earn at least a "C-" in MATH, ECON, and PSYC-101.

Students must earn at least a "C-" in all major courses. Students must also earn at least a 2.5 grade point average in all business courses combined, including Accounting and Economics.

## Business Administration AS

The Associate of Science degree in Business Administration provides students with a general business curriculum including coursework in each of the content areas of business. Students are strongly urged to obtain an Associate degree prior to continuing on to earn a bachelor degree and transferring to another school.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101	WRITING AND RHETORIC I	
& ENGL-102	and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one of the following:		3.00

COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION
COMM-203	SMALL GROUP COMMUNICATION
COMM-204	PUBLIC SPEAKING

#### Mathematical Ways of Knowing

Select one of the following: 3.00-5.00

MATH-123	MATH IN MODERN SOCIETY
MATH-130	FINITE MATHEMATICS
MATH-143	COLLEGE ALGEBRA
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY
MATH-153	STATISTICAL REASONING
MATH-170	CALCULUS I
MATH-253	STATISTICAL METHODS FOR THE SCIENCES
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II
MTHPT-130	FINITE MATHEMATICS
MTHPT-137	MATH FOR TECHNOLOGY
MTHPT-153	STATISTICAL REASONING

#### Humanistic & Artistic Ways of Knowing

Select one of the following: 6.00-8.00

##### Literature

ENGL-175	LITERATURE AND IDEAS
ENGL-257	WORLD CLASSICS
ENGL-258	INTERNATIONAL LITERATURE
ENGL-260	NATIVE AMERICAN LITERATURE
ENGL-261	MYTHOLOGIES

##### Arts

ART-100	INTRODUCTION TO ART
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE
HUM-150	INTRODUCTION TO THE ARTS
MUS-101	SURVEY OF MUSIC
MUS-102	MUSIC IN AMERICA
MUS-150	WORLD MUSIC
MUS-151	HISTORY OF MUSICAL THEATER
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES
THEA-101	SURVEY OF THE THEATER

##### Language

NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II

#### Scientific Ways of Knowing

Select one course from two disciplines; one lab 7.00-8.00

BIOF-100	INTRODUCTION TO BIOINFORMATICS
BIOL-100	CONCEPTS OF BIOLOGY
BIOL-120	PLANTS AND PEOPLE
BIOL-123	BIOLOGY IN FILM
BIOL-175	HUMAN BIOLOGY
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I
CHEM-100	CONCEPTS OF CHEMISTRY
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY
CHEM-111	PRINCIPLES OF CHEMISTRY I
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE
CS-108	INTRODUCTION TO COMPUTER SCIENCE

FSCI-101	INTRODUCTION TO FORENSIC SCIENCE	
GEOL-101	PHYSICAL GEOLOGY	
GEOL-120	INTRODUCTION TO EARTH SYSTEMS	
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS	4.00
ID-240	INTEGRATED SCIENCE II	
NS-140	INTEGRATED SCIENCE I	
NS-150	INTRODUCTION TO NATURAL SCIENCES	
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR	
PHYS-111	GENERAL PHYSICS I	
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS	
PHYS-205	DESCRIPTIVE ASTRONOMY	
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I	

**Social & Behavioral Ways of Knowing**

Select one course from two disciplines: 6.00

ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	
POLS-101	AMERICAN NATIONAL GOVERNMENT	
POLS-237	INTERNATIONAL POLITICS	
POLS-285	COMPARATIVE GOVERNMENT	
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SOC-102	SOCIAL PROBLEMS	
SS-184	DIVERSITY IN ORGANIZATIONS	
SS-185	HUMAN RELATIONS IN ORGANIZATIONS	

**Diversity**

Select one of the following: 3.00-4.00

ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ANTH-360	RACE AND ETHNICITY	
COMM-345	INTERCULTURAL COMMUNICATION	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
ID-300C	ETHICS AND IDENTITY	
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS	
NP-101	NEZ PERCE LANGUAGE AND CULTURE	

NP-102	NEZ PERCE LANGUAGE AND HISTORY	
POLS-285	COMPARATIVE GOVERNMENT	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
SPAN-201	INTERMEDIATE SPANISH I	
SPAN-202	INTERMEDIATE SPANISH II	
SS-184	DIVERSITY IN ORGANIZATIONS	
<b>Integrative Seminar: Ethics &amp; Values</b>		
Select one of the following:		3.00
ID 300A - 300Z (see course descriptions for options)		
ID-301A	HELLS CANYON INSTITUTE	

## Program Requirements

Code	Title	Credits
<b>Major Courses</b>		
AC-231	PRINCIPLES OF ACCOUNTING I	3.00
AC-232	PRINCIPLES OF ACCOUNTING II	3.00
BUS-101	INTRODUCTION TO BUSINESS	3.00
BUS-221	INTRODUCTION TO COMPUTERS/INFO SYSTEMS	3.00
Select one from the following:		3.00
BUS-220	BUSINESS COMMUNICATIONS	
COMM-330	PROFESSIONAL COMMUNICATION	
ENGL-203	TECHNICAL WRITING	
<b>Upper Division Courses</b>		
BUS-311	FOUNDATIONS OF MANAGEMENT THEORY	3.00
BUS-321	PRINCIPLES OF MARKETING	3.00
BUS-365	BUSINESS LAW I	3.00
<b>Total Credits</b>		<b>24.00</b>

Students must earn at least a "C-" in all major courses.

Student must earn at least a 2.5 grade point average in all business courses combined, including accounting and economics

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
CORE	Mathematical Ways of Knowing	3.00
CORE	Oral Communication	3.00
CORE	Scientific Ways of Knowing	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
BUS-101	INTRODUCTION TO BUSINESS	3.00
CORE	Diversity	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
ECON-201 or ECON-202	PRINCIPLES OF MACROECONOMICS or PRINCIPLES OF MICROECONOMICS	3.00
ENGL-102	WRITING AND RHETORIC II	3.00
<b>Credits</b>		<b>15.00</b>

**Second Year****Fall**

AC-231	PRINCIPLES OF ACCOUNTING I	3.00
BUS-311	FOUNDATIONS OF MANAGEMENT THEORY	3.00
CORE	Scientific Ways of Knowing	4.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
Program Requirement	BUS-220, COMM-330 or ENGL-203	3.00
<b>Credits</b>		<b>16.00</b>

**Spring**

AC-232	PRINCIPLES OF ACCOUNTING II	3.00
BUS-221	INTRODUCTION TO COMPUTERS/INFO SYSTEMS	3.00
BUS-365	BUSINESS LAW I	3.00
BUS-321	PRINCIPLES OF MARKETING	3.00
CORE	Integrative Seminar: Ethics & Values	3.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>61.00</b>

Graduates with an AS in Business Administration go on to obtain careers in a variety of fields:

- Management
- Manufacturing
- Marketing Assistant
- Retail Operations
- Supervision

## Business Administration BA/BS

The Business Administration major<sup>1</sup> is designed to provide an in-depth study of business as a career discipline. This major provides students with the necessary management competencies to enable them to be successful in the business environment. With the electives, students can focus their degree on accounting, management, marketing, economics, or select courses in different areas. Students declared as Business Administration majors are not authorized to pursue a second baccalaureate degree in Business Management.

Business Administration Program Outcomes:

1. Explain the major concepts in the functional areas of accounting, marketing, finance, and management.
2. Evaluate the legal, social, and economic environments of business.
3. Describe the global environment of business.
4. Describe and explain the ethical obligations and responsibilities of business.
5. Apply decision-support tools to business decision making.
6. Construct the present effective oral and written forms of professional communication.
7. Apply knowledge of business concepts and functions in an integrated manner.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one of the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		



Select one of the following: 3.00-5.00

MATH-123	MATH IN MODERN SOCIETY
MATH-130	FINITE MATHEMATICS
MATH-143	COLLEGE ALGEBRA
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY
MATH-153	STATISTICAL REASONING
MATH-170	CALCULUS I
MATH-253	STATISTICAL METHODS FOR THE SCIENCES
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II
MTHPT-130	FINITE MATHEMATICS
MTHPT-137	MATH FOR TECHNOLOGY
MTHPT-153	STATISTICAL REASONING

### Humanistic & Artistic Ways of Knowing

Select one of the following: 6.00-8.00

#### Literature

ENGL-175	LITERATURE AND IDEAS
ENGL-257	WORLD CLASSICS
ENGL-258	INTERNATIONAL LITERATURE
ENGL-260	NATIVE AMERICAN LITERATURE
ENGL-261	MYTHOLOGIES

#### Arts

ART-100	INTRODUCTION TO ART
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE
HUM-150	INTRODUCTION TO THE ARTS
MUS-101	SURVEY OF MUSIC
MUS-102	MUSIC IN AMERICA
MUS-150	WORLD MUSIC
MUS-151	HISTORY OF MUSICAL THEATER
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES
THEA-101	SURVEY OF THE THEATER

#### Language

NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II

### Scientific Ways of Knowing

Select one course from two disciplines; one lab 7.00-8.00

BIOF-100	INTRODUCTION TO BIOINFORMATICS
BIOL-100	CONCEPTS OF BIOLOGY
BIOL-120	PLANTS AND PEOPLE
BIOL-123	BIOLOGY IN FILM
BIOL-175	HUMAN BIOLOGY
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I
CHEM-100	CONCEPTS OF CHEMISTRY
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY
CHEM-111	PRINCIPLES OF CHEMISTRY I
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE
CS-108	INTRODUCTION TO COMPUTER SCIENCE
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOL-101	PHYSICAL GEOLOGY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS

ID-240	INTEGRATED SCIENCE II
NS-140	INTEGRATED SCIENCE I
NS-150	INTRODUCTION TO NATURAL SCIENCES
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR
PHYS-111	GENERAL PHYSICS I
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS
PHYS-205	DESCRIPTIVE ASTRONOMY
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I

**Social & Behavioral Ways of Knowing**

Select one course from two disciplines: 6.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ECON-202	PRINCIPLES OF MICROECONOMICS
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS

**Diversity**

Select one of the following: 3.00-4.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ANTH-360	RACE AND ETHNICITY
COMM-345	INTERCULTURAL COMMUNICATION
ENGL-258	INTERNATIONAL LITERATURE
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
ID-300C	ETHICS AND IDENTITY
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
POLS-285	COMPARATIVE GOVERNMENT
SOC-101	INTRODUCTION TO SOCIOLOGY
SPAN-101	ELEMENTARY SPANISH I

SPAN-102	ELEMENTARY SPANISH II	
SPAN-201	INTERMEDIATE SPANISH I	
SPAN-202	INTERMEDIATE SPANISH II	
SS-184	DIVERSITY IN ORGANIZATIONS	
<b>Integrative Seminar: Ethics &amp; Values</b>		
Select one of the following:		3.00
ID 300A - 300Z (see course descriptions for options)		
ID-301A	HELLS CANYON INSTITUTE	

## Program Requirements

Code	Title	Credits
<b>Major Courses</b>		
AC-231	PRINCIPLES OF ACCOUNTING I	3.00
AC-232	PRINCIPLES OF ACCOUNTING II	3.00
BUS-101	INTRODUCTION TO BUSINESS	3.00
BUS-220	BUSINESS COMMUNICATIONS	3.00
BUS-221	INTRODUCTION TO COMPUTERS/INFO SYSTEMS	3.00
ECON-201	PRINCIPLES OF MACROECONOMICS (Take both, one as core)	3.00
or ECON-202	PRINCIPLES OF MICROECONOMICS	
ECON/PSYC/SS-300	STATISTICAL METHODS	3.00
<b>Upper Division Courses</b>		
BUS-301	FINANCIAL MANAGEMENT	3.00
BUS-311	FOUNDATIONS OF MANAGEMENT THEORY	3.00
BUS-321	PRINCIPLES OF MARKETING	3.00
BUS-355	INFORMATION SYSTEMS FOR MANAGERS	3.00
BUS-365	BUSINESS LAW I	3.00
BUS-370	PRODUCTION AND OPERATIONS MANAGEMENT	3.00
BUS-412	HUMAN RESOURCE MANAGEMENT	3.00
BUS-498	SENIOR STRATEGIC SEMINAR	3.00
Select one of the following:		3.00
BUS-380	INTERNATIONAL BUSINESS	
BUS-482	INTERNATIONAL MARKETING	
ECON-465	INTERNATIONAL ECONOMICS	
<b>Experiential Component</b>		
Select one of the following:		3.00
BUS-294	INTERNSHIP IN BUSINESS	
BUS-346	NONPROFIT MANAGEMENT	
BUS-394	INTERNSHIP IN BUSINESS	
BUS-405	ENTREPRENEURSHIP	
BUS-421	MARKETING RESEARCH	
BUS-494	INTERNSHIP IN BUSINESS	
<b>Emphasis</b>		
Select one of the following emphasis:		32.00
<b>Business Administration Emphasis</b>		
<b>Business Electives</b>		
Select 9 credits of BUS 300/400 level		
<b>Electives</b>		
Select 23 elective credits		
<b>Healthcare Management Emphasis</b>		
NU-413	PROFESSIONAL ROLE DEVELOPMENT III: MANAGER/COORDINATOR OF CARE	
NU-414	PROFESSIONAL ROLE DEVELOPMENT IV: MEMBER OF THE PROFESSION	
NU-447	EVIDENCE BASED PRACTICE FOR NURSING	

NU-482	HEALTHCARE POLICY	
NU-484	HEALTHCARE ECONOMICS	
NU-494	INTERNSHIP IN NURSING	
<b>Electives</b>		
Select 20 elective credits		
<b>Total Credits</b>		<b>83.00</b>

Students must earn at least a "C-" in Math, ECON, and PSYC-101.

Students must earn at least a "C-" in all major courses, however, NU courses require a minimum grade of 'C'. Students must also earn at least a 2.5 grade point average in all business courses combined, including Accounting and Economics.

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
BUS-101	INTRODUCTION TO BUSINESS	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Mathematical Ways of Knowing	3.00
CORE	Oral Communication	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
ENGL-102	WRITING AND RHETORIC II	3.00
CORE	Scientific Ways of Knowing	3.00
CORE	Diversity	3.00
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Second Year</b>		
<b>Fall</b>		
AC-231	PRINCIPLES OF ACCOUNTING I	3.00
CORE	Scientific Ways of Knowing	4.00
ECON-201	PRINCIPLES OF MACROECONOMICS	3.00
Program Requirement	BUS-220, COMM-330 or ENGL-203	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>16.00</b>
<b>Spring</b>		
AC-232	PRINCIPLES OF ACCOUNTING II	3.00
BUS-221	INTRODUCTION TO COMPUTERS/INFO SYSTEMS	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
ECON-202	PRINCIPLES OF MICROECONOMICS	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Third Year</b>		
<b>Fall</b>		
BUS-301	FINANCIAL MANAGEMENT	3.00
BUS-311	FOUNDATIONS OF MANAGEMENT THEORY	3.00
BUS-321	PRINCIPLES OF MARKETING	3.00
ECON-300	STATISTICAL METHODS	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>

<b>Spring</b>		
BUS-355	INFORMATION SYSTEMS FOR MANAGERS	3.00
BUS-365	BUSINESS LAW I	3.00
BUS-370	PRODUCTION AND OPERATIONS MANAGEMENT	3.00
BUS	BUS 300/400 Level	3.00
CORE	Integrative Seminar: Ethics & Values	3.00
<b>Credits</b>		<b>15.00</b>
<b>Fourth Year</b>		
<b>Fall</b>		
BUS	BUS 300/400 Level	3.00
BUS-380	INTERNATIONAL BUSINESS	3.00
Elective	Elective Credits	5.00
BUS	Experiential Component <sup>1</sup>	3.00
<b>Credits</b>		<b>14.00</b>
<b>Spring</b>		
BUS	BUS 300/400 Level	3.00
BUS-412	HUMAN RESOURCE MANAGEMENT	3.00
BUS-498	SENIOR STRATEGIC SEMINAR	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>120.00</b>

<sup>1</sup> Experiential Component: Select one from the following course options: BUS-294, BUS-346, BUS-394, BUS-405, BUS-421, or BUS-494.

## Sequential Plan of Study - Healthcare Management Emphasis

Course	Title	Credits
<b>Fourth Year</b>		
<b>Fall</b>		
NU-413	PROFESSIONAL ROLE DEVELOPMENT III: MANAGER/COORDINATOR OF CARE	3.00
NU-414	PROFESSIONAL ROLE DEVELOPMENT IV: MEMBER OF THE PROFESSION	2.00
NU-447	EVIDENCE BASED PRACTICE FOR NURSING	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>14.00</b>
<b>Spring</b>		
NU-482	HEALTHCARE POLICY	2.00
NU-484	HEALTHCARE ECONOMICS	2.00
NU-494	INTERNSHIP IN NURSING	3.00
Elective	Elective Credits	5.00
<b>Credits</b>		<b>12.00</b>
<b>Total Credits</b>		<b>26.00</b>

Graduates with a BA/BS in Business Administration go on to obtain careers in a variety of fields:

- Administration
- Economics
- Entrepreneurship
- Financial Planning
- Global Industries
- Human Resource Management
- Management

- Marketing and Analytics
- Sales
- Statistics

## Business and Communication BA/BS

Students who want a career at the managerial level in business, with a heavy reliance on effective communication, should consider the Business and Communication major. This joint bachelor's degree program, offered by the Business and Humanities Divisions, provides graduates with the skills needed for success in a business environment. Program requirements and electives provide a strong foundation in both disciplines, culminating in capstone courses selected from either Business or Communication. This degree is for students pursuing careers in corporate communications, marketing, public relations, sales, or media relations. It may be completed online, face-to-face, or a combination of the two.

### General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Arts</b>		
ART-100	INTRODUCTION TO ART	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES	

THEA-101	SURVEY OF THE THEATER	
<b>Language</b>		
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
<b>Scientific Ways of Knowing</b>		
Select one course from two disciplines; one lab		7.00-8.00
BIOF-100	INTRODUCTION TO BIOINFORMATICS	
BIOL-100	CONCEPTS OF BIOLOGY	
BIOL-120	PLANTS AND PEOPLE	
BIOL-123	BIOLOGY IN FILM	
BIOL-175	HUMAN BIOLOGY	
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	
CHEM-100	CONCEPTS OF CHEMISTRY	
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	
CHEM-111	PRINCIPLES OF CHEMISTRY I	
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE	
CS-108	INTRODUCTION TO COMPUTER SCIENCE	
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE	
GEOL-101	PHYSICAL GEOLOGY	
GEOL-120	INTRODUCTION TO EARTH SYSTEMS	
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS	
ID-240	INTEGRATED SCIENCE II	
NS-140	INTEGRATED SCIENCE I	
NS-150	INTRODUCTION TO NATURAL SCIENCES <sup>1</sup>	
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR	
PHYS-111	GENERAL PHYSICS I	
or PHYS-112	GENERAL PHYSICS II	
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS	
PHYS-205	DESCRIPTIVE ASTRONOMY	
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I	
<b>Social &amp; Behavioral Ways of Knowing</b>		
ECON-201	PRINCIPLES OF MACROECONOMICS	3.00
or ECON-202	PRINCIPLES OF MICROECONOMICS	
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	3.00
<b>Diversity</b>		
Select one of the following:		3.00-4.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ANTH-360	RACE AND ETHNICITY	
COMM-345	INTERCULTURAL COMMUNICATION	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS	

NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
POLS-285	COMPARATIVE GOVERNMENT	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
SPAN-201	INTERMEDIATE SPANISH I	
SPAN-202	INTERMEDIATE SPANISH II	
SS-184	DIVERSITY IN ORGANIZATIONS	
<b>Integrative Seminar: Ethics &amp; Values</b>		
Select one of the following:		3.00
ID 300A - 300Z (see course descriptions for options)		
ID-301A	HELLS CANYON INSTITUTE	
<b>Foreign/Heritage Language</b>		
Select 16 credits of language if selecting Bachelor of Arts Degree		16.00
<b>Total Credits</b>		<b>37.00-43.00</b>

## Program Requirements

Code	Title	Credits
<b>Business Requirements</b>		
AC-231	PRINCIPLES OF ACCOUNTING I	3.00
AC-232	PRINCIPLES OF ACCOUNTING II	3.00
BUS-101	INTRODUCTION TO BUSINESS	3.00
BUS-220	BUSINESS COMMUNICATIONS	3.00
BUS-311	FOUNDATIONS OF MANAGEMENT THEORY	3.00
BUS-321	PRINCIPLES OF MARKETING	3.00
BUS-365	BUSINESS LAW I	3.00
BUS-380	INTERNATIONAL BUSINESS	3.00
or BUS-482	INTERNATIONAL MARKETING	
Select one of the following:		3.00
BUS-271	BUSINESS STATISTICS	
ECON/PSYC/SS-300	STATISTICAL METHODS	
<b>Communication Requirements</b>		
COMM-320	PERSUASION	3.00
COMM-345	COMMUNICATION AND DIVERSITY	3.00
Select 21 credits from the following:		21.00
COMM-201	INTRODUCTION TO MASS COMMUNICATION	
COMM-202	INTERPERSONAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
COMM-205	LOGIC AND ARGUMENTATION	
COMM-300	EDITING FOR PRINT AND ONLINE	
COMM-301	MEDIA RELATIONS	
COMM-304	ADVANCED PUBLIC SPEAKING	
COMM-310	ORGANIZATIONAL COMMUNICATION	
COMM-330	PROFESSIONAL COMMUNICATION	
COMM-380	ETHICAL ISSUES IN COMMUNICATION	
COMM-384	COMMUNICATION THEORY	
COMM-392	SPECIAL TOPICS IN COMMUNICATIONS	
COMM-394	INTERNSHIP IN COMMUNICATIONS	
COMM-400	ADVERTISING	
COMM-405	MULTIMEDIA WRITING	



COMM-420	RESTORATIVE COMMUNICATION
COMM-440	NEW MEDIA & COMMUNICATION
COMM-470	HUMAN RELATIONS: CONFLICT MANAGEMENT
COMM-492	SPECIAL TOPICS IN COMMUNICATIONS
COMM-494	INTERNSHIP IN COMMUNICATIONS
ENGL-203	TECHNICAL WRITING
ENGL-304	WRITING FOR A DIGITAL AUDIENCE
ENGL-305	ADVANCED WRITING AND COMMUNICATION
ENGL-308	SURVEY OF PROFESSIONAL WRITING
ENGL-497	PROFESSIONAL WRITING CAPSTONE

**Capstone Area**

Select one of the following capstone areas: 6.00

Communication Capstone:

COMM-498	SENIOR RESEARCH PROJECT DESIGN
COMM-499	RESEARCH PROJECT AND SEMINAR IN COMMUNICATIONS

Business Capstone:

BUS-498	SENIOR STRATEGIC SEMINAR
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**Experiential Component**

Select one of the following:

BUS-294	INTERNSHIP IN BUSINESS
BUS-346	NONPROFIT MANAGEMENT
BUS-394	INTERNSHIP IN BUSINESS
BUS-405	ENTREPRENEURSHIP
BUS-421	MARKETING RESEARCH
BUS-494	INTERNSHIP IN BUSINESS

**Electives**

Select 23 elective credits 23.00

**Total Credits 83.00**

**Sequential Plan of Study**

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
CORE	Oral Communication	3.00
CORE	Scientific Ways of Knowing	3.00
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
ENGL-102	WRITING AND RHETORIC II	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
ECON-201 or ECON-202	PRINCIPLES OF MACROECONOMICS or PRINCIPLES OF MICROECONOMICS	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Mathematical Ways of Knowing	3.00
CORE	Diversity	3.00
AC-231	PRINCIPLES OF ACCOUNTING I	3.00

BUS-101	INTRODUCTION TO BUSINESS	3.00
BUS-220	BUSINESS COMMUNICATIONS	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
CORE	Scientific Ways of Knowing	4.00
AC-232	PRINCIPLES OF ACCOUNTING II	3.00
Program Requirement	Select COMM Track course	3.00
Elective	Elective Credits	6.00
<b>Credits</b>		<b>16.00</b>
<b>Third Year</b>		
<b>Fall</b>		
COMM-320	PERSUASION	3.00
BUS-311	FOUNDATIONS OF MANAGEMENT THEORY	3.00
BUS-365	BUSINESS LAW I	3.00
Program Requirement	Select COMM Track course	3.00
CORE	Integrative Seminar: Ethics & Values	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
COMM-345	INTERCULTURAL COMMUNICATION	3.00
BUS-321	PRINCIPLES OF MARKETING	3.00
ECON-300 or BUS-271	STATISTICAL METHODS or BUSINESS STATISTICS	3.00
Program Requirement	Select COMM Track course	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Fourth Year</b>		
<b>Fall</b>		
BUS-380 or BUS-482	INTERNATIONAL BUSINESS or INTERNATIONAL MARKETING	3.00
COMM-498	SENIOR RESEARCH PROJECT DESIGN (or BUS: Experiential Component) <sup>1</sup>	3.00
Program Requirement	Select COMM Track course	3.00
Program Requirement	Select COMM Track course	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
COMM-499 or BUS-498	RESEARCH PROJECT AND SEMINAR IN COMMUNICATIONS or SENIOR STRATEGIC SEMINAR	3.00
Program Requirement	Select COMM Track course	3.00
Program Requirement	Select COMM Track course	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	2.00
<b>Credits</b>		<b>14.00</b>
<b>Total Credits</b>		<b>120.00</b>

Note: If a student wants to earn a Bachelor of Arts degree, they will need to complete 4 semesters (16 credits) of the same Foreign Language instead of taking elective credits.

<sup>1</sup> Experiential Component: Select one from the following course options: BUS-294, BUS-346, BUS-394, BUS-405, BUS-421, or BUS-494

Graduates with a BA/BS in Business and Communication go on to obtain careers in a variety of fields:

- Corporate Communications
- Legal Studies
- Marketing

- Media
- Public Relations
- Sales and Promotion

## Business Informatics BA/BS

This major provides students with both Business and Computer Science knowledge and skills. It will prepare graduates for careers that require skills with both business acumen and computer and technology expertise. Courses in this major will include systems analysis, application software development, web development, and database design. Graduates will also become familiar with all areas of business in order to better accommodate business operations in the areas of software and hardware systems. The intended learning outcomes of this program include understanding the concepts, theories, and practices in the functional areas of business, preparing professional oral and written forms of communication, evaluating and applying information technology in support of management decision making, and working effectively and professionally with diverse colleagues in team situations. Additionally, graduates will evaluate existing information systems, databases, and user interfaces and propose improvements.

## General Education

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Arts</b>		
ART-100	INTRODUCTION TO ART	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	

MUS-151	HISTORY OF MUSICAL THEATER	
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES	
THEA-101	SURVEY OF THE THEATER	
<b>Language</b>		
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
<b>Scientific Ways of Knowing</b>		
CS-108	INTRODUCTION TO COMPUTER SCIENCE	4.00
Select one course from the following		3.00
BIOF-100	INTRODUCTION TO BIOINFORMATICS	
BIOL-100	CONCEPTS OF BIOLOGY	
BIOL-120	PLANTS AND PEOPLE	
BIOL-123	BIOLOGY IN FILM	
BIOL-175	HUMAN BIOLOGY	
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	
CHEM-100	CONCEPTS OF CHEMISTRY	
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	
CHEM-111	PRINCIPLES OF CHEMISTRY I	
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE	
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE	
GEOL-101	PHYSICAL GEOLOGY	
GEOL-120	INTRODUCTION TO EARTH SYSTEMS	
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS	
ID-240	INTEGRATED SCIENCE II	
NS-140	INTEGRATED SCIENCE I	
NS-150	INTRODUCTION TO NATURAL SCIENCES <sup>1</sup>	
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR	
PHYS-111	GENERAL PHYSICS I	
or PHYS-112	GENERAL PHYSICS II	
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS	
PHYS-205	DESCRIPTIVE ASTRONOMY	
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I	
<b>Social &amp; Behavioral Ways of Knowing</b>		
Select one course from two disciplines:		6.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	
POLS-101	AMERICAN NATIONAL GOVERNMENT	
POLS-237	INTERNATIONAL POLITICS	
POLS-285	COMPARATIVE GOVERNMENT	
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	

PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS

**Diversity**

Select one of the following: 3.00-4.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ANTH-360	RACE AND ETHNICITY
COMM-345	INTERCULTURAL COMMUNICATION
ENGL-258	INTERNATIONAL LITERATURE
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
ID-300C	ETHICS AND IDENTITY
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
POLS-285	COMPARATIVE GOVERNMENT
SOC-101	INTRODUCTION TO SOCIOLOGY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
SS-184	DIVERSITY IN ORGANIZATIONS

**Integrative Seminar: Ethics & Values**

Select one of the following: 3.00

ID 300A - 300Z (see course descriptions for options)	
ID-301A	HELLS CANYON INSTITUTE

**Foreign/Heritage Language**

Select 16 credits of language if selecting Bachelor of Arts Degree 16.00

**Total Credits 37.00-42.00**

## Program Requirements

Code	Title	Credits
Take all of the following:		
AC-231	PRINCIPLES OF ACCOUNTING I	3.00
AC-232	PRINCIPLES OF ACCOUNTING II	3.00
BUS-220	BUSINESS COMMUNICATIONS	3.00
BUS-221	INTRODUCTION TO COMPUTERS/INFO SYSTEMS	3.00
ECON-201 or ECON-202	PRINCIPLES OF MACROECONOMICS (Take both course, one as core) PRINCIPLES OF MICROECONOMICS	3.00
Select one of the following:		
ECON/PSYC/SS-300	STATISTICAL METHODS	3.00
Take all of the following:		
CITPT-111	WEB DEVELOPMENT BASICS	3.00

CS-111	FOUNDATIONS OF PROGRAMMING	4.00
CS-211	COMPUTER SCIENCE II	4.00
CS-226	SQL: STRUCTURED QUERY LANGUAGE	3.00
CS-253	INTRO TO SYSTEMS PROGRAMMING	4.00
Upper Division Courses		
BUS-301	FINANCIAL MANAGEMENT	3.00
BUS-311	FOUNDATIONS OF MANAGEMENT THEORY	3.00
BUS-321	PRINCIPLES OF MARKETING	3.00
BUS-355	INFORMATION SYSTEMS FOR MANAGERS	3.00
BUS-365	BUSINESS LAW I	3.00
BUS-370	PRODUCTION AND OPERATIONS MANAGEMENT	3.00
CS-311	ALGORITHMS AND DATA STRUCTURES	4.00
CS-445	DATABASES AND KNOWLEDGE MANAGEMENT	3.00
CS-480	CAPSTONE DESIGN PROJECT	4.00
Upper Division Computer Science Electives		
Elective Credits		13.00
CS-300/400		6.00
<b>Total Credits</b>		<b>84.00</b>

Students must earn at least a "C-" in MATH, ECON, and PSYC-101.

Students must earn at least a "C-" in all major courses. Students must also earn at least a 2.50 grade point average in all business courses combined, including Accounting and Economics.

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
CS-108	INTRODUCTION TO COMPUTER SCIENCE	4.00
ENGL-101	WRITING AND RHETORIC I	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Mathematical Ways of Knowing	3.00
CORE	Oral Communication	3.00
<b>Credits</b>		<b>16.00</b>
<b>Spring</b>		
CITPT-111	WEB DEVELOPMENT BASICS	3.00
ENGL-102	WRITING AND RHETORIC II	3.00
CORE	Scientific Ways of Knowing	3.00
CORE	Diversity	3.00
<b>Credits</b>		<b>12.00</b>
<b>Second Year</b>		
<b>Fall</b>		
AC-231	PRINCIPLES OF ACCOUNTING I	3.00
BUS-220	BUSINESS COMMUNICATIONS	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
ECON-201	PRINCIPLES OF MACROECONOMICS	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
AC-232	PRINCIPLES OF ACCOUNTING II	3.00
BUS-221	INTRODUCTION TO COMPUTERS/INFO SYSTEMS	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
ECON-202	PRINCIPLES OF MICROECONOMICS	3.00

Elective	Elective Credits	3.00
	<b>Credits</b>	<b>15.00</b>
<b>Third Year</b>		
<b>Fall</b>		
BUS-301	FINANCIAL MANAGEMENT	3.00
BUS-311	FOUNDATIONS OF MANAGEMENT THEORY	3.00
BUS-321	PRINCIPLES OF MARKETING	3.00
ECON-300	STATISTICAL METHODS	3.00
Elective	Elective Credits	3.00
	<b>Credits</b>	<b>15.00</b>
<b>Spring</b>		
BUS-355	INFORMATION SYSTEMS FOR MANAGERS	3.00
BUS-365	BUSINESS LAW I	3.00
BUS-370	PRODUCTION AND OPERATIONS MANAGEMENT	3.00
Program Requirement	Select CS course 300/400 Level	3.00
CORE	Integrative Seminar: Ethics & Values	3.00
	<b>Credits</b>	<b>15.00</b>
<b>Fourth Year</b>		
<b>Fall</b>		
CS-211	COMPUTER SCIENCE II	4.00
CS-226	SQL: STRUCTURED QUERY LANGUAGE	3.00
CS-253	INTRO TO SYSTEMS PROGRAMMING	4.00
CORE	Social & Behavioral Ways of Knowing	3.00
Elective	Elective Credits	2.00
	<b>Credits</b>	<b>16.00</b>
<b>Spring</b>		
CS-311	ALGORITHMS AND DATA STRUCTURES	4.00
CS-445	DATABASES AND KNOWLEDGE MANAGEMENT	3.00
CS-480	CAPSTONE DESIGN PROJECT	4.00
Program Requirement	Select CS course 300/400 Level	3.00
Elective	Elective Credits	2.00
	<b>Credits</b>	<b>16.00</b>
	<b>Total Credits</b>	<b>120.00</b>

Graduates with a BA/BS in Business Informatics go on to obtain careers in a variety of fields:

- Administration
- Economics
- Entrepreneurship
- Financial Planning
- Global Industries
- Human Resource Management
- Management
- Marketing and Analytics
- Sales
- Statistics

## Business Management BA/BS

The Business Management major, offered either online and/or in the classroom, is designed to serve students who wish to develop a broad range of management competencies. The major has particular appeal to students who have completed a Professional-Technical program, transfer students with credit from one or more colleges or universities, or those who have gained occupational competencies from life and work experiences. The degree is a practitioner degree that is a good entry point to management training programs. Students declared as Business Management majors are not authorized to pursue a second baccalaureate degree in Business Administration.

## Business Management Program Outcomes:

1. Explain the major concepts in the functional areas of accounting, marketing, finance, and management.
2. Evaluate the legal, social, and economic environments of business.
3. Describe the global environment of business.
4. Describe and explain the ethical obligations and responsibilities of business.
5. Apply decision-support tools to business decision making.
6. Construct and present effective oral and written forms of professional communication.
7. Apply knowledge of business concepts and functions in an integrated manner.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Arts</b>		
ART-100	INTRODUCTION TO ART	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES	
THEA-101	SURVEY OF THE THEATER	



**Language**

NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II

**Scientific Ways of Knowing**

Select one course from two disciplines; one lab 7.00-8.00

BIOF-100	INTRODUCTION TO BIOINFORMATICS
BIOL-100	CONCEPTS OF BIOLOGY
BIOL-120	PLANTS AND PEOPLE
BIOL-123	BIOLOGY IN FILM
BIOL-175	HUMAN BIOLOGY
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I
CHEM-100	CONCEPTS OF CHEMISTRY
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY
CHEM-111	PRINCIPLES OF CHEMISTRY I
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE
CS-108	INTRODUCTION TO COMPUTER SCIENCE
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOL-101	PHYSICAL GEOLOGY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
ID-240	INTEGRATED SCIENCE II
NS-140	INTEGRATED SCIENCE I
NS-150	INTRODUCTION TO NATURAL SCIENCES <sup>1</sup>
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR
PHYS-111 or PHYS-112	GENERAL PHYSICS I GENERAL PHYSICS II
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS
PHYS-205	DESCRIPTIVE ASTRONOMY
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I

**Social & Behavioral Ways of Knowing**

ECON-201 or ECON-202	PRINCIPLES OF MACROECONOMICS PRINCIPLES OF MICROECONOMICS	3.00
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	3.00

**Diversity**

Select one of the following: 3.00-4.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ANTH-360	RACE AND ETHNICITY
COMM-345	INTERCULTURAL COMMUNICATION
ENGL-258	INTERNATIONAL LITERATURE
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
NP-101	NEZ PERCE LANGUAGE AND CULTURE

NP-102	NEZ PERCE LANGUAGE AND HISTORY	
POLS-285	COMPARATIVE GOVERNMENT	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
SPAN-201	INTERMEDIATE SPANISH I	
SPAN-202	INTERMEDIATE SPANISH II	
SS-184	DIVERSITY IN ORGANIZATIONS	
<b>Integrative Seminar: Ethics &amp; Values</b>		
Select one of the following:		3.00
ID 300A - 300Z (see course descriptions for options)		
ID-301A	HELLS CANYON INSTITUTE	
<b>Foreign/Heritage Language</b>		
Select 16 credits of language if selecting Bachelor of Arts Degree		16.00
<b>Total Credits</b>		<b>37.00-43.00</b>

## Program Requirements

Code	Title	Credits
<b>Major Courses</b>		
AC-231	PRINCIPLES OF ACCOUNTING I	3.00
AC-232	PRINCIPLES OF ACCOUNTING II	3.00
BUS-101	INTRODUCTION TO BUSINESS	3.00
BUS-220	BUSINESS COMMUNICATIONS	3.00
BUS-221	INTRODUCTION TO COMPUTERS/INFO SYSTEMS	3.00
ECON/PSYC/SS-300	STATISTICAL METHODS	3.00
<b>Upper Division Courses</b>		
BUS-311	FOUNDATIONS OF MANAGEMENT THEORY	3.00
BUS-321	PRINCIPLES OF MARKETING	3.00
BUS-355	INFORMATION SYSTEMS FOR MANAGERS	3.00
BUS-360	LEADERSHIP	3.00
or BUS-413	ORGANIZATIONAL BEHAVIOR	
BUS-365	BUSINESS LAW I	3.00
BUS-412	HUMAN RESOURCE MANAGEMENT	3.00
BUS-498	SENIOR STRATEGIC SEMINAR	3.00
Select one of the following:		3.00
BUS-380	INTERNATIONAL BUSINESS	
BUS-482	INTERNATIONAL MARKETING	
ECON-465	INTERNATIONAL ECONOMICS	
<b>Business Elective</b>		
Select 3 credits of BUS 300/400 level		3.00
<b>Experiential Component</b>		
Select one of the following:		3.00
BUS-294	INTERNSHIP IN BUSINESS	
BUS-346	NONPROFIT MANAGEMENT	
BUS-394	INTERNSHIP IN BUSINESS	
BUS-405	ENTREPRENEURSHIP	
BUS-421	MARKETING RESEARCH	
BUS-494	INTERNSHIP IN BUSINESS	
<b>Electives</b>		
Select 35 elective credits		35.00
<b>Total Credits</b>		<b>83.00</b>

Students must earn at least a "C-" in MATH, ECON, and PSYC-101.

Students must earn at least a "C-" in all major courses. Students must also earn at least a 2.5 grade point average in all business courses combined, including Accounting and Economics.

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
CORE	Mathematical Ways of Knowing	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Oral Communication	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
CORE	Scientific Ways of Knowing	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
ENGL-102	WRITING AND RHETORIC II	3.00
ECON-201 or ECON-202	PRINCIPLES OF MACROECONOMICS or PRINCIPLES OF MICROECONOMICS	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Second Year</b>		
<b>Fall</b>		
AC-231	PRINCIPLES OF ACCOUNTING I	3.00
BUS-220	BUSINESS COMMUNICATIONS	3.00
BUS-221	INTRODUCTION TO COMPUTERS/INFO SYSTEMS	3.00
CORE	Scientific Ways of Knowing	4.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>16.00</b>
<b>Spring</b>		
AC-232	PRINCIPLES OF ACCOUNTING II	3.00
BUS-101	INTRODUCTION TO BUSINESS	3.00
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	3.00
Elective	Elective Credits	6.00
<b>Credits</b>		<b>15.00</b>
<b>Third Year</b>		
<b>Fall</b>		
BUS-311	FOUNDATIONS OF MANAGEMENT THEORY	3.00
BUS-321	PRINCIPLES OF MARKETING	3.00
CORE	Integrative Seminar: Ethics & Values	3.00
ECON-300	STATISTICAL METHODS	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
BUS-355	INFORMATION SYSTEMS FOR MANAGERS	3.00
BUS-360 or BUS-413	LEADERSHIP or ORGANIZATIONAL BEHAVIOR	3.00
BUS-365	BUSINESS LAW I	3.00
Elective	Elective Credits	6.00
<b>Credits</b>		<b>15.00</b>

**Fourth Year****Fall**

BUS-412	HUMAN RESOURCE MANAGEMENT	3.00
BUS	Experiential Component <sup>1</sup>	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>

**Spring**

BUS	BUS 300/400 Level	3.00
BUS-380 or BUS-482 or ECON-465	INTERNATIONAL BUSINESS or INTERNATIONAL MARKETING or INTERNATIONAL ECONOMICS	3.00
BUS-498	SENIOR STRATEGIC SEMINAR	3.00
Elective	Elective Credits	2.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>14.00</b>
<b>Total Credits</b>		<b>120.00</b>

<sup>1</sup> Experiential Component: Select one from the following course options: BUS-294, BUS-346, BUS-394, BUS-405, BUS-421, or BUS-494.

Graduates with a BA/BS in Business Management go on to obtain careers in a variety of fields:

- Education
- Employee Relations
- Entrepreneurship
- General Management
- Human Resource Management
- Marketing
- Sales and Promotion

## Computer Science BA/BS

The Computer Science program is designed to prepare students for industry or graduate work in Computer Science or Management Information Systems. The Computer Science major uses a traditional computer science curriculum, with requisite mathematical rigor, and is based on the Association of Computing Machinery (ACM) core curricula recommendations. The curriculum is designed to be very flexible and allow students to use credits from the Associates of Information Systems and Information Systems Analysis towards this degree. The degree is also designed to allow students to use Biology courses towards the degree for students who are interested in pursuing a Bioinformatics degree in graduate school.

The goals of the Computer Science program are to provide students with learning experiences in both the classroom and laboratory so that they will be well-prepared to:

1. Think critically and apply knowledge in novel contexts;
2. Design and implement object-oriented and imperative programs;
3. Understand algorithms and data structures;
4. Understand relational databases, operating system kernels, and network software development;
5. And, perform basic laboratory analysis.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	

ENGL-109	COLLEGE WRITING AND RESEARCH	
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**Oral Communication**

Select one from the following:		3.00
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COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION
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COMM-203	SMALL GROUP COMMUNICATION
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COMM-204	PUBLIC SPEAKING
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**Mathematical Ways of Knowing**

Select one of the following:		3.00-5.00
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MATH-143	COLLEGE ALGEBRA
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MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY
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MATH-170	CALCULUS I
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**Humanistic & Artistic Ways of Knowing**

Select one course from two categories:		6.00-8.00
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**Literature**

ENGL-175	LITERATURE AND IDEAS
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ENGL-257	WORLD CLASSICS
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ENGL-258	INTERNATIONAL LITERATURE
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ENGL-260	NATIVE AMERICAN LITERATURE
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ENGL-261	MYTHOLOGIES
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**Arts**

ART-100	INTRODUCTION TO ART
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HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE
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HUM-150	INTRODUCTION TO THE ARTS
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MUS-101	SURVEY OF MUSIC
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MUS-102	MUSIC IN AMERICA
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MUS-150	WORLD MUSIC
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MUS-151	HISTORY OF MUSICAL THEATER
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MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES
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THEA-101	SURVEY OF THE THEATER
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**Language**

NP-101	NEZ PERCE LANGUAGE AND CULTURE
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NP-102	NEZ PERCE LANGUAGE AND HISTORY
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SPAN-101	ELEMENTARY SPANISH I
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SPAN-102	ELEMENTARY SPANISH II
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**Scientific Ways of Knowing**

CS-108	INTRODUCTION TO COMPUTER SCIENCE	4.00
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Select one of the following:		3.00-4.00
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BIOF-100	INTRODUCTION TO BIOINFORMATICS
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BIOL-100	CONCEPTS OF BIOLOGY
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BIOL-120	PLANTS AND PEOPLE
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BIOL-123	BIOLOGY IN FILM
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BIOL-175	HUMAN BIOLOGY
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BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I
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CHEM-100	CONCEPTS OF CHEMISTRY
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CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY
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CHEM-111	PRINCIPLES OF CHEMISTRY I
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FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
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GEOL-101	PHYSICAL GEOLOGY
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GEOL-120	INTRODUCTION TO EARTH SYSTEMS
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GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
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ID-240	INTEGRATED SCIENCE II
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NS-140	INTEGRATED SCIENCE I
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NS-150	INTRODUCTION TO NATURAL SCIENCES <sup>1</sup>
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR
PHYS-111 or PHYS-112	GENERAL PHYSICS I GENERAL PHYSICS II
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS
PHYS-205	DESCRIPTIVE ASTRONOMY
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I

**Social & Behavioral Ways of Knowing**

Select one course from two disciplines: 6.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ECON-201	PRINCIPLES OF MACROECONOMICS
ECON-202	PRINCIPLES OF MICROECONOMICS
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS

**Diversity**

Select one of the following: 3.00-4.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ANTH-360	RACE AND ETHNICITY
COMM-345	INTERCULTURAL COMMUNICATION
ENGL-258	INTERNATIONAL LITERATURE
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
ID-300C	ETHICS AND IDENTITY
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
POLS-285	COMPARATIVE GOVERNMENT
SOC-101	INTRODUCTION TO SOCIOLOGY
SPAN-101	ELEMENTARY SPANISH I

SPAN-102	ELEMENTARY SPANISH II	
SPAN-201	INTERMEDIATE SPANISH I	
SPAN-202	INTERMEDIATE SPANISH II	
SS-184	DIVERSITY IN ORGANIZATIONS	
<b>Integrative Seminar: Ethics &amp; Values</b>		
Select one of the following:		3.00
ID 300A - 300Z (see course descriptions for options)		
ID-301A	HELLS CANYON INSTITUTE	
<b>Foreign/Heritage Language</b>		
Select 16 credits of language if selecting Bachelor of Arts Degree		16.00
<b>Total Credits</b>		<b>37.00-43.00</b>

## Program Requirements

Code	Title	Credits
<b>Major Courses</b>		
CS-101	COMPUTER SCIENCE SEMINAR	1.00
CS-111	FOUNDATIONS OF PROGRAMMING	4.00
CS-211	COMPUTER SCIENCE II	4.00
CS-226	SQL: STRUCTURED QUERY LANGUAGE	3.00
CS-250	COMPUTER ORGANIZATION AND ARCHITECTURE	4.00
CS-253	INTRO TO SYSTEMS PROGRAMMING	4.00
CS-311	ALGORITHMS AND DATA STRUCTURES	4.00
CS-360	SOFTWARE ENGINEERING	3.00
CS-401	FUTURE PROFESSIONALS SEMINAR	1.00
CS-430	OPERATING SYSTEMS	3.00
CS-435	COMPUTER NETWORKS	3.00
CS-480	CAPSTONE DESIGN PROJECT	4.00
MATH-170	CALCULUS I (Required if not completed as core)	
MATH-186	DISCRETE MATHEMATICS	3.00
Select 7 credits of Bioinformatics or Computer Science at the 300 level or above		7.00
<b>Upper Division Electives</b>		
Select 26 credits from the following:		26.00
BIOF-100	INTRODUCTION TO BIOINFORMATICS	
BIOL-181	ECOLOGY, EVOLUTION, DIVERSITY OF LIFE	
BIOL-182	CONCEPTS IN CELLULAR MECHANISMS	
CITPT-111	WEB DEVELOPMENT BASICS	
MATH-175	CALCULUS II	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-275	CALCULUS III	
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I	
PHYS-212	PHYSICS FOR SCIENTISTS AND ENGINEERS II	
Select any 300/400 level course		
<b>Electives</b>		
Select 7 elective credits		7.00
<b>Total Credits</b>		<b>81.00</b>

### Notes:

1. This program has been developed following the guidelines established by the CS 2001 "Computer Science Curriculum," and the CS 2008 "Computer Science Curriculum Interim Update" developed by the Association of Computing Machinery (ACM) and the IEEE Computer Society (IEEE-CS).
2. This program complies with all requirements for a Minor in Mathematics.
3. WBL: Work-based Learning.

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
CORE	MATH-143, MATH-147 or MATH-170	3.00-5.00
CORE	Oral Communication	3.00
CS-101	COMPUTER SCIENCE SEMINAR	1.00
CS-108	INTRODUCTION TO COMPUTER SCIENCE	4.00
ENGL-101	WRITING AND RHETORIC I	3.00
<b>Credits</b>		<b>14.00-16.00</b>
<b>Spring</b>		
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
CS-111	FOUNDATIONS OF PROGRAMMING	4.00
CS-226	SQL: STRUCTURED QUERY LANGUAGE	3.00
ENGL-102	WRITING AND RHETORIC II	3.00
<b>Credits</b>		<b>16.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Social & Behavioral Ways of Knowing	3.00
CORE	Scientific Ways of Knowing	3.00
CS-211	COMPUTER SCIENCE II	4.00
CS-253	INTRO TO SYSTEMS PROGRAMMING	4.00
Program Requirement	BIOF or CS course 300/400 Level	4.00
<b>Credits</b>		<b>18.00</b>
<b>Spring</b>		
CORE	Diversity	3.00
CS-250	COMPUTER ORGANIZATION AND ARCHITECTURE	4.00
CS-311	ALGORITHMS AND DATA STRUCTURES	4.00
MATH-186	DISCRETE MATHEMATICS	3.00
Program Requirement	BIOF or CS course 300/400 Level	3.00
<b>Credits</b>		<b>17.00</b>
<b>Third Year</b>		
<b>Fall</b>		
CORE	Humanistic & Artistic Ways of Knowing	3.00
CS-360	SOFTWARE ENGINEERING	3.00
CS-430	OPERATING SYSTEMS	3.00
Program Requirement	Upper Division Electives	3.00
<b>Credits</b>		<b>12.00</b>
<b>Spring</b>		
CS-401	FUTURE PROFESSIONALS SEMINAR	1.00
CS-435	COMPUTER NETWORKS	3.00
CORE	Integrative Seminar: Ethics & Values	3.00
Program Requirement	Upper Division Electives	3.00
Program Requirement	Upper Division Electives	3.00
<b>Credits</b>		<b>13.00</b>
<b>Fourth Year</b>		
<b>Fall</b>		
Program Requirement	Upper Division Electives	3.00
Program Requirement	Upper Division Electives	3.00
Program Requirement	Upper Division Electives	3.00



Elective	Computer Science Elective Credits	3.00
	<b>Credits</b>	<b>12.00</b>
<b>Spring</b>		
CS-480	CAPSTONE DESIGN PROJECT	4.00
Program Requirement	Upper Division Electives	3.00
Program Requirement	Upper Division Electives	3.00
Program Requirement	Upper Division Electives	3.00
Elective	Computer Science Elective Credits	4.00
	<b>Credits</b>	<b>17.00</b>
	<b>Total Credits</b>	<b>119.00-121.00</b>

Graduates with a BA/BS in Computer Science go on to obtain careers in a variety of fields:

- Programming
- Network Technology
- Consulting
- Non-Technical
- Systems Development
- Internet
- Education

## Cybersecurity Management BA/BS

The Cybersecurity Management program is designed to prepare students for industry. The Cyber Management major fuses the three components: a strong cybersecurity management base, computer programming, and business management. The curriculum is designed to be very focused on industry needs and skills. Students take courses in networking, advanced cyber security and pentesting.

The goals of the Cyber Management program is to provide students with learning experiences in both the classroom and laboratory so that they will be well-prepared to:

- Design and implement object-oriented and imperative programs
- Understand algorithms and data structures
- Understand relational databases, and network development
- Understand online safety in the context of the wider world
- Understand the different types of malware, including viruses and trojans, network security, and cryptography
- Identity theft and risk management
- Students will explain the concepts, theories, and practices in the functional areas of business
- Students will prepare professional oral and written forms of communication
- Students will evaluate and apply information technology in support of management decision making

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	

MATH-153	STATISTICAL REASONING
MATH-170	CALCULUS I
MATH-253	STATISTICAL METHODS FOR THE SCIENCES
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II
MTHPT-130	FINITE MATHEMATICS
MTHPT-137	MATH FOR TECHNOLOGY
MTHPT-153	STATISTICAL REASONING

**Humanistic & Artistic Ways of Knowing**

Select one course from two categories: 6.00-8.00

**Literature**

ENGL-175	LITERATURE AND IDEAS
ENGL-257	WORLD CLASSICS
ENGL-258	INTERNATIONAL LITERATURE
ENGL-260	NATIVE AMERICAN LITERATURE
ENGL-261	MYTHOLOGIES

**Arts**

ART-100	INTRODUCTION TO ART
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE
HUM-150	INTRODUCTION TO THE ARTS
MUS-101	SURVEY OF MUSIC
MUS-102	MUSIC IN AMERICA
MUS-150	WORLD MUSIC
MUS-151	HISTORY OF MUSICAL THEATER
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES
THEA-101	SURVEY OF THE THEATER

**Language**

NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II

**Scientific Ways of Knowing**

BIOF-100	INTRODUCTION TO BIOINFORMATICS	3.00
CS-108	INTRODUCTION TO COMPUTER SCIENCE	4.00

**Social & Behavioral Ways of Knowing**

Select one course from two disciplines: 6.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ECON-201	PRINCIPLES OF MACROECONOMICS
ECON-202	PRINCIPLES OF MICROECONOMICS
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY

SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS

**Diversity**

Select one of the following: 3.00-4.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ANTH-360	RACE AND ETHNICITY
COMM-345	INTERCULTURAL COMMUNICATION
ENGL-258	INTERNATIONAL LITERATURE
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
ID-300C	ETHICS AND IDENTITY
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
POLS-285	COMPARATIVE GOVERNMENT
SOC-101	INTRODUCTION TO SOCIOLOGY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
SS-184	DIVERSITY IN ORGANIZATIONS

**Integrative Seminar: Ethics & Values**

Select one of the following: 3.00

ID 300A - 300Z (see course descriptions for options)	
ID-301A	HELLS CANYON INSTITUTE

**Foreign/Heritage Language**

Select 16 credits of language if selecting Bachelor of Arts Degree 16.00

**Total Credits 37.00-42.00**

## Program Requirements

Code	Title	Credits
<b>Major Requirements</b>		
CS-111	FOUNDATIONS OF PROGRAMMING	4.00
CS-211	COMPUTER SCIENCE II	4.00
CS-226	SQL: STRUCTURED QUERY LANGUAGE	3.00
CYB-251	NETWORKING I	4.00
CYB-252	NETWORKING II	4.00
CYB-253	NETWORKING III	4.00
CYB-254	NETWORKING IV	4.00
CYB-271	CYBERSECURITY I	4.00
CYB-272	CYBERSECURITY II	4.00
CYB-273	CYBERSECURITY III	4.00
CYB-274	CYBERSECURITY IV	4.00

<b>Select one of the following:</b>		<b>3.00</b>
ECON/PSYC/SS-300	STATISTICAL METHODS	
<b>Upper Division Requirements</b>		
BUS-311	FOUNDATIONS OF MANAGEMENT THEORY	3.00
BUS-360	LEADERSHIP	3.00
BUS-365	BUSINESS LAW I	3.00
BUS-370	PRODUCTION AND OPERATIONS MANAGEMENT	3.00
CS-311	ALGORITHMS AND DATA STRUCTURES	4.00
CS-480	CAPSTONE DESIGN PROJECT	4.00
CS-494	INTERNSHIP IN COMPUTER SCIENCE	4.00
CYB-300	CYBER ETHICS	3.00
CYB-360	CYBERSECURITY MANAGEMENT	3.00
Elective Credit		7.00
<b>Total Credits</b>		<b>83.00</b>

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
CORE	Mathematical Ways of Knowing	3.00
CORE	Oral Communication	3.00
CS-108	INTRODUCTION TO COMPUTER SCIENCE	4.00
CS-111	FOUNDATIONS OF PROGRAMMING	4.00
ENGL-101	WRITING AND RHETORIC I	3.00
	<b>Credits</b>	<b>17.00</b>
<b>Spring</b>		
BIOF-100	INTRODUCTION TO BIOINFORMATICS	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
CS-211	COMPUTER SCIENCE II	4.00
ENGL-102	WRITING AND RHETORIC II	3.00
	<b>Credits</b>	<b>16.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Diversity	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CS-226	SQL: STRUCTURED QUERY LANGUAGE	3.00
CYB-251	NETWORKING I	4.00
CYB-271	CYBERSECURITY I	4.00
	<b>Credits</b>	<b>17.00</b>
<b>Spring</b>		
BUS-311	FOUNDATIONS OF MANAGEMENT THEORY	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
CYB-252	NETWORKING II	4.00
CYB-272	CYBERSECURITY II	4.00
	<b>Credits</b>	<b>14.00</b>
<b>Third Year</b>		
<b>Fall</b>		
CYB-253	NETWORKING III	4.00
CYB-273	CYBERSECURITY III	4.00
ECON-300	STATISTICAL METHODS	3.00

BUS-360	LEADERSHIP	3.00
<b>Credits</b>		<b>14.00</b>
<b>Spring</b>		
CYB-254	NETWORKING IV	4.00
CYB-274	CYBERSECURITY IV	4.00
BUS-365	BUSINESS LAW I	3.00
BUS-370	PRODUCTION AND OPERATIONS MANAGEMENT	3.00
<b>Credits</b>		<b>14.00</b>
<b>Fourth Year</b>		
<b>Fall</b>		
CORE	Integrative Seminar: Ethics & Values	3.00
CS-311	ALGORITHMS AND DATA STRUCTURES	4.00
CYB-360	CYBERSECURITY MANAGEMENT	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>13.00</b>
<b>Spring</b>		
CYB-300	CYBER ETHICS	3.00
CS-480	CAPSTONE DESIGN PROJECT	4.00
CS-494	INTERNSHIP IN COMPUTER SCIENCE	4.00
Elective	Elective Credits	4.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>120.00</b>

Graduates with a BA/BS in Cybersecurity Management go on to obtain careers in a variety of fields:

- Computer Science
- Information Security Analyst

## General Studies: Business BA/BS

The General Studies major serves a number of student needs: for strong liberal arts programs and for thorough pre-professional coursework. Within the guidelines provided by the program it is possible for a student, in consultation with an advisor, to tailor a course of study that is suited to his or her needs, abilities, interests, or academic and professional goals.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	

MATH-253	STATISTICAL METHODS FOR THE SCIENCES
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II
MTHPT-130	FINITE MATHEMATICS
MTHPT-137	MATH FOR TECHNOLOGY
MTHPT-153	STATISTICAL REASONING

**Humanistic & Artistic Ways of Knowing**

Select one course from two categories: 6.00-8.00

**Literature**

ENGL-175	LITERATURE AND IDEAS
ENGL-257	WORLD CLASSICS
ENGL-258	INTERNATIONAL LITERATURE
ENGL-260	NATIVE AMERICAN LITERATURE
ENGL-261	MYTHOLOGIES

**Arts**

ART-100	INTRODUCTION TO ART
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE
HUM-150	INTRODUCTION TO THE ARTS
MUS-101	SURVEY OF MUSIC
MUS-102	MUSIC IN AMERICA
MUS-150	WORLD MUSIC
MUS-151	HISTORY OF MUSICAL THEATER
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES
THEA-101	SURVEY OF THE THEATER

**Language**

NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II

**Scientific Ways of Knowing**

Select one course from two disciplines; one lab 7.00-8.00

BIOF-100	INTRODUCTION TO BIOINFORMATICS
BIOL-100	CONCEPTS OF BIOLOGY
BIOL-120	PLANTS AND PEOPLE
BIOL-123	BIOLOGY IN FILM
BIOL-175	HUMAN BIOLOGY
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I
CHEM-100	CONCEPTS OF CHEMISTRY
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY
CHEM-111	PRINCIPLES OF CHEMISTRY I
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE
CS-108	INTRODUCTION TO COMPUTER SCIENCE
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOL-101	PHYSICAL GEOLOGY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
ID-240	INTEGRATED SCIENCE II
NS-140	INTEGRATED SCIENCE I
NS-150	INTRODUCTION TO NATURAL SCIENCES <sup>1</sup>
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR
PHYS-111	GENERAL PHYSICS I
or PHYS-112	GENERAL PHYSICS II
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS

PHYS-205	DESCRIPTIVE ASTRONOMY	
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I	
<b>Social &amp; Behavioral Ways of Knowing</b>		
ECON-201	PRINCIPLES OF MACROECONOMICS	3.00
or ECON-202	PRINCIPLES OF MICROECONOMICS	
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	3.00
<b>Diversity</b>		
Select one of the following:		3.00-4.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ANTH-360	RACE AND ETHNICITY	
COMM-345	INTERCULTURAL COMMUNICATION	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS	
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
POLS-285	COMPARATIVE GOVERNMENT	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
SPAN-201	INTERMEDIATE SPANISH I	
SPAN-202	INTERMEDIATE SPANISH II	
SS-184	DIVERSITY IN ORGANIZATIONS	
<b>Integrative Seminar: Ethics &amp; Values</b>		
Select one of the following:		3.00
ID 300A - 300Z (see course descriptions for options)		
ID-301A	HELLS CANYON INSTITUTE	
<b>Foreign/Heritage Language</b>		
Select 16 credits of language if selecting Bachelor of Arts Degree		16.00
<b>Total Credits</b>		<b>37.00-43.00</b>

## Program Requirements

Code	Title	Credits
<b>Major Courses</b>		
Select 54 credits from the following disciplines: AC, BUS, COMM, ECON		54.00
30 credits must be upper division credits in the major area		
Select one course from at least four of the Division's disciplines		
Note: Major Credits may not duplicate Gen Ed courses		
<b>General Electives</b>		
Select 29 elective credits		29.00
<b>Total Credits</b>		<b>83.00</b>

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
CORE	Oral Communication	3.00
CORE	Mathematical Ways of Knowing	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Scientific Ways of Knowing	3.00
ECON-201 or ECON-202	PRINCIPLES OF MACROECONOMICS or PRINCIPLES OF MICROECONOMICS	3.00
ENGL-102	WRITING AND RHETORIC II	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Scientific Ways of Knowing	4.00
Program Requirement	Select AC, BUS, COMM, ECON course	3.00
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	3.00
Elective	Elective Credits	5.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
CORE	Diversity	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Third Year</b>		
<b>Fall</b>		
CORE	Integrative Seminar: Ethics & Values	3.00
Program Requirement	Select AC, BUS, COMM, ECON course	3.00
Program Requirement	Select AC, BUS, COMM, ECON course	3.00
Program Requirement	Select AC, BUS, COMM, ECON course	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
Program Requirement	Select AC, BUS, COMM, ECON course	3.00
Program Requirement	Select AC, BUS, COMM, ECON course	3.00
Program Requirement	Select AC, BUS, COMM, ECON course	3.00
Program Requirement	Select AC, BUS, COMM, ECON course	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Fourth Year</b>		
<b>Fall</b>		
Program Requirement	Select AC, BUS, COMM, ECON in 300/400 level	3.00
Program Requirement	Select AC, BUS, COMM, ECON in 300/400 level	3.00
Program Requirement	Select AC, BUS, COMM, ECON in 300/400 level	3.00



Program Requirement	Select AC, BUS, COMM, ECON in 300/400 level	3.00
Program Requirement	Select AC, BUS, COMM, ECON in 300/400 level	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
Program Requirement	Select AC, BUS, COMM, ECON in 300/400 level	3.00
Program Requirement	Select AC, BUS, COMM, ECON in 300/400 level	3.00
Program Requirement	Select AC, BUS, COMM, ECON in 300/400 level	3.00
Program Requirement	Select AC, BUS, COMM, ECON in 300/400 level	3.00
Program Requirement	Select AC, BUS, COMM, ECON in 300/400 level	3.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>120.00</b>

The BA/BS in General Studies: Business prepares students for a wide variety of opportunities including professional employment and graduate school.

## Marketing AS

The Associate's degree will introduce students to fundamental concepts and principles in marketing. It will prepare students to meet the challenges in the dynamic field of marketing today.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one of the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one of the following:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Arts</b>		

ART-100	INTRODUCTION TO ART	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES	
THEA-101	SURVEY OF THE THEATER	
<b>Language</b>		
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
<b>Scientific Ways of Knowing</b>		
Select one course from two disciplines; one lab		7.00-8.00
BIOF-100	INTRODUCTION TO BIOINFORMATICS	
BIOL-100	CONCEPTS OF BIOLOGY	
BIOL-120	PLANTS AND PEOPLE	
BIOL-123	BIOLOGY IN FILM	
BIOL-175	HUMAN BIOLOGY	
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	
CHEM-100	CONCEPTS OF CHEMISTRY	
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	
CHEM-111	PRINCIPLES OF CHEMISTRY I	
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE	
CS-108	INTRODUCTION TO COMPUTER SCIENCE	
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE	
GEOL-101	PHYSICAL GEOLOGY	
GEOL-120	INTRODUCTION TO EARTH SYSTEMS	
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS	4.00
ID-240	INTEGRATED SCIENCE II	
NS-140	INTEGRATED SCIENCE I	
NS-150	INTRODUCTION TO NATURAL SCIENCES	
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR	
PHYS-111	GENERAL PHYSICS I	
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS	
PHYS-205	DESCRIPTIVE ASTRONOMY	
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I	
<b>Social &amp; Behavioral Ways of Knowing</b>		
Select one course from two disciplines:		6.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	

POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS

**Diversity**

Select one of the following: 3.00-4.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ANTH-360	RACE AND ETHNICITY
COMM-345	INTERCULTURAL COMMUNICATION
ENGL-258	INTERNATIONAL LITERATURE
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
ID-300C	ETHICS AND IDENTITY
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
POLS-285	COMPARATIVE GOVERNMENT
SOC-101	INTRODUCTION TO SOCIOLOGY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
SS-184	DIVERSITY IN ORGANIZATIONS

**Integrative Seminar: Ethics & Values**

Select one of the following: 3.00

ID 300A - 300Z (see course descriptions for options)	
ID-301A	HELLS CANYON INSTITUTE

## Program Requirements

Code	Title	Credits
<b>Major Courses</b>		
AC-231	PRINCIPLES OF ACCOUNTING I	3.00
BUS-101	INTRODUCTION TO BUSINESS	3.00
BUS-220	BUSINESS COMMUNICATIONS	3.00
BUS-221	INTRODUCTION TO COMPUTERS/INFO SYSTEMS	3.00
<b>Upper Division Courses</b>		
BUS-311	FOUNDATIONS OF MANAGEMENT THEORY	3.00
BUS-321	PRINCIPLES OF MARKETING	3.00
<b>Business Electives</b>		
Select two from the following:		6.00

BUS-323	PROMOTION METHODS	
BUS-333	CONSUMER BEHAVIOR	
BUS-340	RETAIL MARKETING	
<b>Total Credits</b>		<b>24.00</b>

Students must earn at least a "C-" in all major courses.

Student must earn at least a 2.5 grade point average in all business courses combined, including accounting and economics

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
CORE	Mathematical Ways of Knowing	3.00
CORE	Oral Communication	3.00
CORE	Scientific Ways of Knowing	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
BUS-101	INTRODUCTION TO BUSINESS	3.00
CORE	Diversity	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
ECON-201 or ECON-202	PRINCIPLES OF MACROECONOMICS or PRINCIPLES OF MICROECONOMICS	3.00
ENGL-102	WRITING AND RHETORIC II	3.00
<b>Credits</b>		<b>15.00</b>
<b>Second Year</b>		
<b>Fall</b>		
AC-231	PRINCIPLES OF ACCOUNTING I	3.00
BUS-220	BUSINESS COMMUNICATIONS	3.00
BUS-311	FOUNDATIONS OF MANAGEMENT THEORY	3.00
CORE	Scientific Ways of Knowing	4.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
<b>Credits</b>		<b>16.00</b>
<b>Spring</b>		
BUS-221	INTRODUCTION TO COMPUTERS/INFO SYSTEMS	3.00
BUS-321	PRINCIPLES OF MARKETING	3.00
CORE	Integrative Seminar: Ethics & Values	3.00
Program Requirement	BUS-323, BUS-333 or BUS-340	6.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>61.00</b>

Graduates with an AS in Marketing go on to obtain careers in a variety of fields:

- Direct Marketing
- Marketing Assistant
- Marketing Assistant
- Retail Marketing
- Public Relations

## Sport Management BA/BS

The Sport Management major prepares students to integrate principles relating to business, kinesiology, and health to the administration and management of athletic programs and organizations, fitness and health clubs, sport recreation services, and related activities. The program focuses

on planning and development; promotion, marketing, and recruitment; management of events, facilities, and personnel; and financial management principles.

Students in this major must have two advisors: one from the Movement and Sport Sciences Division and one from the Business Division.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one of the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-137	MATH FOR TECHNOLOGY	
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Arts</b>		
ART-100	INTRODUCTION TO ART	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES	
THEA-101	SURVEY OF THE THEATER	
<b>Language</b>		
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
<b>Scientific Ways of Knowing</b>		
Select one course from two disciplines; one lab		7.00-8.00
BIOF-100	INTRODUCTION TO BIOINFORMATICS	
BIOL-100	CONCEPTS OF BIOLOGY	

BIOL-120	PLANTS AND PEOPLE
BIOL-123	BIOLOGY IN FILM
BIOL-175	HUMAN BIOLOGY
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I
CHEM-100	CONCEPTS OF CHEMISTRY
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY
CHEM-111	PRINCIPLES OF CHEMISTRY I
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE
CS-108	INTRODUCTION TO COMPUTER SCIENCE
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOL-101	PHYSICAL GEOLOGY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
ID-240	INTEGRATED SCIENCE II
NS-140	INTEGRATED SCIENCE I
NS-150	INTRODUCTION TO NATURAL SCIENCES <sup>1</sup>
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR
PHYS-111	GENERAL PHYSICS I
or PHYS-112	GENERAL PHYSICS II
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS
PHYS-205	DESCRIPTIVE ASTRONOMY
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I

**Social & Behavioral Ways of Knowing**

ECON-201	PRINCIPLES OF MACROECONOMICS	3.00
or ECON-202	PRINCIPLES OF MICROECONOMICS	

Select one of the following: 3.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT/SS-184	DIVERSITY IN ORGANIZATIONS
HRPT/SS-185	HUMAN RELATIONS IN ORGANIZATIONS
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS

**Diversity**

Select one of the following: 3.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ANTH-360	RACE AND ETHNICITY
COMM-345	INTERCULTURAL COMMUNICATION
ENGL-258	INTERNATIONAL LITERATURE
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE

GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT/SS-184	DIVERSITY IN ORGANIZATIONS	
ID-300C	ETHICS AND IDENTITY	
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS	
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
POLS-285	COMPARATIVE GOVERNMENT	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
SPAN-201	INTERMEDIATE SPANISH I	
SPAN-202	INTERMEDIATE SPANISH II	
<b>Integrative Seminar: Ethics &amp; Values</b>		
Select one of the following:		3.00
ID 300A - 300Z (see course descriptions for options)		
ID-301A	HELLS CANYON INSTITUTE	
<b>Foreign/Heritage Language</b>		
Take 16 credits of language classes if selecting a Bachelor of Arts degree		16.00
<b>Total Credits</b>		<b>37.00-42.00</b>

## Program Requirements

Code	Title	Credits
<b>Health &amp; Kinesiology Courses</b>		
HLTH-354	ADDICTION AND PERFORMANCE	2.00
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS	3.00
KIN-260	INTRODUCTION TO KINESIOLOGY AND HEALTH	1.00
KIN-425	ETHICAL DECISION-MAKING SPORT LEADERS	3.00
KIN-484	COMMUNITY RELATIONS IN SPORT	3.00
KIN-485	SPORT LAW	3.00
KIN-486	ORGANIZATION AND ADMINISTRATION OF HEALTH, PHYSICAL EDUCATION, RECREATION, ATHLETICS	3.00
KIN-487	SPORT ADMINISTRATION	3.00
KIN-488	SPORT FACILITIES AND EVENT MANAGEMENT	3.00
KIN-489	SPORT MARKETING AND ADVERTISING	3.00
KIN-494	INTERNSHIP IN KINESIOLOGY	6.00
Select one of the following:		3.00
KIN-221	HISTORY OF SPORT	
KIN-421	PHILOSOPHY OF SPORT	
<b>Business Courses</b>		
AC-231	PRINCIPLES OF ACCOUNTING I	3.00
AC-232	PRINCIPLES OF ACCOUNTING II	3.00
BUS-220	BUSINESS COMMUNICATIONS	3.00
BUS-311	FOUNDATIONS OF MANAGEMENT THEORY	3.00
BUS-321	PRINCIPLES OF MARKETING	3.00
BUS-323	PROMOTION METHODS	3.00
or BUS-431	PUBLIC RELATIONS	
BUS-360	LEADERSHIP	3.00
or BUS-413	ORGANIZATIONAL BEHAVIOR	

BUS-365	BUSINESS LAW I	3.00
BUS-412	HUMAN RESOURCE MANAGEMENT	3.00
ECON/PSYC/SS-300	STATISTICAL METHODS	3.00
<b>Senior Research Project</b>		
Select KIN or BUS option		6.00
<b>Kinesiology Option</b>		
KIN-498	SENIOR RESEARCH PROJECT I	
KIN-499	RESEARCH PROJECT/SEMINAR II	
<b>Business Option</b>		
BUS-498	SENIOR STRATEGIC SEMINAR	
Select one from the following:		
BUS-294	INTERNSHIP IN BUSINESS	
BUS-346	NONPROFIT MANAGEMENT	
BUS-394	INTERNSHIP IN BUSINESS	
BUS-405	ENTREPRENEURSHIP	
BUS-421	MARKETING RESEARCH	
BUS-494	INTERNSHIP IN BUSINESS	
<b>Electives</b>		
Select 11 elective credits		11.00
<b>Total Credits</b>		<b>83.00</b>

No grade lower than a "C" will be accepted in the Program courses for Health & Kinesiology and Business. Students in this major must have two advisors: one from the Movement and Sport Sciences Division and one from the Business Division.

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
CORE	Mathematical Ways of Knowing	3.00
CORE	Oral Communication	3.00
ECON-201 or ECON-202	PRINCIPLES OF MACROECONOMICS or PRINCIPLES OF MICROECONOMICS	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
<b>Credits</b>		<b>12.00</b>
<b>Spring</b>		
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
ENGL-102	WRITING AND RHETORIC II	3.00
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS	3.00
KIN-260	INTRODUCTION TO KINESIOLOGY AND HEALTH	1.00
<b>Credits</b>		<b>13.00</b>
<b>Second Year</b>		
<b>Fall</b>		
AC-231	PRINCIPLES OF ACCOUNTING I	3.00
BUS-311	FOUNDATIONS OF MANAGEMENT THEORY	3.00
CORE	Diversity	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Scientific Ways of Knowing	3.00
HLTH-354	ADDICTION AND PERFORMANCE	2.00
<b>Credits</b>		<b>17.00</b>
<b>Spring</b>		
AC-232	PRINCIPLES OF ACCOUNTING II	3.00
BUS-220	BUSINESS COMMUNICATIONS	3.00



CORE	Scientific Ways of Knowing	4.00
KIN-221 or KIN-421	HISTORY OF SPORT or PHILOSOPHY OF SPORT	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>16.00</b>
<b>Third Year</b>		
<b>Fall</b>		
BUS-321	PRINCIPLES OF MARKETING	3.00
KIN-425	ETHICAL DECISION-MAKING SPORT LEADERS	3.00
KIN-484	COMMUNITY RELATIONS IN SPORT	3.00
KIN-486	ORGANIZATION AND ADMINISTRATION OF HEALTH, PHYSICAL EDUCATION, RECREATION, ATHLETICS	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
CORE	Integrative Seminar: Ethics & Values	3.00
BUS-323 or BUS-431	PROMOTION METHODS or PUBLIC RELATIONS	3.00
KIN-488	SPORT FACILITIES AND EVENT MANAGEMENT	3.00
KIN-485	SPORT LAW	3.00
KIN-489	SPORT MARKETING AND ADVERTISING	3.00
<b>Credits</b>		<b>15.00</b>
<b>Fourth Year</b>		
<b>Fall</b>		
BUS-360 or BUS-413	LEADERSHIP or ORGANIZATIONAL BEHAVIOR	3.00
BUS-412	HUMAN RESOURCE MANAGEMENT	3.00
KIN-487	SPORT ADMINISTRATION	3.00
KIN-494	INTERNSHIP IN KINESIOLOGY	3.00
KIN-498 or BUS-498	SENIOR RESEARCH PROJECT I or SENIOR STRATEGIC SEMINAR	3.00
PSYC-300 or SS-300 or ECON-300	STATISTICAL METHODS or STATISTICAL METHODS or STATISTICAL METHODS	3.00
<b>Credits</b>		<b>18.00</b>
<b>Spring</b>		
BUS-365	BUSINESS LAW I	3.00
KIN-494	INTERNSHIP IN KINESIOLOGY	3.00
KIN-499	RESEARCH PROJECT/SEMINAR II (or BUS: Experiential Component) <sup>1</sup>	3.00
Elective	Elective Credits	5.00
<b>Credits</b>		<b>14.00</b>
<b>Total Credits</b>		<b>120.00</b>

<sup>1</sup> Experiential Component: Select one from the following course options: BUS-294, BUS-346, BUS-394, BUS-405, BUS-421, or BUS-494.

Graduates with a BA/BS in Sport Administration go on to obtain careers in a variety of fields:

- Athletic Program Management
- Event/Facilities Management
- Recreation and Event Planning
- Sport Marketing and Promotions

# Web Design & Development AAS

The Web Design & Development Associate's Degree prepares students with the skills necessary for organizational web design, development, and management. Course work includes applying current trends in web technology, standards, and applications to real-world projects. Successful students will be able to work in development teams and effectively communicate in the web design and development industry.

Upon completion of this degree, students will:

- Describe and define the roles of a web designer and web developer
- Demonstrate the ability to publish and update web sites and set up a domain
- Construct and design a web page, site, and application using standards-driven HTML and CSS
- Implement event-driven programming on a web page using JavaScript
- Distinguish between content management systems and demonstrate their use and utility
- Complete a web design and development portfolio
- Demonstrate understanding of web-based graphic design, image editing, and design layout
- Compare JavaScript frameworks and demonstrate their use in the building of a client-oriented web application
- Research and describe solutions to customer requirements through a web development capstone project

Completion of a Technical Skills Assessment is required.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		3.00
ENGL-101	WRITING AND RHETORIC I	
<b>Oral Communication</b>		
Select one of the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY (or MATH-147A & MATH-147B)	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	
<b>Social &amp; Behavioral Ways of Knowing</b>		
Select one of the following:		3.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	

HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS

**Additional General Education Core**

Select one of the following: 3.00

ART-100	INTRODUCTION TO ART
BIOF-100	INTRODUCTION TO BIOINFORMATICS
BIOL-100	CONCEPTS OF BIOLOGY
BIOL-120	PLANTS AND PEOPLE
BIOL-123	BIOLOGY IN FILM
BIOL-175	HUMAN BIOLOGY
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I
CHEM-100	CONCEPTS OF CHEMISTRY
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY
CHEM-111	PRINCIPLES OF CHEMISTRY I
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE
CS-108	INTRODUCTION TO COMPUTER SCIENCE
ENGL-175	LITERATURE AND IDEAS
ENGL-257	WORLD CLASSICS
ENGL-258	INTERNATIONAL LITERATURE
ENGL-260	NATIVE AMERICAN LITERATURE
ENGL-261	MYTHOLOGIES
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOL-101	PHYSICAL GEOLOGY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE
HUM-150	INTRODUCTION TO THE ARTS
ID-240	INTEGRATED SCIENCE II
ID 300A - 300V (see course descriptions for options)	
ID-301A	HELLS CANYON INSTITUTE
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
MUS-101	SURVEY OF MUSIC
MUS-102	MUSIC IN AMERICA
MUS-150	WORLD MUSIC
MUS-151	HISTORY OF MUSICAL THEATER
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
NS-140	INTEGRATED SCIENCE I
NS-150	INTRODUCTION TO NATURAL SCIENCES
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR
PHYS-111	GENERAL PHYSICS I
or PHYS-112	GENERAL PHYSICS II

PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS	
PHYS-205	DESCRIPTIVE ASTRONOMY	
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
SPAN-201	INTERMEDIATE SPANISH I	
SPAN-202	INTERMEDIATE SPANISH II	
THEA-101	SURVEY OF THE THEATER	
<b>Total Credits</b>		<b>15.00</b>

## Program Requirements

Code	Title	Credits
CITPT-101	INTRODUCTION TO WEB DESIGN & DEVELOPMEN	3.00
CITPT-111/311	WEB DEVELOPMENT BASICS	3.00
CITPT-112/312	FUNDAMENTALS OF COMPUTER PROGRAMMING	3.00
CITPT-117/317	WEB DESIGN FUNDAMENTALS	3.00
CITPT-175/375	INTERACTIVE WEB SCRIPTING	3.00
CITPT-180/380	PORTFOLIO DESIGN	3.00
CITPT-265/465	IMAGE EDITING AND ILLUSTRATION	3.00
CITPT-275/475	WEB AUTHORING SYSTEMS	3.00
CITPT-280/480	WEB DEVELOPMENT CAPSTONE	3.00
CITPT-294A	INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY I	3.00
Select 15 credits from subject CITPT		15.00
Completion of a Technical Skills Assessment is required		
<b>Total Credits</b>		<b>45.00</b>

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
CITPT-101	INTRODUCTION TO WEB DESIGN & DEVELOPMEN	3.00
CITPT-111	WEB DEVELOPMENT BASICS	3.00
CITPT-117	WEB DESIGN FUNDAMENTALS	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
Program Requirement	Select CITPT course	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
CITPT-112	FUNDAMENTALS OF COMPUTER PROGRAMMING	3.00
CITPT-265	IMAGE EDITING AND ILLUSTRATION	3.00
CITPT-275	WEB AUTHORING SYSTEMS	3.00
CORE	Mathematical Ways of Knowing	3.00
CORE	Oral Communication	3.00
<b>Credits</b>		<b>15.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CITPT-175	INTERACTIVE WEB SCRIPTING	3.00
CITPT-180	PORTFOLIO DESIGN	3.00
CORE	Additional General Education Course	3.00
Program Requirement	Select CITPT course	3.00
Program Requirement	Select CITPT course	3.00
<b>Credits</b>		<b>15.00</b>

**Spring**

CITPT-280	WEB DEVELOPMENT CAPSTONE	3.00
CITPT-294A	INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY I	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
Program Requirement	Select CITPT course	3.00
Program Requirement	Select CITPT course	3.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>60.00</b>

Graduates from Web Design and Development programs go on to obtain careers in a variety of fields:

- Web Developer/Manager/Specialist/Coordinator/Administrator
- Web Designer
- Frontend Developer
- Backend Developer
- UI Designer/UX Developer
- Content Strategist

Please check the U.S. Bureau of Labor Statistics website for more information about these careers.

## Minors

### Business Administration Minor

The Business Administration minor requires 24 business credits of which at least 15 credits must be upper-division coursework. Students selecting this minor must include substantive foundation coursework in each of the following areas: accounting, economics, information systems, law, management and marketing.

#### Program Requirements

Code	Title	Credits
AC-231	PRINCIPLES OF ACCOUNTING I	3.00
AC-232	PRINCIPLES OF ACCOUNTING II	3.00
ECON-201 or ECON-202	PRINCIPLES OF MACROECONOMICS PRINCIPLES OF MICROECONOMICS	3.00
<b>Program Electives</b>		
BUS-311	FOUNDATIONS OF MANAGEMENT THEORY	3.00
BUS-321	PRINCIPLES OF MARKETING	3.00
BUS-365	BUSINESS LAW I	3.00
BUS-355	INFORMATION SYSTEMS FOR MANAGERS	3.00
Select 3 upper division Business credits at the 300/400 level		3.00
<b>Total Credits</b>		<b>24.00</b>

### Computer Science Minor

The computer science minor provides students with a broad overview of the discipline of computer science. Students will be introduced to the concepts and principles of computer science in both lecture and laboratory settings. Students will apply computer science principles to solve problems, think critically and recognize computer science in their everyday lives. Students will also develop their programming skills in multiple languages.

#### Program Requirements

Code	Title	Credits
<b>Computer Science Minor Requirements</b>		
CS-101	COMPUTER SCIENCE SEMINAR	1.00
CS-108	INTRODUCTION TO COMPUTER SCIENCE	4.00
CS-111	FOUNDATIONS OF PROGRAMMING	4.00
CS-211	COMPUTER SCIENCE II	4.00

MATH-186	DISCRETE MATHEMATICS	3.00
<b>Computer Science Minor Electives</b>		
Select any Computer Science course numbered 200 and above (CS 200/300/400)		4.00
<b>Total Credits</b>		<b>20.00</b>

## Economics Minor

The economics minor introduces students to fundamental economic concepts and issues while strengthening their analytical skills. As a highly interdisciplinary field, economics can be useful for all students interested in supplementing their existing major. A minor in economics provides knowledge and information that helps students to critically evaluate how society and government policies affect their daily lives. Students will have a choice of options to direct their learning to the specific area of economics in which they are interested. The minor requires 21 credits of coursework.

### Program Requirements

Code	Title	Credits
ECON-201	PRINCIPLES OF MACROECONOMICS	3.00
ECON-202	PRINCIPLES OF MICROECONOMICS	3.00
ECON-301	INTERMEDIATE MACROECONOMICS	3.00
POLS/PHIL-200	SOCIAL AND POLITICAL PHILOSOPHY	3.00
ECON/SS/PSYC-300	STATISTICAL METHODS	3.00
<b>Program Electives</b>		
Select two from the following:		6.00
BUS-301	FINANCIAL MANAGEMENT	
ECON-302	INTERMEDIATE PRICE THEORY	
ECON-465	INTERNATIONAL ECONOMICS	
POLS-300	INTERNATIONAL POLITICAL ECONOMY	
POLS-465	GLOBALIZATION, GEOGRAPHY & THE STATE	
SOC-366	ENVIRONMENT AND SOCIETY	
History course from the 300/400 level		
<b>Total Credits</b>		<b>21.00</b>

## Marketing Minor

The Marketing minor provides students with a background in marketing concepts, practices, and issues. The basic elements of the marketing process are explored. Theoretical and practical applications in marketing in the business environment are the focus.

### Program Requirements

Code	Title	Credits
BUS-101	INTRODUCTION TO BUSINESS	3.00
BUS-311	FOUNDATIONS OF MANAGEMENT THEORY	3.00
BUS-321	PRINCIPLES OF MARKETING	3.00
BUS-421	MARKETING RESEARCH	3.00
BUS-482	INTERNATIONAL MARKETING	3.00
ECON-201	PRINCIPLES OF MACROECONOMICS	3.00
or ECON-202	PRINCIPLES OF MICROECONOMICS	
<b>Program Electives</b>		
Select two from the following:		6.00
BUS-323	PROMOTION METHODS	
BUS-333	CONSUMER BEHAVIOR	
BUS-340	RETAIL MARKETING	
BUS-428	MARKETING MANAGEMENT	
BUS-431	PUBLIC RELATIONS	
<b>Total Credits</b>		<b>24.00</b>

## Nonprofit Management Minor

The Nonprofit Management Minor is a 21-credit focus on management in the nonprofit sector. Students from all majors can pursue this minor to prepare for leadership roles in various nonprofit agencies. Students completing this minor will have a familiarity with management, leadership, fundraising, grant writing, and other important skills useful in nonprofit organizations.

### Program Requirements

Code	Title	Credits
BUS-311	FOUNDATIONS OF MANAGEMENT THEORY	3.00
BUS/COMM-346	NONPROFIT MANAGEMENT	3.00
BUS/COMM-347	NONPROFIT FUNDRAISING	3.00
BUS/COMM-348	NONPROFIT GRANT WRITING	3.00
BUS-360	LEADERSHIP	3.00
Select two from the following:		6.00
AC-319	NOT-FOR-PROFIT ACCOUNTING	
BUS-220	BUSINESS COMMUNICATIONS	
BUS-321	PRINCIPLES OF MARKETING	
BUS-363	Course BUS-363 Not Found	
BUS-412	HUMAN RESOURCE MANAGEMENT	
BUS-431	PUBLIC RELATIONS	
<b>Total Credits</b>		<b>21.00</b>

## Graduate Studies

### Nursing Management and Leadership Graduate Certificate

The Nursing Management and Leadership Certificate will prepare you with the knowledge and skills needed to lead change and manage improved patient outcomes at all levels of healthcare organizations as you respond to the explosion of new technologies, increased diversity, and global health challenges in today's rapidly evolving healthcare system. The curriculum is designed to provide critical skills in policy development and evaluation, data analysis, population health, patient-centered care, and quality improvement and utilization. The program culminates in an internship that synthesizes prior learning through field experience and a capstone project.

### Program Requirements

Code	Title	Credits
BUS-512	HUMAN RESOURCE MANAGEMENT IN HEALTHCARE	3.00
NU-582	HEALTHCARE POLICY	2.00
NU-584	HEALTHCARE ECONOMICS	2.00
NU-594	INTERNSHIP IN NURSING	3.00
Select one of the following:		3.00
BUS-513	ORGANIZATIONAL BEHAVIOR	
BUS-560	LEADERSHIP	
<b>Total Credits</b>		<b>13.00</b>

### Sport Coaching Graduate Certificate

The Sport Coaching Graduate Certificate will prepare students with both the technical and tactical knowledge, leadership skills, and decision-making abilities to effectively train athletes physically and mentally while adhering to best practices in competitive ethics. The curriculum is aligned with the National Standards for Sport Coaches and will provide students with principles relative to best coaching practices that can be applied at any level of sport. Each student will complete a required coaching practicum to align course work with current coaching practice.

### Program Requirements

Code	Title	Credits
KIN-510	APPLIED SPORT PSYCHOLOGY	3.00
KIN-520	COACHING COMPETITIVE ETHICS	3.00
KIN-563	APPLIED SPORT PHYSIOLOGY	3.00

# Nursing and Health Sciences Division

## Contact Information

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## Introduction to the Nursing and Health Sciences Division

The Nursing and Health Sciences Division exists to facilitate development of outstanding healthcare providers committed to excellence in the delivery and management of patient centered care. Majors are offered in professional nursing, and radiographic science. Students engage in classroom, clinical, and other experiential learning opportunities to build the foundational knowledge necessary for entry into practice in their identified healthcare field.

### Accreditation

#### Bachelor of Science in Nursing

The baccalaureate degree program in nursing at Lewis-Clark State College is accredited by the Commission on Collegiate Nursing Education, 655 K Street NW, Suite 750, Washington, DC 20001, 202-887-6791. The program is approved by the Idaho Board of Nursing.

#### Radiographic Science

Lewis-Clark State College is accredited by the Northwest Commission of Colleges and Universities (NWCCU) and the program is accredited by the Joint Review Commission on Education in Radiologic Technology (JRCERT).

## Majors Offered

- Bachelor of Science in Nursing (BSN)
- Associate of Science Radiographic Science (ASRS)
- Bachelor of Arts/Science Radiographic Science (BA/BS RS)
- Bachelor of Arts/Science Computed Tomography

## Program Outcomes

### Bachelor of Science in Nursing

1. Graduates who are well prepared to function as a baccalaureate nurse in various healthcare settings.
2. Graduates who are well prepared to participate as a member of interdisciplinary healthcare teams.
3. Graduates who are well prepared to understand and assume leadership roles in the healthcare system.
4. Stakeholders who are satisfied with the BSN curriculum and educational experience.
5. Students who graduate from the program.

### Radiographic Science

Graduates of the radiographic science program will:

1. Demonstrate clinical competency.
2. Demonstrate strong communication skills.
3. Demonstrate critical thinking.
4. Demonstrate professionalism and ethical judgment skills.

### Expectations of Students

#### Bachelor of Science in Nursing

(Refer to the current NHS Student Handbook for details and additional criteria: Student Resources - Nursing & Health Sciences Division | Lewis-Clark State (lcsc.edu) (<https://www.lcsc.edu/nursing/nhs-student-resources/>)

1. Minimum grade requirements and penalties for repeated courses apply. See current year NHS Student Handbook and BSN Program application for details. Admitted students who earn less than the required course grade are dismissed from the program and must apply for re-entry if they meet criteria to do so. Re-entry to the BSN program is partially based on clinical and faculty resources and is not guaranteed.



- Throughout the program, RN-BSN and LPN-BSN students are required to maintain current Registered Nurse or Licensed Practical Nurse licensure in good standing. It is the student's responsibility to immediately notify the Division Chair in writing of any changes in licensure status.
- Students must complete and pass an annual background check and maintain currency regarding health and CPR requirements. Policies and requirements are posted to the NHS Division web page and are noted in the NHS Student Handbook. Additional fees apply.
- Students are required to demonstrate professionalism in all classroom and clinical settings.
- Faculty reserve the right to make program modifications as necessary to meet current professional standards, accreditation criteria, and other policies.
- Nursing students may petition selected courses for credit by exam or challenge. (See the NHS Student Handbook, your advisor, and the course instructor for challenge exam information.)
- All students are required to participate in college and program assessments and outcomes testing.
- Clinical practicum hours and locations vary. Travel to clinical sites is expected. Students are responsible for their own transportation to clinical facilities and associated lodging/meal expenses.
- For RN-BSN students, all Nursing (NU) courses must be completed within 4 years after taking the first nursing course **or students may be required to meet current program requirements.**

### Radiographic Science

(Any changes will be reflected in the current NHS Student Handbook: at Student Resources - Nursing & Health Sciences Division | Lewis-Clark State (lcsc.edu) (<https://www.lcsc.edu/nursing/nhs-student-resources/>)

- A minimum grade of 75% is required in each RS program course. Students receiving a grade below 75% are required to repeat the course and earn a 75% or better; courses may be repeated one time only. Admitted students who do not earn a minimum grade of 75% in each RS course are dismissed from the program and must apply for re-entry. Re-entry decisions are partially based on clinical and faculty resources.
- Students must complete and pass an annual background check and maintain currency regarding health and CPR requirements. Current requirements and associated fees are posted to the NHS Division web page.
- Students are required to demonstrate professionalism in all classroom and clinical settings.
- Faculty reserve the right to make program modifications as necessary to meet current professional standards, accreditation criteria, and other policies.
- All students are required to participate in college and program outcome testing and assessments.
- Clinical practicum hours and locations vary. Students are responsible for their own transportation to clinical facilities and associated lodging/meal expenses.

### Assessment

All NHS students will take standardized assessment exams throughout their respective programs. Additionally, during the program and upon program completion, all NHS students are expected to complete course evaluations, as well as program assessment and exit surveys.

### Admission Requirements

All NHS students must meet pre-program and annual health (eg. immunizations), and criminal background check requirements, as well as maintain CPR certification and personal health insurance throughout the program. Separate fees apply. Any student with a prior misdemeanor or felony charge or conviction should contact the appropriate licensing board and discuss with your program academic advisor prior to applying for entrance to any NHS Program. The NHS Background Check Policy is found in the NHS Student Handbook on the NHS web page. Clinical agencies may have additional requirements for background checks, drug testing and/or health requirements.

TOEFL Scores for non-native English speakers: Applicants to any NHS program for whom English is not the first and native language are required to take the iBT (internet TOEFL) or the IELTS test within the two years prior to the date of application. A minimum score of 84 on the iBT test with a verbal sub-score of at least 26 or 6.5 on the IELTS with minimum sub-scores of at least 6 is required.

### Bachelor of Science in Nursing

- Completion of pre-program requirements at LC State or an accredited university or college.
- General LC State admission requirements.
- Submission of completed application and fee to NursingCAS ([www.nursingcas.org](http://www.nursingcas.org/)) for acceptance into the upper division BSN curriculum. See the NHS web site ([www.lcsc.edu/nursing/](http://www.lcsc.edu/nursing/)) for admission criteria (TOEFL, GPA, Certified Nurse Assistant certification or LC State Equivalency, prerequisite coursework), dates and processes. Admission is competitive with a limited number of seats each semester.
- Transfer students must submit course descriptions of prerequisite courses with application to determine equivalency.
- Applicable policies and information are located in the NHS Student Handbook on the NHS web page.

## Radiographic Science

1. Completion of pre-program requirements at LC State or an accredited university or college.
2. Submission of completed application to the Nursing and Health Sciences Division. See the NHS web site ([www.lcsc.edu/nursing](http://www.lcsc.edu/nursing) (<http://www.lcsc.edu/nursing/>)) for admission criteria (TOEFL, GPA, entrance test, prerequisite and support coursework) and deadlines. Non-refundable fee must accompany application. Admission is competitive with a limited number of spaces each year.
3. Transfer students must submit course descriptions of prerequisite and support courses with application to determine equivalency.
4. Applicable policies and information are located in the NHS Student Handbook on the NHS web page.

## Advising

### Bachelor of Science in Nursing

Academic advising is provided by BSN faculty and NHS Program Advisors and is required of all pre-nursing students and those admitted to any Nursing major.

### Radiographic Science

Academic advising is provided by Radiographic Science program faculty and NHS Program Advisors and is required of all pre-RS students and those admitted to any RS program.

## Minors, Certificates, Transfer Programs

The baccalaureate Certificate in Nursing Management & Leadership (CNML) is a four course, 10-credit certification program that prepares BSN nurses to take the AONE/AACN Certified Nurse Manager and Leader exam. Curriculum is tailored to meet the needs of today's nurse leaders with content in financial management, human resource management, performance improvement, and strategic management and technology. Nursing Management & Leadership - Nursing & Health Sciences Division | Lewis-Clark State ([lcsc.edu](http://lcsc.edu)) (<https://www.lcsc.edu/nursing/nursing-management-leadership-certificate/>)

The Graduate Certificate in Nursing Management & Leadership is a five course, 13-credit certification program that builds on your nursing experience to gain additional knowledge and skills toward a career path in healthcare leadership. Completion of the fully online coursework prepares nurses to take the AONL/ AACN Certified Nurse Manager and Leader exam. Graduate Certificate in Nursing Management & Leadership - Nursing & Health Sciences Division | Lewis-Clark State ([lcsc.edu](http://lcsc.edu)) (<https://www.lcsc.edu/nursing/graduate-certificate-in-nursing-management-leadership/>)

## Special Policies

### Bachelor of Science in Nursing

BSN students incur costs for program application, textbooks, laboratory supplies, background check and tracking of health requirements, assessment testing, and liability insurance.

### Radiographic Science

RS students incur costs for program application, entrance testing, radiation badges, text books, laboratory supplies, background check and tracking of health requirements, assessment testing, and liability insurance.

## Clubs, Honor Societies, other Activities

Nursing students are invited to join the LC State chapter of the Idaho State Nurse Association (INSA). INSA students participate in educational and health promotion opportunities across campus, participate in fundraising endeavors, and engage in professional development activities.

The purpose of INSA is:

1. To assume responsibility for contributing to nursing education in order to provide for the highest quality health care.
2. To provide programs representative of fundamental and current professional interests and concerns.
3. To aid in the development of the whole person and his/her professional role and his/her responsibility for the health care of all people.

## Preparation for Future Graduate Studies

### Bachelor of Science in Nursing

The BSN program provides an educational foundation for continued nursing study at the graduate level.

### Radiographic Science

The ASRS program provides an educational foundation for continued radiographic study at the baccalaureate level.

**NU-190 DIRECTED STUDY IN NURSING 1.00-3.00 Credits****NU-193 SERVICE LEARNING 1.00-12.00 Credits****NU-290 DIRECTED STUDY IN NURSING 1.00-3.00 Credits****NU-291 WORKSHOP IN NURSING 1.00-3.00 Credits****NU-292 SPECIAL TOPICS IN NURSING 1.00-12.00 Credits****NU-295 PRACTICUM IN NURSING 1.00-12.00 Credits****NU-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****NU-306 HEALTH ASSESSMENT 2.00 Credits**

The theory component introduces a systems approach using the nursing process as a foundation for conducting a physical health assessment of an individual. The process includes data collection, interpretation, and documentation. The lab portion provides an opportunity to practice and apply techniques of physical assessment.

**NU-308 NURSING APPLICATIONS OF GENETICS 1.00 Credit**

Utilize previously gained knowledge in genetics to explore nursing interventions in genetic science and legal, ethical, and social implications of genetic manipulation.

**NU-309 SKILLS TRANSITION 1.00 Credit**

Designed for the LPN transitioning to the BSN role, this course assures competency in the skills required of the professional nurse. Basic skills will be reviewed. The student will learn additional professional nurse skills to include central venous monitoring and dressing changes, CVP measurement, intravenous medication administration, chest tube management, infusion algorithms, blood administration, and basic EKG skills. Prerequisite: Admission to LPN to BSN track.

**NU-310 END OF LIFE CARE 1.00 Credit**

Increase your knowledge and skills in caring physically and emotionally for dying patients of all ages and their families. Emphasis will be on caring for patients in acute care settings, but hospice care will be discussed. Mourning will also be addressed.

**NU-312 PHARMACOLOGY IN NURSING 3.00 Credits**

Provides the student with the knowledge necessary to administer medications as a provider of care. Examines principles of pharmacology within the framework of body systems and alterations of health across a lifespan. The physiologic process of drug actions, adverse effects of medication therapy, and safe administration are emphasized.

**NU-313 PROFESSIONAL ROLE DEVELOPMENT I: PROVIDER OF CARE 4.00 Credits**

Investigates the roles and responsibilities of the professional nurse as provider of care to individuals. Professional standards of practice, principles of evidence-based practice, and the program philosophy are introduced. Fundamental skill development and use of technology in providing nursing care are emphasized.

**NU-314 PROFESSIONAL ROLE DEVELOPMENT II: DESIGNER OF CARE 3.00 Credits**

Examine the role of the professional nurse as Provider of Care through understanding the theoretical and historical basis for nursing practice. The role of nurse as Provider of Care is expanded to include families as clients. The role of Designer of Care is explored as it relates to the role of the nurse for the client and family. Outcome analysis and evaluation is emphasized as a part of the nursing process.

**NU-317 PROFESSIONAL ROLE DEVELOPMENT II: DESIGNER OF CARE 2.00 Credits**

The purpose of this course is to explore the foundational ideas of professional nursing practice. The course is framed in the programs outline of Provider & Designer of Care as the basis for practices used in working with the patient and family. Topics include, ethics, interdisciplinary collaboration, legal aspects, Nurse Practice Act, organ donation, models of care, and concepts related to nursing theory. Skills in nurse caring, communication, teaching-learning, prioritization/decision-making, and customer service are also covered.

**NU-318 NURSING GENETICS 3.00 Credits**

This course provides the BSN degree-seeking student with a basic understanding of genetics from a nursing perspective. It is designed to help students expand their learning about basic concepts of molecular genetics, gene expression, and genomics as it applies to health issues through the life span and how it influences specific health problems, and ethical concerns. Specific health topics of behavioral health, cardiovascular disease, cancer, immunity, and responses to medications will be applied to nursing issues in diverse contexts. Pre-requisite: Admission to the basic BSN, LPN-BSN, RN-BSN track, or instructor permission.

**NU-325 ALTERATIONS IN HEALTH I 3.00 Credits**

Provides the student with a comprehensive theoretical foundation for the management of clients across the lifespan who experience alterations in health. The course builds on knowledge from the biological support courses to examine health problems within the context of medical and nursing sciences. Skills in critical thinking are developed for application to the nursing process as a provider of care.

**NU-326 ALTERATIONS IN HEALTH AND PHARMACOLOGY RECITATION 1.00 Credit**

This course is designed to enhance student learning and to increase proficiency in critical thinking and problem solving with the goal of optimizing student success in NU 325 Alterations in Health I and NU 312 Pharmacology in Nursing. Concurrent enrollment in NU 325 and NU 312 is required. Graded Pass/Fail.

**NU-332 PRACTICUM: ALTERATIONS IN HEALTH I 5.00 Credits**

The professional nurse role of provider of care is practiced in a variety of settings with individuals across the lifespan. Integrates basic skill performance, the application of the nursing process, critical thinking and teaching skills to clients experiencing alterations in health. Written and verbal communication within the healthcare team and to patients is emphasized. Graded Pass/Fail only.

**NU-341 ALTERATIONS IN HEALTH II 3.00 Credits**

Provides the student with a comprehensive theoretical foundation for clients experiencing complex alterations in health. Expands knowledge of the nursing and medical sciences for examining increasingly complex alterations of health for individuals across the lifespan within the context of family. Skills in critical thinking and judgment continue to be emphasized as a provider and designer of care.

**NU-342 PRACTICUM: ALTERATIONS IN HEALTH II 5.00 Credits**

Expands the professional nurse role of provider of care. Introduces the role as designer of care to clients across the lifespan in the context of their social support system. Integrates advanced skill performance, individualized application of the nursing process, critical thinking and teaching skills to clients experiencing more complex alterations in health, including mental illness. Emphasis on therapeutic communications, and coordination and evaluation of care. Graded Pass/Fail only.

**NU-352 PSYCHIATRIC AND MENTAL HEALTH NURSING 2.00 Credits**

Introduces the role of the professional nurse in caring for mentally ill individuals in inpatient and community settings. Theoretical knowledge of psychiatric conditions and appropriate nursing and therapeutic interventions are taught. Emphasis on therapeutic communication and treatment modalities to assist patients to attain optimal mental wellness.

**NU-354 GERIATRIC NURSING 2.00 Credits**

Examines issues related to the provision of holistic nursing care to elderly clients. Emphasis on assessment, health promotion, development and cultural aspects of aging. Chronicity and common syndromes associated with aging, along with theories of aging are examined. The importance of individualized interventions in geriatrics is stressed.

**NU-356 GERIATRIC NURSING-LPN 1.00 Credit**

This course builds upon knowledge learned in the LCSC Practical Nursing program and focuses on issues related to the provision of holistic nursing care to older adults. Emphasis is placed on assessment, health promotion, developmental and cultural aspects of aging. Chronicity and common syndromes associated with aging are evaluated. The importance of individualized interventions in geriatrics is stressed. The purpose of the course is to develop confidence and competence in providing care to members of the older adult population and provides the foundation of knowledge required for baccalaureate prepared nurses. This course is available to graduates of the LCSC PN program. Pre-requisite: Admission to the LPN-BSN track or permission by instructor.

**NU-360 TRANSCULTURAL HEALTHCARE 2.00 Credits**

Focuses on transcultural nursing and healthcare, with culturally competent care as the central phenomenon to promote health and well-being. This course is designed to help students expand their learning about culture care beliefs, values and practices of specific cultures, subcultures, and marginalized groups. Specific transcultural nursing/health care concepts, principles, and strategies will be applied to contemporary issues in diverse contexts. Writing integrated.

**NU-390 DIRECTED STUDY IN NURSING 1.00-3.00 Credits****NU-392 SPECIAL TOPICS IN NURSING 1.00-3.00 Credits****NU-399 RESEARCH ASSISTANTSHIP 1.00-3.00 Credits****NU-407 MATERNAL HEALTH THEORY 2.00 Credits**

Provides a theoretical framework for the care of pregnant women, and families in a variety of settings. Utilizes the nursing process to explore therapeutic nursing interventions and the roles of the professional nurse. Pre-requisite: Acceptance to BSN Program or permission of instructor and successful completion of all previous nursing classes with a grade of C or above.

**NU-408 PEDIATRIC HEALTH THEORY 2.00 Credits**

Provides a theoretical framework for the care of children, and families in a variety of settings. Utilizes the nursing process to explore therapeutic nursing interventions and the roles of the professional nurse. Pre-Requisite: Acceptance to BSN Program or permission of instructor and successful completion of all previous nursing classes with a grade of C or above.

**NU-413 PROFESSIONAL ROLE DEVELOPMENT III: MANAGER/COORDINATOR OF CARE 3.00 Credits**

Explores the roles and responsibilities of the professional nurse as manager/coordinator of care for diverse clients and in the healthcare system. The exploration of nursing and management theories provides a basis for the roles of patient advocate, interdisciplinary coordinator, and team manager. Management skills emphasized in this course include management of quality nursing care through outcome and evidence-based evaluation, collaboration, and collegiality.

**NU-414 PROFESSIONAL ROLE DEVELOPMENT IV: MEMBER OF THE PROFESSION 2.00 Credits**

Develops and refines the role of the baccalaureate nurse as a leader within the profession and society. Professional and societal issues are used as a forum for the development of personal goals for lifelong learning. Leadership skills include advocacy, communication, and political awareness.

**NU-416 PRACTICUM IN FAMILY HEALTH 3.00 Credits**

Applies theoretical knowledge in the care of children, pregnant women, and families in a variety of settings. Integrates basic skill performance, the application of the nursing process, critical thinking and teaching skills.

**NU-418 FAMILY NURSING 2.00-3.00 Credits**

Provides a theoretical framework for the care of children, pregnant women, and families in a variety of settings. Utilizes the nursing process to explore therapeutic nursing interventions and the roles of the professional nurse. This course may be a theory or a combined theory/clinical option depending on student learning needs. Pre-Requisite: Acceptance to PN-BSN Program or permission of instructor and successful completion of all previous nursing classes with a grade of C or above.

**NU-421 PREPARATION FOR NCLEX AND PROFESSIONAL PRACTICE 2.00 Credits**

Synthesizes knowledge from all previous BSN courses; thus preparing students for the provision of safe care during their guided preceptorship experience. Knowledge and skills in critical thinking and judgment continue to be emphasized, particularly in relation to preparation for graduation and licensure. Expands knowledge regarding NCLEX style test taking. Pre-requisite: Completion of all prior nursing courses or permission of instructor.

**NU-440 POPULATION HEALTH 3.00 Credits**

Explores the theoretical and conceptual foundations of population health and community and public health nursing. Community assessment, population-focused practice, epidemiology, and health promotion are examined in a rural, regional, and global context.

**NU-442 PRACTICUM IN POPULATION HEALTH 2.00 Credits**

Provides the opportunity to apply theoretical and conceptual foundations learned in NU-440 Population Health with clinical practice, focusing on the community as client. A variety of clinical partnerships provide students with opportunities to participate in population health initiatives. The student develops community assessment, analysis, and diagnosis, as the basis for implementation of community-level interventions for health promotion in diverse community settings, as well as skills in organizing and developing community partnerships. Graded Pass/Fail only. Co-requisite: NU-440 must be taken concurrently or prior to NU-442.

**NU-447 EVIDENCE BASED PRACTICE FOR NURSING 3.00 Credits**

Develops basic research concepts and processes that are necessary for the professional nurse to participate in evidence-based practice (EBP). Emphasis on the utilization of research through the process of retrieval, critical appraisal, and synthesis of evidence in collaboration with other members of the healthcare team. Applies evidence to clinical practice through the dissemination of EBP with a focus on improved patient care/outcomes, nursing practice, and healthcare systems. Pre-requisite: Acceptance to BSN program; PSYC-300, MATH-153 or MATH-253 or equivalent, with a grade of C or better.

**NU-469 HEALTHCARE POLICY AND ECONOMICS 2.00 Credits**

Provides the student with a basic understanding of the world of healthcare from an economic and political point of view. The student will gain an understanding of the business and financial environments impacting healthcare today, general economic and financial concepts, budgeting processes, the influence of economic and political factors on access to healthcare, and the use of financial information in the decision-making process. Pre-requisite: MATH 153 or MATH 253 or PSYC 300 or equivalent.

**NU-477 GUIDED PRECEPTORSHIP 4.00 Credits**

Synthesizes the role of the professional nurse as a Provider/Designer/Manager of care to individuals and groups through application of all previous clinical and theoretical coursework. In a supervised setting, the student's competence in nursing skills and the nursing process is assessed followed by advancement to an independent preceptorship in an assigned clinical setting. The professional nurse roles of provider of care, designer/manager/coordinator of care, and member of the profession are emphasized.

**NU-478 PRACTICUM IN LEADERSHIP FOR THE REGISTERED NURSE 2.00 Credits**

Facilitates the application of theoretical leadership and management concepts while working with a nurse manager or leader in a variety of settings. Emphasis on change, communication, current practice and care delivery issues, and development of professional leadership skills for the registered nurse.

**NU-480 NEONATAL RESUSCITATION 1.00 Credit**

This course is intended primarily for persons who may be required to assist with the resuscitation of a newborn infant in a hospital setting. The material used in this course is provided by the American Heart Association of the American Academy of Pediatrics. Pre-requisite: Permission of the instructor.

**NU-482 HEALTHCARE POLICY 2.00 Credits**

Examines the world of healthcare from a political and socioeconomic point of view. The student will gain an understanding of the structure of the U. S. healthcare system and how it contrasts with those of other developed nations, issues impacting healthcare today, and the influence of political factors on cost, quality, and access to healthcare.

**NU-484 HEALTHCARE ECONOMICS 2.00 Credits**

Provides the student with a basic understanding of the world of healthcare from an economic and financial point of view. The student will gain an understanding of the business and financial environments impacting healthcare today, general economic and financial concepts, budgeting processes, the influence of economic factors on access to healthcare, and the use of financial information in the decision-making process.

**NU-490 DIRECTED STUDY IN NURSING 1.00-3.00 Credits****NU-491 WORKSHOP IN NURSING 1.00-3.00 Credits****NU-492 SPECIAL TOPICS IN NURSING 1.00-12.00 Credits****NU-494 INTERNSHIP IN NURSING 3.00 Credits**

Internship in Nursing opportunity to integrate the skills and knowledge acquired in all previous coursework leading to the Business Administration degree with a Healthcare Management Emphasis. Students will engage in practical experience shadowing a healthcare manager, and the design, execution, and presentation of a healthcare management capstone project. Additionally, students will participate in service learning for their community; evaluate and discuss ethical issues in collaboration with their colleagues; and synthesize prior learning with a formal research paper on the future of healthcare management.

**NU-495 PRACTICUM IN NURSING 1.00-12.00 Credits****NU-498 CAPSTONE: HEALTHCARE MANAGEMENT 3.00 Credits**

This culminating course provides students the opportunity to integrate the skills and knowledge acquired in all previous coursework leading to the Business Administration degree with a Healthcare Management Emphasis. Students will engage in practical experience shadowing a healthcare manager, and the design, execution, and presentation of a healthcare management capstone project. Additionally, students will participate in service learning for their community; evaluate and discuss ethical issues in collaboration with their colleagues; and synthesize prior learning with a formal research paper on the future of healthcare management.

**NU-499 RESEARCH PROJECT AND SEMINAR IN NURSING 1.00-12.00 Credits****NU-582 HEALTHCARE POLICY 2.00 Credits**

Examines the world of healthcare from a political and socioeconomic point of view. The student will gain an understanding of the structure of the U. S. healthcare system and how it contrasts with those of other developed nations, issues impacting healthcare today, and the influence of political factors on cost, quality, and access to healthcare.

**NU-584 HEALTHCARE ECONOMICS 2.00 Credits**

Provides the student with an understanding of the world of healthcare from an economic and financial point of view. The student will gain an understanding of the business and financial environments impacting healthcare today, general economic and financial concepts, budgeting processes, the influence of economic factors on access to healthcare, and the use of financial information in the decision-making process.

**NU-594 INTERNSHIP IN NURSING 3.00 Credits**

This culminating course provides students the opportunity to integrate the skills and knowledge acquired in all previous coursework. Students will engage in practical experience shadowing a healthcare manager, including the design, execution, and presentation of a healthcare management capstone project. Additionally, students will participate in service learning for their community; evaluate and discuss ethical issues in collaboration with their colleagues; and synthesize prior learning with a formal research paper on the future of healthcare management. Prerequisites: NU-582 and NU-584.

**RS-201 MEDICAL TERMINOLOGY FOR RADIOGRAPHERS 2.00 Credits**

This online course serves as an introduction to Medical Terminology. The emphasis will be on the word-building process, medical abbreviations and symbols, as well as terminology used for specific radiologic procedures and diagnostic reports. Pre-requisites: Admission to the Associate of Science in Radiography program and/or permission of the instructor.

**RS-220 PATIENT CARE IN RADIOGRAPHY 2.00 Credits**

Addresses principles and practices of patient care in the radiographic setting. Standards of patient care for the radiographer as a member of the health care interdisciplinary team in the hospital and clinic setting will be presented, with a focus on medical ethics and legal issues pertaining to the radiography setting. Students will demonstrate contrast media administration, patient preparation for radiographic examinations and safety awareness. Pre-requisite: Admission to the Associate of Science in Radiography program and/or permission of the instructor.

**RS-221 RADIOGRAPHIC METHODS I 3.00 Credits**

Core positioning practices in radiography. Simulated X-ray exams will be performed on upper and lower extremities, chest and abdomen. Phantom anatomical models may be imaged and film critique will be performed on each positioning protocol. There may be a few visits to local clinical sites to aid in understanding equipment descriptions, manipulations of locks and control panels, ext (time permitting). Pre-requisite: Admission to the Associate of Science in Radiography program and/or permission of the instructor.

**RS-222 RADIOGRAPHIC METHODS II 3.00 Credits**

This is a lecture/laboratory course of principles and practices of cranial radiography - including skull, facial bones, paranasal sinuses and mandible. Anatomy and positioning of the spinal cord will also be introduced. Techniques of patient care, positioning, technique, film critique, anatomy and pathology will be presented. Observations and practice will occur in the laboratory classroom.

**RS-240 QUALITY ASSURANCE AND TECHNICAL IMAGING 3.00 Credits**

A technical overview of radiography to include the x-ray tube, tube rating charts, tube failure, x-ray physics, x-ray production, x-ray machine components, x-ray machine circuits, beam restriction devices, grids, geometric factors, fluoroscopy, x-ray technique, digital/computer imaging, and quality control criteria. Pre-requisite: Admission to the Associate of Science in Radiography program and/or permission of the instructor.



**RS-242 CR/DR APPLICATIONS 1.00 Credit**

Review the history of digital image acquisition as well as an introduction of Radiology Information Systems and their role in hospital information systems (HIS) and exploration of the importance of digital image communication in medicine (DICOM) in a radiology department. Pre-requisite: Admission to the Radiographic Science program.

**RS-255 RADIOGRAPHIC PATHOLOGY 3.00 Credits**

Basic principles of pathology and radiographic appearance of specific diseases. Selecting proper modalities related to disease processes, technical factors, and determination for retaking radiographs that might be acceptable under different circumstances. Co-requisites: RS 260 and RS 265.

**RS-258 SPECIAL PROCEDURES I 2.00 Credits**

This lab-based course focuses on the principles and practices of special procedures most commonly performed in our regional hospitals. Mobile radiography and trauma Imaging will be discussed. Special emphasis will be placed on fundamentals of assisting the Radiologist during fluoroscopic examinations. Pre-requisite: Admission to Radiographic Science program.

**RS-261 APPLIED RADIOGRAPHY I 8.00 Credits**

Core positioning practices in radiography demonstrated in the clinical environment. Student begins to obtain competencies for Chest, Abdomen, Upper extremity and Lower extremity radiographic examinations.

**RS-288 SIMULATION, SAFETY AND REVIEW I 1.00 Credit**

Integrates basic skill performance through simulation and review of routine examination processes. Simulation activities include utilization of mobile x-ray units, positioning and examination in real life scenarios. Student skills in critical thinking are developed through application, observation and evaluation. Must be admitted into the Associate of Science Radiographic Science Program.

**RS-289 SIMULATION, SAFETY AND REVIEW II 1.00 Credit**

Continuation of RS-289. Integrates basic skill performance through simulation and review of routine examination processes. Simulation activities include utilization of mobile x-ray units, positioning and examination in real life scenarios. Student skills in critical thinking are developed through application, observation and evaluation. Must be admitted into the Associate of Science Radiographic Science Program.

**RS-330 RADIOBIOLOGY 3.00 Credits**

Review of cell structure and function, ionizing radiation induced cell damage, history of radiation disease research, and subsequent development of radiation protection guidelines.

**RS-355 REGISTRY REVIEW 2.00 Credits**

This course provides an overview of radiographic terminology, anatomy, positioning, ethics, legal principles, technique, physics, radiobiology special procedures, quality assurance, patient care, and professionalism related to the performance of entry-level radiography in preparation for taking the American Registry of Radiologic Technology (ARRT) Radiography (R) exam.

**RS-358 SPECIAL PROCEDURES II 1.00 Credit**

This hybrid course focuses on the principles and practices of special procedures and advanced imaging modalities. Topics include: the history and development of computed tomography (CT), and introduction to diagnostic ultrasound (US), bone densitometry, mammography, MRI, radiation therapy, and nuclear medicine. Pre-requisite: RS-258.

**RS-359 INTRODUCTION TO COMPUTED TOMOGRAPHY 1.00 Credit**

Introduction of Computed Tomography (CT) instrumentation to include system operation and components, acquisition methods, parameter selection, image processing and display, image quality, artifact recognition, and quality. Must be admitted into the Associate of Science Radiographic Science Program or permission from the instructor.

**RS-362 APPLIED RADIOGRAPHY II 10.00 Credits**

Core positioning in radiography demonstrated in the clinical environment. Continuation of RS 261 to include all needed competency exams required by ARRT.

**RS-363 APPLIED RADIOGRAPHY III 10.00 Credits**

Core positioning practices in radiography demonstrated in the clinical environment. Continuation of 362 to include all needed competency exams by the ARRT.

**RS-390 DIRECTED STUDY: RADIOGRAPHIC SCIENCE 1.00-3.00 Credits****RS-392 SPECIAL TOPIC: RADIOGRAPHIC SCIENCE 1.00-12.00 Credits****RS-405 SECTIONAL IMAGING 3.00 Credits**

This online course provides an overview of axial, coronal and sagittal imaging of the human body as demonstrated via diagnostic imaging procedures. Must be admitted into the LCSC Bachelor of Science in Radiographic Science Computed Tomography Program, current ARRT certification, or permission of the instructor.

**RS-410 CT PATHOLOGY 3.00 Credits**

This online course will explore the basic principles of pathology and computed tomography (CT) of specific disease processes. Selection of proper imaging protocols related to pathology will also be examined. Pre-requisite: Admission into the LCSC Bachelor of Science in Radiographic Science Computed Tomography Program, current ARRT certification, or permission of the instructor.

**RS-420 CT PHYSICS/INSTRUMENTATION 3.00 Credits**

This online course examines Computed Tomography (CT) physics and instrumentation to include system operation and components, image processing and display, image quality, artifact recognition, and quality. Pre-requisite: Admission into the LCSC Bachelor of Science in Radiographic Science Computed Tomography Program, current ARRT certification, or permission of the instructor.

**RS-460 PHARMACOLOGY FOR IMAGING PROFESSIONALS 2.00 Credits**

RS 460 is a 2 credit course that explores the principles of the pharmaceuticals needed to perform today's medical imaging processes along with the indications and contraindications of each; the role the imaging professional plays; the optional routes to administer the products; the Pharmacokinetics coverage that describes how drugs are absorbed, metabolized, distributed, and eliminated; and lastly the emergency procedures in response to adverse reactions to contrast media. Pre-requisite: Admittance into the Associate of Science Radiographic Science program and Junior standing or permission from the instructor.

**RS-480 CT INTERNSHIP 13.00 Credits**

Build on knowledge and skills obtained from professional experience and class work and apply these concepts to the performance of clinical procedures in the imaging environment. Each internship will adhere to ARRT (CT) clinical requirements and the needs of each student. Objectives will be determined through collaboration of the LCSC radiography faculty, the student, the site preceptor and in accordance with ARRT (CT) clinical requirements. Pre-requisite: Admission into the LCSC Bachelor of Science in Radiographic Science Computed Tomography Program, current ARRT certification, or permission of the instructor. Program approved clinical site rotation secured prior to beginning of semester.

**RS-499 SENIOR CAPSTONE: IMAGING ETHICS 3.00 Credits**

RS 499 is a 3 credit course that explores professional ethics that must be maintained and adhered to in a diagnostic imaging department. Familiarity of professional and personal codes of ethics and understanding will be discovered through online discussion, case studies, and group work. This course prepares individuals to motivate health care professionals to function and operate their specific tasks at their best abilities and improve efficiency in health care facilities. Pre-requisite: Admittance into the Associate of Science Radiographic Science program and Junior standing or permission from the instructor.

## Business Administration BA/BS

The Business Administration major<sup>1</sup> is designed to provide an in-depth study of business as a career discipline. This major provides students with the necessary management competencies to enable them to be successful in the business environment. With the electives, students can focus their degree on accounting, management, marketing, economics, or select courses in different areas. Students declared as Business Administration majors are not authorized to pursue a second baccalaureate degree in Business Management.

Business Administration Program Outcomes:

1. Explain the major concepts in the functional areas of accounting, marketing, finance, and management.
2. Evaluate the legal, social, and economic environments of business.
3. Describe the global environment of business.
4. Describe and explain the ethical obligations and responsibilities of business.
5. Apply decision-support tools to business decision making.
6. Construct the present effective oral and written forms of professional communication.
7. Apply knowledge of business concepts and functions in an integrated manner.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one of the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	



MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY
MATH-153	STATISTICAL REASONING
MATH-170	CALCULUS I
MATH-253	STATISTICAL METHODS FOR THE SCIENCES
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II
MTHPT-130	FINITE MATHEMATICS
MTHPT-137	MATH FOR TECHNOLOGY
MTHPT-153	STATISTICAL REASONING

**Humanistic & Artistic Ways of Knowing**

Select one of the following: 6.00-8.00

**Literature**

ENGL-175	LITERATURE AND IDEAS
ENGL-257	WORLD CLASSICS
ENGL-258	INTERNATIONAL LITERATURE
ENGL-260	NATIVE AMERICAN LITERATURE
ENGL-261	MYTHOLOGIES

**Arts**

ART-100	INTRODUCTION TO ART
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE
HUM-150	INTRODUCTION TO THE ARTS
MUS-101	SURVEY OF MUSIC
MUS-102	MUSIC IN AMERICA
MUS-150	WORLD MUSIC
MUS-151	HISTORY OF MUSICAL THEATER
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES
THEA-101	SURVEY OF THE THEATER

**Language**

NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II

**Scientific Ways of Knowing**

Select one course from two disciplines; one lab 7.00-8.00

BIOF-100	INTRODUCTION TO BIOINFORMATICS	
BIOL-100	CONCEPTS OF BIOLOGY	
BIOL-120	PLANTS AND PEOPLE	
BIOL-123	BIOLOGY IN FILM	
BIOL-175	HUMAN BIOLOGY	
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	
CHEM-100	CONCEPTS OF CHEMISTRY	
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	
CHEM-111	PRINCIPLES OF CHEMISTRY I	
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE	
CS-108	INTRODUCTION TO COMPUTER SCIENCE	
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE	
GEOL-101	PHYSICAL GEOLOGY	
GEOL-120	INTRODUCTION TO EARTH SYSTEMS	
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS	4.00
ID-240	INTEGRATED SCIENCE II	
NS-140	INTEGRATED SCIENCE I	
NS-150	INTRODUCTION TO NATURAL SCIENCES	
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR	

PHYS-111	GENERAL PHYSICS I	
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS	
PHYS-205	DESCRIPTIVE ASTRONOMY	
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I	
<b>Social &amp; Behavioral Ways of Knowing</b>		
Select one course from two disciplines:		6.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	
POLS-101	AMERICAN NATIONAL GOVERNMENT	
POLS-237	INTERNATIONAL POLITICS	
POLS-285	COMPARATIVE GOVERNMENT	
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SOC-102	SOCIAL PROBLEMS	
SS-184	DIVERSITY IN ORGANIZATIONS	
SS-185	HUMAN RELATIONS IN ORGANIZATIONS	
<b>Diversity</b>		
Select one of the following:		3.00-4.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ANTH-360	RACE AND ETHNICITY	
COMM-345	INTERCULTURAL COMMUNICATION	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
ID-300C	ETHICS AND IDENTITY	
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS	
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
POLS-285	COMPARATIVE GOVERNMENT	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
SPAN-201	INTERMEDIATE SPANISH I	
SPAN-202	INTERMEDIATE SPANISH II	
SS-184	DIVERSITY IN ORGANIZATIONS	

**Integrative Seminar: Ethics & Values**

Select one of the following:	3.00
ID 300A - 300Z (see course descriptions for options)	
ID-301A HELLS CANYON INSTITUTE	

**Program Requirements**

Code	Title	Credits
<b>Major Courses</b>		
AC-231	PRINCIPLES OF ACCOUNTING I	3.00
AC-232	PRINCIPLES OF ACCOUNTING II	3.00
BUS-101	INTRODUCTION TO BUSINESS	3.00
BUS-220	BUSINESS COMMUNICATIONS	3.00
BUS-221	INTRODUCTION TO COMPUTERS/INFO SYSTEMS	3.00
ECON-201	PRINCIPLES OF MACROECONOMICS (Take both, one as core)	3.00
or ECON-202	PRINCIPLES OF MICROECONOMICS	
ECON/PSYC/SS-300	STATISTICAL METHODS	3.00
<b>Upper Division Courses</b>		
BUS-301	FINANCIAL MANAGEMENT	3.00
BUS-311	FOUNDATIONS OF MANAGEMENT THEORY	3.00
BUS-321	PRINCIPLES OF MARKETING	3.00
BUS-355	INFORMATION SYSTEMS FOR MANAGERS	3.00
BUS-365	BUSINESS LAW I	3.00
BUS-370	PRODUCTION AND OPERATIONS MANAGEMENT	3.00
BUS-412	HUMAN RESOURCE MANAGEMENT	3.00
BUS-498	SENIOR STRATEGIC SEMINAR	3.00
Select one of the following:		3.00
BUS-380	INTERNATIONAL BUSINESS	
BUS-482	INTERNATIONAL MARKETING	
ECON-465	INTERNATIONAL ECONOMICS	
<b>Experiential Component</b>		
Select one of the following:		3.00
BUS-294	INTERNSHIP IN BUSINESS	
BUS-346	NONPROFIT MANAGEMENT	
BUS-394	INTERNSHIP IN BUSINESS	
BUS-405	ENTREPRENEURSHIP	
BUS-421	MARKETING RESEARCH	
BUS-494	INTERNSHIP IN BUSINESS	
<b>Emphasis</b>		
Select one of the following emphasis:		32.00
<b>Business Administration Emphasis</b>		
<b>Business Electives</b>		
Select 9 credits of BUS 300/400 level		
<b>Electives</b>		
Select 23 elective credits		
<b>Healthcare Management Emphasis</b>		
NU-413	PROFESSIONAL ROLE DEVELOPMENT III: MANAGER/COORDINATOR OF CARE	
NU-414	PROFESSIONAL ROLE DEVELOPMENT IV: MEMBER OF THE PROFESSION	
NU-447	EVIDENCE BASED PRACTICE FOR NURSING	
NU-482	HEALTHCARE POLICY	
NU-484	HEALTHCARE ECONOMICS	
NU-494	INTERNSHIP IN NURSING	
<b>Electives</b>		

Select 20 elective credits

<b>Total Credits</b>	<b>83.00</b>
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Students must earn at least a "C-" in Math, ECON, and PSYC-101.

Students must earn at least a "C-" in all major courses, however, NU courses require a minimum grade of 'C'. Students must also earn at least a 2.5 grade point average in all business courses combined, including Accounting and Economics.

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
BUS-101	INTRODUCTION TO BUSINESS	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Mathematical Ways of Knowing	3.00
CORE	Oral Communication	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
ENGL-102	WRITING AND RHETORIC II	3.00
CORE	Scientific Ways of Knowing	3.00
CORE	Diversity	3.00
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Second Year</b>		
<b>Fall</b>		
AC-231	PRINCIPLES OF ACCOUNTING I	3.00
CORE	Scientific Ways of Knowing	4.00
ECON-201	PRINCIPLES OF MACROECONOMICS	3.00
Program Requirement	BUS-220, COMM-330 or ENGL-203	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>16.00</b>
<b>Spring</b>		
AC-232	PRINCIPLES OF ACCOUNTING II	3.00
BUS-221	INTRODUCTION TO COMPUTERS/INFO SYSTEMS	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
ECON-202	PRINCIPLES OF MICROECONOMICS	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Third Year</b>		
<b>Fall</b>		
BUS-301	FINANCIAL MANAGEMENT	3.00
BUS-311	FOUNDATIONS OF MANAGEMENT THEORY	3.00
BUS-321	PRINCIPLES OF MARKETING	3.00
ECON-300	STATISTICAL METHODS	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
BUS-355	INFORMATION SYSTEMS FOR MANAGERS	3.00
BUS-365	BUSINESS LAW I	3.00
BUS-370	PRODUCTION AND OPERATIONS MANAGEMENT	3.00
BUS	BUS 300/400 Level	3.00

CORE	Integrative Seminar: Ethics & Values	3.00
<b>Credits</b>		<b>15.00</b>
<b>Fourth Year</b>		
<b>Fall</b>		
BUS	BUS 300/400 Level	3.00
BUS-380	INTERNATIONAL BUSINESS	3.00
Elective	Elective Credits	5.00
BUS	Experiential Component <sup>1</sup>	3.00
<b>Credits</b>		<b>14.00</b>
<b>Spring</b>		
BUS	BUS 300/400 Level	3.00
BUS-412	HUMAN RESOURCE MANAGEMENT	3.00
BUS-498	SENIOR STRATEGIC SEMINAR	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>120.00</b>

<sup>1</sup> Experiential Component: Select one from the following course options: BUS-294, BUS-346, BUS-394, BUS-405, BUS-421, or BUS-494.

## Sequential Plan of Study - Healthcare Management Emphasis

Course	Title	Credits
<b>Fourth Year</b>		
<b>Fall</b>		
NU-413	PROFESSIONAL ROLE DEVELOPMENT III: MANAGER/COORDINATOR OF CARE	3.00
NU-414	PROFESSIONAL ROLE DEVELOPMENT IV: MEMBER OF THE PROFESSION	2.00
NU-447	EVIDENCE BASED PRACTICE FOR NURSING	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>14.00</b>
<b>Spring</b>		
NU-482	HEALTHCARE POLICY	2.00
NU-484	HEALTHCARE ECONOMICS	2.00
NU-494	INTERNSHIP IN NURSING	3.00
Elective	Elective Credits	5.00
<b>Credits</b>		<b>12.00</b>
<b>Total Credits</b>		<b>26.00</b>

Graduates with a BA/BS in Business Administration go on to obtain careers in a variety of fields:

- Administration
- Economics
- Entrepreneurship
- Financial Planning
- Global Industries
- Human Resource Management
- Management
- Marketing and Analytics
- Sales
- Statistics

# Certificate in Nursing Management and Leadership

The fully online Certificate in Nursing Management & Leadership prepares graduates for careers in nursing administration roles. Completion of the certificate also assists to prepare candidates meeting additional eligibility requirements to pursue certification via examination as a Nurse Manager and Leader (CNML) through the American Organization for Nursing Leadership Credentialing Center (AONL-CC) and the American Association of Critical-Care Nurses (AACN) Certification Corporation.

## Program Requirements

Code	Title	Credits
BUS-311	FOUNDATIONS OF MANAGEMENT THEORY	3.00
NU-413	PROFESSIONAL ROLE DEVELOPMENT III: MANAGER/COORDINATOR OF CARE	3.00
NU-414	PROFESSIONAL ROLE DEVELOPMENT IV: MEMBER OF THE PROFESSION	2.00
NU-469	HEALTHCARE POLICY AND ECONOMICS	2.00
<b>Total Credits</b>		<b>10.00</b>

## Nursing BSN

The Bachelor of Science in Nursing (BSN) degree is a dynamic baccalaureate program with a pre-licensure track and completion tracks for currently Licensed Practical (LPN) and Registered Nurses (RN). The LPN-BSN track is offered via a combination of traditional on-campus and online course delivery. The RN-BSN track is offered in a fully online format with practicum experiences that can be completed in the student's home area. This program also has a concurrent enrollment track for students in an approved Associate Degree program at select community colleges (CC). The CC-BSN track is offered in a fully online format with BSN coursework scheduled in coordination with the CC program curriculum. The BSN student will develop and expand knowledge and skills delineated by the professional nurse roles of provider of care, designer/manager/coordinator of care, and member of the profession. Students participate in selected learning activities to develop an understanding of the art and science of nursing. The program provides an educational foundation for continued nursing study at the graduate level. Graduates of the basic track are eligible to take the National Council Licensure Exam for Registered Nurses NCLEX-RN®.

## Mission & Goals

To provide a supportive student-centered learning environment that prepares nursing graduates with the

- knowledge and skills to meet the nursing needs of the clients they serve
- ability to become engaged citizens, advocates, and lifelong learners
- competencies to be effective nurse leaders

BSN Program Outcomes:

1. Graduates who are well prepared to function as a baccalaureate nurse in various healthcare settings.
2. Graduates who are well prepared to participate as a member of interdisciplinary healthcare teams.
3. Graduates who are well prepared to understand and assume leadership roles in the healthcare system.
4. Stakeholders who are satisfied with the BSN curriculum and educational experience.
5. Students who graduate from the program.

## Accreditation

The baccalaureate degree program in nursing at Lewis-Clark State College is accredited by the Commission on Collegiate Nursing Education, 655 K Street NW, Suite 750, Washington, DC 20001, 202-887-6791 and is approved by the Idaho Board of Nursing.

Admissions and Degree Requirements - Basic BSN Track

1. Completion of pre-program requirements at LC State or an accredited university or college.
2. General LC State admission requirements.
3. Submission of completed application and fee to NursingCAS ([www.nursingcas.org](http://www.nursingcas.org)) for acceptance into the upper division BSN curriculum. See the NHS web site ([www.lcsc.edu/nursing](http://www.lcsc.edu/nursing)) for admission criteria (TOEFL, GPA, Certified Nurse Assistant certification or LC State Equivalency, prerequisite coursework), dates and processes. Admission is competitive with a limited number of seats each semester.
4. Transfer students must submit course descriptions of prerequisite courses to NHS academic advisors to determine course equivalency prior to application.

5. Applicable policies and information are located in the NHS Student Handbook on the NHS web page. BSN Nursing and Radiographic Science Degree Programs | Lewis-Clark State (lcsc.edu) (<https://www.lcsc.edu/nursing/>)

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Arts</b>		
ART-100	INTRODUCTION TO ART	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES	
THEA-101	SURVEY OF THE THEATER	
<b>Language</b>		
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
<b>Scientific Ways of Knowing</b>		

BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	4.00
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	4.00

**Social & Behavioral Ways of Knowing**

Select one course from two disciplines: 6.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ECON-201	PRINCIPLES OF MACROECONOMICS
ECON-202	PRINCIPLES OF MICROECONOMICS
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS

**Diversity**

Select one of the following: 3.00-4.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ANTH-360	RACE AND ETHNICITY
COMM-345	INTERCULTURAL COMMUNICATION
ENGL-258	INTERNATIONAL LITERATURE
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
ID-300C	ETHICS AND IDENTITY
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
POLS-285	COMPARATIVE GOVERNMENT
SOC-101	INTRODUCTION TO SOCIOLOGY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
SS-184	DIVERSITY IN ORGANIZATIONS

**Integrative Seminar: Ethics & Values**



Select one of the following:	3.00
ID 300A - 300Z (see course descriptions for options)	
ID-301A	HELLS CANYON INSTITUTE

**Total Credits** **38.00-43.00**

## Program Requirements

Code	Title	Credits
<b>Support Courses</b>		
BIOL-250	MICROBIOLOGY FOR HEALTH SCIENCES	4.00
BIOL-228	HUMAN ANATOMY AND PHYSIOLOGY II	4.00
BIOL-312	PATHOPHYSIOLOGY	3.00
HLTH-253	NUTRITION	3.00
Select one of the following:		3.00
MATH-153	STATISTICAL REASONING	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
PSYC-300	STATISTICAL METHODS	
<b>Major Courses</b>		
NU-306	HEALTH ASSESSMENT	2.00
NU-312	PHARMACOLOGY IN NURSING	3.00
NU-313	PROFESSIONAL ROLE DEVELOPMENT I: PROVIDER OF CARE	4.00
NU-317	PROFESSIONAL ROLE DEVELOPMENT II: DESIGNER OF CARE	2.00
NU-318	NURSING GENETICS	3.00
NU-325	ALTERATIONS IN HEALTH I	3.00
NU-332	PRACTICUM: ALTERATIONS IN HEALTH I	5.00
NU-341	ALTERATIONS IN HEALTH II	3.00
NU-342	PRACTICUM: ALTERATIONS IN HEALTH II	5.00
NU-352	PSYCHIATRIC AND MENTAL HEALTH NURSING	2.00
NU-354	GERIATRIC NURSING	2.00
NU-360	TRANSCULTURAL HEALTHCARE	2.00
NU-407	MATERNAL HEALTH THEORY	2.00
NU-408	PEDIATRIC HEALTH THEORY	2.00
NU-413	PROFESSIONAL ROLE DEVELOPMENT III: MANAGER/COORDINATOR OF CARE	3.00
NU-414	PROFESSIONAL ROLE DEVELOPMENT IV: MEMBER OF THE PROFESSION	2.00
NU-416	PRACTICUM IN FAMILY HEALTH	3.00
NU-421	PREPARATION FOR NCLEX AND PROFESSIONAL PRACTICE	2.00
NU-440	POPULATION HEALTH	3.00
NU-442	PRACTICUM IN POPULATION HEALTH	2.00
NU-447	EVIDENCE BASED PRACTICE FOR NURSING	3.00
NU-469	HEALTHCARE POLICY AND ECONOMICS	2.00
NU-477	GUIDED PRECEPTORSHIP	4.00
<b>Total Credits</b>		<b>81.00</b>

1. Minimum cumulative GPA of 2.5 (on a 4.0 scale) in all completed coursework from all colleges and universities attended.
2. Minimum science GPA of 2.75 in the following courses prior to program admission: BIOL-250, BIOL-227, BIOL-228, CHEM-105, MATH-153 or PSYC-300.
3. Lower core course completion required at time of entry into program.
4. CNA certification or LCSC substitution is prerequisite for BSN program admission.
5. BSN courses must be taken in sequence listed. All courses in each semester must be completed successfully to progress to next semester.

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	4.00
CORE	Mathematical Ways of Knowing	4.00
CORE	Oral Communication	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
<b>Credits</b>		<b>14.00</b>
<b>Spring</b>		
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	4.00
ENGL-102	WRITING AND RHETORIC II	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
<b>Credits</b>		<b>13.00</b>
<b>Second Year</b>		
<b>Fall</b>		
BIOL-250	MICROBIOLOGY FOR HEALTH SCIENCES	4.00
CORE	Social & Behavioral Ways of Knowing	3.00
BIOL-228	HUMAN ANATOMY AND PHYSIOLOGY II	4.00
MATH-253 or PSYC-300 or MATH-153	STATISTICAL METHODS FOR THE SCIENCES or STATISTICAL METHODS or STATISTICAL REASONING	3.00
<b>Credits</b>		<b>14.00</b>
<b>Spring</b>		
BIOL-312	PATHOPHYSIOLOGY	3.00
CORE	Diversity	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Integrative Seminar: Ethics & Values	3.00
HLTH-253	NUTRITION	3.00
<b>Credits</b>		<b>15.00</b>
<b>Third Year</b>		
<b>Fall</b>		
NU-306	HEALTH ASSESSMENT	2.00
NU-312	PHARMACOLOGY IN NURSING	3.00
NU-313	PROFESSIONAL ROLE DEVELOPMENT I: PROVIDER OF CARE	4.00
NU-325	ALTERATIONS IN HEALTH I	3.00
NU-332	PRACTICUM: ALTERATIONS IN HEALTH I	5.00
<b>Credits</b>		<b>17.00</b>
<b>Spring</b>		
NU-317	PROFESSIONAL ROLE DEVELOPMENT II: DESIGNER OF CARE	2.00
NU-341	ALTERATIONS IN HEALTH II	3.00
NU-342	PRACTICUM: ALTERATIONS IN HEALTH II	5.00
NU-352	PSYCHIATRIC AND MENTAL HEALTH NURSING	2.00
NU-354	GERIATRIC NURSING	2.00
NU-360	TRANSCULTURAL HEALTHCARE	2.00
<b>Credits</b>		<b>16.00</b>
<b>Fourth Year</b>		
<b>Fall</b>		
NU-318	NURSING GENETICS	3.00
NU-407	MATERNAL HEALTH THEORY	2.00
NU-408	PEDIATRIC HEALTH THEORY	2.00

NU-413	PROFESSIONAL ROLE DEVELOPMENT III: MANAGER/COORDINATOR OF CARE	3.00
NU-416	PRACTICUM IN FAMILY HEALTH	3.00
NU-440	POPULATION HEALTH	3.00
NU-442	PRACTICUM IN POPULATION HEALTH	2.00
<b>Credits</b>		<b>18.00</b>
<b>Spring</b>		
NU-414	PROFESSIONAL ROLE DEVELOPMENT IV: MEMBER OF THE PROFESSION	2.00
NU-421	PREPARATION FOR NCLEX AND PROFESSIONAL PRACTICE	2.00
NU-447	EVIDENCE BASED PRACTICE FOR NURSING	3.00
NU-469	HEALTHCARE POLICY AND ECONOMICS	2.00
NU-477	GUIDED PRECEPTORSHIP	4.00
<b>Credits</b>		<b>13.00</b>
<b>Total Credits</b>		<b>120.00</b>

Graduates with a BSN go on to obtain careers in a variety of fields:

- Nursing Informatics
- Case Management
- Acute Care Nursing
- Occupational Health Nursing
- Government Service
- Community and Public Health
- Education
- Nursing Research

## Nursing LPN to BSN

The Bachelor of Science in Nursing (BSN) degree is a dynamic baccalaureate program with a pre-licensure track and completion tracks for currently licensed Practical (LPN) and Registered Nurses (RN). The LPN to BSN track is offered via a combination of traditional on-campus and online course delivery. The LPN to BSN student will develop and expand knowledge and skills delineated by the professional nurse roles of provider of care, designer/manager/coordinator of care, and member of the profession. Students participate in selected learning activities to develop an understanding of the art and science of nursing. The program provides an educational foundation for continued nursing study at the graduate level. Graduates of the LPN-BSN track are eligible to take the National Council Licensure Exam for Registered Nurses NCLEX-RN®.

## Mission & Goals

To provide a supportive student-centered learning environment that prepares nursing graduates with the

- knowledge and skills to meet the nursing needs of the clients they serve
- ability to become engaged citizens, advocates, and lifelong learners
- competencies to be effective nurse leaders

BSN Program Outcomes:

1. Graduates who are well prepared to function as a baccalaureate nurse in various healthcare settings.
2. Graduates who are well prepared to participate as a member of interdisciplinary healthcare teams.
3. Graduates who are well prepared to understand and assume leadership roles in the healthcare system.
4. Stakeholders who are satisfied with the BSN curriculum and educational experience.
5. Students who graduate from the program.

## Accreditation

The baccalaureate degree program in nursing at Lewis-Clark State College is accredited by the Commission on Collegiate Nursing Education, 655 K Street NW, Suite 750, Washington, DC 20001, 202-887-6791 and is approved by the Idaho Board of Nursing.

## Admission and Degree Requirements - LPN to BSN Track

1. Completion of pre-program requirements at LC State or an accredited university or college.
2. General LC State admission requirements.
3. Submission of completed application and fee to NursingCAS ([www.nursingcas.org](http://www.nursingcas.org)) for acceptance into the upper division BSN curriculum. See the NHS Division web site ([www.lcsc.edu/nursing](http://www.lcsc.edu/nursing)) for admission criteria (TOEFL, GPA, verification of LPN licensure in 'good standing', prerequisite coursework), dates and processes. Admission is competitive with a limited number of seats available each semester.
4. Interested students should meet with their academic advisor to discuss curriculum plans and review prior coursework.
5. Applicable policies and information are located in the NHS Student Handbook on the NHS web page. BSN Nursing Degree - Nursing & Health Sciences Division | Lewis-Clark State ([lcsc.edu](https://www.lcsc.edu/nursing/nursing-bsn/))

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Arts</b>		
ART-100	INTRODUCTION TO ART	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	

MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES	
THEA-101	SURVEY OF THE THEATER	
<b>Language</b>		
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
<b>Scientific Ways of Knowing</b>		
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	4.00
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	4.00
<b>Social &amp; Behavioral Ways of Knowing</b>		
Select one course from two disciplines:		6.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	
POLS-101	AMERICAN NATIONAL GOVERNMENT	
POLS-237	INTERNATIONAL POLITICS	
POLS-285	COMPARATIVE GOVERNMENT	
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SOC-102	SOCIAL PROBLEMS	
SS-184	DIVERSITY IN ORGANIZATIONS	
SS-185	HUMAN RELATIONS IN ORGANIZATIONS	
<b>Diversity</b>		
Select one of the following:		3.00-4.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ANTH-360	RACE AND ETHNICITY	
COMM-345	INTERCULTURAL COMMUNICATION	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
ID-300C	ETHICS AND IDENTITY	
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS	
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	

POLS-285	COMPARATIVE GOVERNMENT	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
SPAN-201	INTERMEDIATE SPANISH I	
SPAN-202	INTERMEDIATE SPANISH II	
SS-184	DIVERSITY IN ORGANIZATIONS	
<b>Integrative Seminar: Ethics &amp; Values</b>		
Select one of the following:		3.00
ID 300A - 300Z (see course descriptions for options)		
ID-301A	HELLS CANYON INSTITUTE	
<b>Total Credits</b>		<b>38.00-43.00</b>

## Program Requirements

Code	Title	Credits
<b>Pre-requisite Courses</b>		
BIOL-250	MICROBIOLOGY FOR HEALTH SCIENCES	4.00
BIOL-228	HUMAN ANATOMY AND PHYSIOLOGY II	4.00
BIOL-312	PATHOPHYSIOLOGY	3.00
HLTH-253	NUTRITION	3.00
Select one of the following:		3.00
MATH-153	STATISTICAL REASONING	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
PSYC-300	STATISTICAL METHODS	
<b>Major Courses</b>		
NU-306	HEALTH ASSESSMENT	2.00
NU-309	SKILLS TRANSITION	1.00
NU-312	PHARMACOLOGY IN NURSING	3.00
NU-317	PROFESSIONAL ROLE DEVELOPMENT II: DESIGNER OF CARE	2.00
NU-318	NURSING GENETICS	3.00
NU-325	ALTERATIONS IN HEALTH I	3.00
NU-341	ALTERATIONS IN HEALTH II	3.00
NU-342	PRACTICUM: ALTERATIONS IN HEALTH II	5.00
NU-352	PSYCHIATRIC AND MENTAL HEALTH NURSING	2.00
NU-354	GERIATRIC NURSING	2.00
NU-360	TRANSCULTURAL HEALTHCARE	2.00
NU-413	PROFESSIONAL ROLE DEVELOPMENT III: MANAGER/COORDINATOR OF CARE	3.00
NU-414	PROFESSIONAL ROLE DEVELOPMENT IV: MEMBER OF THE PROFESSION	2.00
NU-418	FAMILY NURSING	2.00-3.00
NU-421	PREPARATION FOR NCLEX AND PROFESSIONAL PRACTICE	2.00
NU-440	POPULATION HEALTH	3.00
NU-442	PRACTICUM IN POPULATION HEALTH	2.00
NU-447	EVIDENCE BASED PRACTICE FOR NURSING	3.00
NU-469	HEALTHCARE POLICY AND ECONOMICS	2.00
NU-477	GUIDED PRECEPTORSHIP	4.00
<b>Electives</b>		
Select 13-17 credits of PN Coursework or General Electives		13.00-17.00
<b>Total Credits</b>		<b>81.00-86.00</b>

1. Minimum cumulative GPA of 2.5 (on a 4.0 scale) in all completed coursework from all colleges and universities attended.
2. Minimum science GPA of 2.75 in the following courses prior to program admission: BIOL-250, BIOL-227, BIOL-228, CHEM-105, MATH-153 or PSYC-300

3. Lower core course completion required at time of entry into program.
4. LPN Licensure required at time of application.
5. BSN courses must be taken in sequence listed. All courses in each semester must be completed successfully to progress to next semester.

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	4.00
CORE	Mathematical Ways of Knowing	4.00
CORE	Oral Communication	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
Program Requirement	Select PN Coursework	3.00
<b>Credits</b>		<b>17.00</b>
<b>Spring</b>		
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	4.00
ENGL-102	WRITING AND RHETORIC II	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
Program Requirement	Select PN Coursework	3.00
<b>Credits</b>		<b>16.00</b>
<b>Second Year</b>		
<b>Fall</b>		
BIOL-250	MICROBIOLOGY FOR HEALTH SCIENCES	4.00
BIOL-228	HUMAN ANATOMY AND PHYSIOLOGY II	4.00
CORE	Social & Behavioral Ways of Knowing	3.00
MATH-253 or PSYC-300 or MATH-153	STATISTICAL METHODS FOR THE SCIENCES or STATISTICAL METHODS or STATISTICAL REASONING	3.00
Program Requirement	Select PN Coursework	3.00
<b>Credits</b>		<b>17.00</b>
<b>Spring</b>		
BIOL-312	PATHOPHYSIOLOGY	3.00
CORE	Diversity	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Integrative Seminar: Ethics & Values	3.00
HLTH-253	NUTRITION	3.00
Program Requirement	Select PN Coursework	3.00
<b>Credits</b>		<b>18.00</b>
<b>Third Year</b>		
<b>Fall</b>		
NU-306	HEALTH ASSESSMENT	2.00
NU-309	SKILLS TRANSITION	1.00
NU-312	PHARMACOLOGY IN NURSING	3.00
NU-325	ALTERATIONS IN HEALTH I	3.00
NU-360	TRANSCULTURAL HEALTHCARE	2.00
<b>Credits</b>		<b>11.00</b>
<b>Spring</b>		
NU-317	PROFESSIONAL ROLE DEVELOPMENT II: DESIGNER OF CARE	2.00
NU-341	ALTERATIONS IN HEALTH II	3.00
NU-342	PRACTICUM: ALTERATIONS IN HEALTH II	5.00
NU-352	PSYCHIATRIC AND MENTAL HEALTH NURSING	2.00

NU-354	GERIATRIC NURSING	2.00
<b>Credits</b>		<b>14.00</b>
<b>Fourth Year</b>		
<b>Fall</b>		
NU-318	NURSING GENETICS	3.00
NU-413	PROFESSIONAL ROLE DEVELOPMENT III: MANAGER/COORDINATOR OF CARE	3.00
NU-418	FAMILY NURSING	3.00
NU-440	POPULATION HEALTH	3.00
NU-442	PRACTICUM IN POPULATION HEALTH	2.00
<b>Credits</b>		<b>14.00</b>
<b>Spring</b>		
NU-414	PROFESSIONAL ROLE DEVELOPMENT IV: MEMBER OF THE PROFESSION	2.00
NU-421	PREPARATION FOR NCLEX AND PROFESSIONAL PRACTICE	2.00
NU-447	EVIDENCE BASED PRACTICE FOR NURSING	3.00
NU-469	HEALTHCARE POLICY AND ECONOMICS	2.00
NU-477	GUIDED PRECEPTORSHIP	4.00
<b>Credits</b>		<b>13.00</b>
<b>Total Credits</b>		<b>120.00</b>

Graduates with a BSN go on to obtain careers in a variety of fields:

- Nursing Informatics
- Case Management
- Acute Care Nursing
- Occupational Health Nursing
- Government Service
- Community and Public Health
- Education
- Nursing Research

## Nursing RN to BSN

The Bachelor of Science in Nursing (BSN) degree is a dynamic baccalaureate program with a pre-licensure track and completion tracks for currently licensed Practical (LPN) and Registered Nurses (RN). The RN to BSN track is offered in a fully online format with practicum experiences that can be completed in the student's local area. The RN to BSN student will develop and expand knowledge and skills delineated by the professional nurse roles of provider of care, designer/manager/coordinator of care, and member of the profession. Students participate in selected learning activities to further develop an understanding of the art and science of nursing. The program provides an educational foundation for continued nursing study at the graduate level.

## Mission & Goals

To provide a supportive student-centered learning environment that prepares nursing graduates with the

- knowledge and skills to meet the nursing needs of the clients they serve
- ability to become engaged citizens, advocates, and lifelong learners
- competencies to be effective nurse leaders

BSN Program Outcomes:

1. Graduates who are well prepared to function as a baccalaureate nurse in various healthcare settings.
2. Graduates who are well prepared to participate as a member of interdisciplinary healthcare teams.
3. Graduates who are well prepared to understand and assume leadership roles in the healthcare system.
4. Stakeholders who are satisfied with the BSN curriculum and educational experience.
5. Students who graduate from the program.



## Accreditation

The baccalaureate degree program in nursing is accredited by the Commission on Collegiate Nursing Education, 655 K Street NW, Suite 750, Washington, DC 20001, 202-887-6791 and is approved by the Idaho Board of Nursing.

## Admission and Degree Requirements - RN to BSN Track

1. Completion of pre-program requirements (includes an earned associate degree in nursing from an accredited university or college and completion of all General Education requirements).
2. General LC State admission requirements.
3. Submission of completed application to the Nursing & Health Sciences Division. See the NHS Division web site ([www.lcsc.edu/nursing](http://www.lcsc.edu/nursing) (<http://www.lcsc.edu/nursing/>)) for admission criteria (TOEFL, GPA, verification of RN licensure in 'good standing', prerequisite coursework) and deadlines.
4. Applicable policies and information are located in the NHS Student Handbook on the NHS Division web page. BSN Nursing and Radiographic Science Degree Programs | Lewis-Clark State ([lcsc.edu](http://lcsc.edu)) (<https://www.lcsc.edu/nursing/>)

Note: Upon completion of the admission process and verification of passing the National Council Licensure Examination for Registered Nurses (NCLEX-RN<sup>®</sup>) and thus holding the RN license, the RN student is admitted to the Bachelor of Science in Nursing program. A maximum of 30 semester nursing credits are held in escrow until the required graduation check (semester prior to graduation). Students may also receive credit through direct transfer and challenge processes. Prior Learning Assessment - Adult Learning Programs | Lewis-Clark State ([lcsc.edu](http://lcsc.edu)) (<https://www.lcsc.edu/adult-learning-programs/prior-learning-assessment/>)

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Arts</b>		

ART-100	INTRODUCTION TO ART	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES	
THEA-101	SURVEY OF THE THEATER	
<b>Language</b>		
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
<b>Scientific Ways of Knowing</b>		
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	4.00
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	4.00
<b>Social &amp; Behavioral Ways of Knowing</b>		
Select one course from two disciplines:		6.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	
POLS-101	AMERICAN NATIONAL GOVERNMENT	
POLS-237	INTERNATIONAL POLITICS	
POLS-285	COMPARATIVE GOVERNMENT	
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SOC-102	SOCIAL PROBLEMS	
SS-184	DIVERSITY IN ORGANIZATIONS	
SS-185	HUMAN RELATIONS IN ORGANIZATIONS	
<b>Diversity</b>		
Select one of the following:		3.00-4.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ANTH-360	RACE AND ETHNICITY	
COMM-345	INTERCULTURAL COMMUNICATION	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	

HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
ID-300C	ETHICS AND IDENTITY
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
POLS-285	COMPARATIVE GOVERNMENT
SOC-101	INTRODUCTION TO SOCIOLOGY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
SS-184	DIVERSITY IN ORGANIZATIONS

**Integrative Seminar: Ethics & Values**

Select one of the following: 3.00

ID 300A - 300Z (see course descriptions for options)	
ID-301A	HELLS CANYON INSTITUTE

**Total Credits** 38.00-43.00

## Program Requirements

Code	Title	Credits
<b>Support Courses</b>		
Select one of the following:		3.00
MATH-153	STATISTICAL REASONING	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
PSYC-300	STATISTICAL METHODS	
<b>Major Courses</b>		
NU-318	NURSING GENETICS	3.00
NU-360	TRANSCULTURAL HEALTHCARE	2.00
or ANTH-310	CULTURE AND HEALTH	
NU-413	PROFESSIONAL ROLE DEVELOPMENT III: MANAGER/COORDINATOR OF CARE	3.00
NU-414	PROFESSIONAL ROLE DEVELOPMENT IV: MEMBER OF THE PROFESSION	2.00
NU-440	POPULATION HEALTH	3.00
NU-442	PRACTICUM IN POPULATION HEALTH	2.00
NU-447	EVIDENCE BASED PRACTICE FOR NURSING	3.00
NU-469	HEALTHCARE POLICY AND ECONOMICS	2.00
NU-478	PRACTICUM IN LEADERSHIP FOR THE REGISTERED NURSE	2.00
<b>Electives</b>		
Select 56-59 elective credits <sup>1</sup>		56.00-59.00
<b>Total Credits</b>		<b>81.00-84.00</b>

<sup>1</sup> Elective credits must be numbered 100 and above. This may include transfer courses, nursing escrow credits, or general electives.

A minimum grade of "C" is required in each nursing and nursing support course. Students receiving a grade of "C-" or below are required to repeat the course and earn a "C" or better. In the case of NU courses, students must apply for reentry to the program.

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	4.00

CORE	Mathematical Ways of Knowing	3.00
CORE	Oral Communication	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
<b>Credits</b>		<b>16.00</b>
<b>Spring</b>		
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	4.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
ENGL-102	WRITING AND RHETORIC II	3.00
<b>Credits</b>		<b>16.00</b>
<b>Second Year</b>		
<b>Fall</b>		
MATH-253 or PSYC-300 or MATH-153	STATISTICAL METHODS FOR THE SCIENCES or STATISTICAL METHODS or STATISTICAL REASONING	3.00
CORE	Diversity	3.00
CORE	Integrative Seminar: Ethics & Values	3.00
Elective	Elective Credits <sup>1</sup>	6.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
Elective	Elective Credits <sup>1</sup>	15.00
<b>Credits</b>		<b>15.00</b>
<b>Third Year</b>		
<b>Fall</b>		
Elective	Elective Credits <sup>1</sup>	15.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
Elective	Elective Credits <sup>1</sup>	15.00
<b>Credits</b>		<b>15.00</b>
<b>Fourth Year</b>		
<b>Fall</b>		
NU-360	TRANSCULTURAL HEALTHCARE	2.00
NU-413	PROFESSIONAL ROLE DEVELOPMENT III: MANAGER/COORDINATOR OF CARE	3.00
NU-440	POPULATION HEALTH	3.00
NU-442	PRACTICUM IN POPULATION HEALTH	2.00
NU-469	HEALTHCARE POLICY AND ECONOMICS	2.00
<b>Credits</b>		<b>12.00</b>
<b>Spring</b>		
NU-318	NURSING GENETICS	3.00
NU-414	PROFESSIONAL ROLE DEVELOPMENT IV: MEMBER OF THE PROFESSION	2.00
NU-447	EVIDENCE BASED PRACTICE FOR NURSING	3.00
NU-478	PRACTICUM IN LEADERSHIP FOR THE REGISTERED NURSE	2.00
Elective	Elective Credits <sup>1</sup>	6.00
<b>Credits</b>		<b>16.00</b>
<b>Total Credits</b>		<b>120.00</b>

<sup>1</sup> Elective credits must be numbered 100 and above. This may include transfer courses, nursing escrow credits, or general electives.

<sup>2</sup> Upon admission to LCSC, RN-BSN students will work with an academic advisor to assess transfer credits and determine an individualized course of study.

Graduates with a BSN go on to obtain careers in a variety of fields:

- Nursing Informatics
- Case Management
- Acute Care Nursing
- Occupational Health Nursing
- Government Service
- Community and Public Health
- Education
- Nursing Research

## Radiographic Science BA/BS

The Bachelor of Arts/Science in Radiographic Science degree is a four-year program of study. The first year of pre-professional courses includes General Education Core and support courses. Professional courses include study and practice in clinical application of radiographic procedures for the purposes of imaging all parts of the human body for medical diagnosis. Practice will be in community hospitals and clinics. Upon completion of the Associate of Science in Radiographic Science degree and passing the certification examination administered by the American Registry of Radiologic Technologists (ARRT), graduates complete an additional 22 upper division credits to earn a B.S. in Radiographic Science.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Arts</b>		
ART-100	INTRODUCTION TO ART	

HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES	
THEA-101	SURVEY OF THE THEATER	
<b>Language</b>		
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
<b>Scientific Ways of Knowing</b>		
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	4.00
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	4.00
<b>Social &amp; Behavioral Ways of Knowing</b>		
Select one course from two disciplines:		6.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	
POLS-101	AMERICAN NATIONAL GOVERNMENT	
POLS-237	INTERNATIONAL POLITICS	
POLS-285	COMPARATIVE GOVERNMENT	
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SOC-102	SOCIAL PROBLEMS	
SS-184	DIVERSITY IN ORGANIZATIONS	
SS-185	HUMAN RELATIONS IN ORGANIZATIONS	
<b>Diversity</b>		
Select one of the following:		3.00-4.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ANTH-360	RACE AND ETHNICITY	
COMM-345	INTERCULTURAL COMMUNICATION	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	

HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
ID-300C	ETHICS AND IDENTITY
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
POLS-285	COMPARATIVE GOVERNMENT
SOC-101	INTRODUCTION TO SOCIOLOGY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
SS-184	DIVERSITY IN ORGANIZATIONS

**Integrative Seminar: Ethics & Values**

Select one of the following: 3.00

ID 300A - 300Z (see course descriptions for options)

ID-301A HELLS CANYON INSTITUTE

**Total Credits****38.00-43.00**

## Program Requirements

Code	Title	Credits
<b>Support Courses</b>		
BIOL-228	HUMAN ANATOMY AND PHYSIOLOGY II	4.00
<b>Major Courses (AS Degree)</b>		
RS-201	MEDICAL TERMINOLOGY FOR RADIOGRAPHERS	2.00
RS-220	PATIENT CARE IN RADIOGRAPHY	2.00
RS-221	RADIOGRAPHIC METHODS I	3.00
RS-222	RADIOGRAPHIC METHODS II	3.00
RS-240	QUALITY ASSURANCE AND TECHNICAL IMAGING	3.00
RS-242	CR/DR APPLICATIONS	1.00
RS-255	RADIOGRAPHIC PATHOLOGY	3.00
RS-258	SPECIAL PROCEDURES I	2.00
RS-261	APPLIED RADIOGRAPHY I	8.00
RS-288	SIMULATION, SAFETY AND REVIEW I	1.00
RS-289	SIMULATION, SAFETY AND REVIEW II	1.00
RS-330	RADIOBIOLOGY	3.00
RS-355	REGISTRY REVIEW	2.00
RS-358	SPECIAL PROCEDURES II	1.00
RS-359	INTRODUCTION TO COMPUTED TOMOGRAPHY	1.00
RS-362	APPLIED RADIOGRAPHY II	10.00
RS-363	APPLIED RADIOGRAPHY III	10.00
<b>Major Courses (BS Degree)</b>		
MATH-153 or PSYC-300	STATISTICAL REASONING STATISTICAL METHODS	3.00
NU-469	HEALTHCARE POLICY AND ECONOMICS	2.00
RS-460	PHARMACOLOGY FOR IMAGING PROFESSIONALS	2.00
RS-499	SENIOR CAPSTONE: IMAGING ETHICS	3.00
<b>Program Electives</b>		
Select one course from each skill listed below:		12.00
<b>Communication Skills</b>		
COMM-310	ORGANIZATIONAL COMMUNICATION	
COMM-330	PROFESSIONAL COMMUNICATION	

**Business Skills**

BUS-311	FOUNDATIONS OF MANAGEMENT THEORY
BUS-321	PRINCIPLES OF MARKETING
BUS-360	LEADERSHIP
BUS-365	BUSINESS LAW I
BUS-412	HUMAN RESOURCE MANAGEMENT
BUS-413	ORGANIZATIONAL BEHAVIOR

**Health Skills**

HLTH-253	NUTRITION
HLTH-272	FITNESS AND WELLNESS
HLTH-342	COMMUNITY HEALTH
HLTH-453	HEALTH PROMOTION

**Total Credits****82.00****Sequential Plan of Study**

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	4.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Mathematical Ways of Knowing	3.00
CORE	Oral Communication	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
<b>Credits</b>		<b>16.00</b>
<b>Spring</b>		
BIOL-228	HUMAN ANATOMY AND PHYSIOLOGY II	4.00
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	4.00
CORE	Social & Behavioral Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
ENGL-102	WRITING AND RHETORIC II	3.00
<b>Credits</b>		<b>17.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Humanistic & Artistic Ways of Knowing	3.00
RS-201	MEDICAL TERMINOLOGY FOR RADIOGRAPHERS	2.00
RS-220	PATIENT CARE IN RADIOGRAPHY	2.00
RS-221	RADIOGRAPHIC METHODS I	3.00
RS-240	QUALITY ASSURANCE AND TECHNICAL IMAGING	3.00
RS-288	SIMULATION, SAFETY AND REVIEW I	1.00
<b>Credits</b>		<b>14.00</b>
<b>Spring</b>		
CORE	Diversity	3.00
RS-222	RADIOGRAPHIC METHODS II	3.00
RS-242	CR/DR APPLICATIONS	1.00
RS-255	RADIOGRAPHIC PATHOLOGY	3.00
RS-258	SPECIAL PROCEDURES I	2.00
RS-289	SIMULATION, SAFETY AND REVIEW II	1.00
RS-330	RADIOBIOLOGY	3.00
RS-359	INTRODUCTION TO COMPUTED TOMOGRAPHY	1.00
<b>Credits</b>		<b>17.00</b>



**Summer**

RS-261	APPLIED RADIOGRAPHY I	8.00
<b>Credits</b>		<b>8.00</b>

**Third Year****Fall**

CORE	Integrative Seminar: Ethics & Values	3.00
RS-358	SPECIAL PROCEDURES II	1.00
RS-362	APPLIED RADIOGRAPHY II	10.00
<b>Credits</b>		<b>14.00</b>

**Spring**

RS-355	REGISTRY REVIEW	2.00
RS-363	APPLIED RADIOGRAPHY III	10.00
<b>Credits</b>		<b>12.00</b>

**Fourth Year****Fall**

MATH-253 or PSYC-300	STATISTICAL METHODS FOR THE SCIENCES or STATISTICAL METHODS	3.00
Program Requirement	Select COMM Selective course	3.00
Program Requirement	Select BUS Selective course	3.00
RS-460	PHARMACOLOGY FOR IMAGING PROFESSIONALS	2.00
<b>Credits</b>		<b>11.00</b>

**Spring**

NU-469	HEALTHCARE POLICY AND ECONOMICS	2.00
Program Requirement	Select HLTH Selective course	3.00
Program Requirement	Select Additional Selective course	3.00
RS-499	SENIOR CAPSTONE: IMAGING ETHICS	3.00
<b>Credits</b>		<b>11.00</b>

<b>Total Credits</b>	<b>120.00</b>
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View on YouTube (<https://www.youtube.com/watch?v=672HsehreGE>)

Graduates with a BA/BS in Radiographic Science go on to obtain careers in a variety of fields:

- Radiographic Technologist
- Radiography Education Faculty
- Radiology Supervisor
- Hospital Management
- Physician/Radiologist Assistant
- Clinical Instructor

## Radiographic Sciences AS

The Associate of Science in Radiographic Science degree is a three-year program of study. The first year of pre-professional courses includes General Education Core and support courses. Professional courses include study and practice in clinical application of radiographic procedures for the purposes of imaging all parts of the human body for medical diagnosis. Practice will be in community hospitals and clinics. Graduates of the program are eligible to complete the certification examination administered by the American Registry of Radiologic Technologists (ARRT).

### Mission & Goals

The mission of the Radiographic Science program is to produce competent practitioners in the field of diagnostic imaging who demonstrate professionalism and a commitment to high quality patient care.

Upon completion of the program, graduates will:

1. Demonstrate clinical competency.
2. Demonstrate strong communication skills.

3. Demonstrate critical thinking.
4. Demonstrate professionalism and ethical judgment skills.

## Accreditation

Lewis-Clark State College is accredited by the Northwest Commission of Colleges and Universities (NWCCU). The RS program is accredited by the Joint Review Commission on Education in Radiologic Technology (JRCERT).

## Admission and Degree Requirements

1. Completion of pre-program requirements at LCSC or an accredited university or college.
2. Submission of completed application to the Nursing & Health Sciences Division. See the NHS Division web site ([www.lcsc.edu/nursing](http://www.lcsc.edu/nursing) (<http://www.lcsc.edu/nursing/>)) for admission criteria (TOEFL, GPA, entrance test, prerequisite and support coursework) and deadlines. Non-refundable fee must accompany the application. Admission is competitive with a limited number of seats each year.
3. Transfer students must submit course descriptions of prerequisite and support courses with the application to determine equivalency.
4. Applicable policies and information are located in the Pre-Program and NHS Student Handbooks on the NHS Division web page.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Arts</b>		
ART-100	INTRODUCTION TO ART	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	

MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES	
THEA-101	SURVEY OF THE THEATER	
<b>Language</b>		
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
<b>Scientific Ways of Knowing</b>		
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	4.00
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	4.00
<b>Social &amp; Behavioral Ways of Knowing</b>		
Select one course from two disciplines:		6.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	
POLS-101	AMERICAN NATIONAL GOVERNMENT	
POLS-237	INTERNATIONAL POLITICS	
POLS-285	COMPARATIVE GOVERNMENT	
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SOC-102	SOCIAL PROBLEMS	
SS-184	DIVERSITY IN ORGANIZATIONS	
SS-185	HUMAN RELATIONS IN ORGANIZATIONS	
<b>Diversity</b>		
Select one of the following:		3.00-4.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ANTH-360	RACE AND ETHNICITY	
COMM-345	INTERCULTURAL COMMUNICATION	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
ID-300C	ETHICS AND IDENTITY	

KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
POLS-285	COMPARATIVE GOVERNMENT
SOC-101	INTRODUCTION TO SOCIOLOGY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
SS-184	DIVERSITY IN ORGANIZATIONS
<b>Integrative Seminar: Ethics &amp; Values</b>	
Select one of the following:	
ID 300A - 300Z (see course descriptions for options)	3.00
ID-301A	HELLS CANYON INSTITUTE
<b>Total Credits</b>	<b>38.00-43.00</b>

## Program Requirements

Code	Title	Credits
<b>Support Courses</b>		
BIOL-228	HUMAN ANATOMY AND PHYSIOLOGY II	4.00
<b>Major Requirements</b>		
RS-201	MEDICAL TERMINOLOGY FOR RADIOGRAPHERS	2.00
RS-220	PATIENT CARE IN RADIOGRAPHY	2.00
RS-221	RADIOGRAPHIC METHODS I	3.00
RS-222	RADIOGRAPHIC METHODS II	3.00
RS-240	QUALITY ASSURANCE AND TECHNICAL IMAGING	3.00
RS-242	CR/DR APPLICATIONS	1.00
RS-255	RADIOGRAPHIC PATHOLOGY	3.00
RS-258	SPECIAL PROCEDURES I	2.00
RS-288	SIMULATION, SAFETY AND REVIEW I	1.00
RS-289	SIMULATION, SAFETY AND REVIEW II	1.00
RS-261	APPLIED RADIOGRAPHY I	8.00
RS-330	RADIOBIOLOGY	3.00
RS-355	REGISTRY REVIEW	2.00
RS-358	SPECIAL PROCEDURES II	1.00
RS-359	INTRODUCTION TO COMPUTED TOMOGRAPHY	1.00
RS-362	APPLIED RADIOGRAPHY II	10.00
RS-363	APPLIED RADIOGRAPHY III	10.00
<b>Total Credits</b>		<b>60.00</b>

1. Minimum cumulative GPA of 2.5 (on a 4.0 scale) in all completed coursework from all colleges and universities.
2. Minimum science GPA of 2.75 in the following courses prior to program admission: BIOL-227, BIOL-228, CHEM-105 and Core math class.
3. CORE Comm must be completed before beginning clinical courses.

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	4.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Mathematical Ways of Knowing	3.00
CORE	Oral Communication	3.00

ENGL-101	WRITING AND RHETORIC I	3.00
<b>Credits</b>		<b>16.00</b>
<b>Spring</b>		
BIOL-228	HUMAN ANATOMY AND PHYSIOLOGY II	4.00
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	4.00
CORE	Social & Behavioral Ways of Knowing	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
ENGL-102	WRITING AND RHETORIC II	3.00
<b>Credits</b>		<b>17.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Social & Behavioral Ways of Knowing	3.00
RS-201	MEDICAL TERMINOLOGY FOR RADIOGRAPHERS	2.00
RS-220	PATIENT CARE IN RADIOGRAPHY	2.00
RS-221	RADIOGRAPHIC METHODS I	3.00
RS-240	QUALITY ASSURANCE AND TECHNICAL IMAGING	3.00
RS-288	SIMULATION, SAFETY AND REVIEW I	1.00
<b>Credits</b>		<b>14.00</b>
<b>Spring</b>		
CORE	Diversity	3.00
RS-222	RADIOGRAPHIC METHODS II	3.00
RS-242	CR/DR APPLICATIONS	1.00
RS-255	RADIOGRAPHIC PATHOLOGY	3.00
RS-258	SPECIAL PROCEDURES I	2.00
RS-289	SIMULATION, SAFETY AND REVIEW II	1.00
RS-330	RADIOBIOLOGY	3.00
RS-359	INTRODUCTION TO COMPUTED TOMOGRAPHY	1.00
<b>Credits</b>		<b>17.00</b>
<b>Summer</b>		
RS-261	APPLIED RADIOGRAPHY I	8.00
<b>Credits</b>		<b>8.00</b>
<b>Third Year</b>		
<b>Fall</b>		
CORE	Integrative Seminar: Ethics & Values	3.00
RS-358	SPECIAL PROCEDURES II	1.00
RS-362	APPLIED RADIOGRAPHY II	10.00
<b>Credits</b>		<b>14.00</b>
<b>Spring</b>		
RS-355	REGISTRY REVIEW	2.00
RS-363	APPLIED RADIOGRAPHY III	10.00
<b>Credits</b>		<b>12.00</b>
<b>Total Credits</b>		<b>98.00</b>

View on YouTube (<https://www.youtube.com/watch?v=672HsehreGE>)

Graduates with an AS in Radiographic Science initially begin their careers as certified Radiologic Technologists and go on to obtain careers in a variety of fields:

- Radiographic Technologist

# Computed Tomography BA/BS

The Computed Tomography program is designed for individuals who have completed an A.S. degree in Radiographic Science and for other healthcare professionals who are licensed, registered or certified in their respective areas of training. This program includes theoretical content and a clinical internship. The degree program serves as a foundation for graduate and/or further professional study.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Arts</b>		
ART-100	INTRODUCTION TO ART	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES	
THEA-101	SURVEY OF THE THEATER	
<b>Language</b>		
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
SPAN-101	ELEMENTARY SPANISH I	

SPAN-102	ELEMENTARY SPANISH II	
<b>Scientific Ways of Knowing</b>		
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	4.00
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	4.00
<b>Social &amp; Behavioral Ways of Knowing</b>		
Select one course from two disciplines:		6.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	
POLS-101	AMERICAN NATIONAL GOVERNMENT	
POLS-237	INTERNATIONAL POLITICS	
POLS-285	COMPARATIVE GOVERNMENT	
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SOC-102	SOCIAL PROBLEMS	
SS-184	DIVERSITY IN ORGANIZATIONS	
SS-185	HUMAN RELATIONS IN ORGANIZATIONS	
<b>Diversity</b>		
Select one of the following:		3.00-4.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ANTH-360	RACE AND ETHNICITY	
COMM-345	INTERCULTURAL COMMUNICATION	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
ID-300C	ETHICS AND IDENTITY	
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS	
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
POLS-285	COMPARATIVE GOVERNMENT	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
SPAN-201	INTERMEDIATE SPANISH I	
SPAN-202	INTERMEDIATE SPANISH II	

SS-184 DIVERSITY IN ORGANIZATIONS

**Integrative Seminar: Ethics & Values**

Select one of the following:

3.00

ID 300A - 300Z (see course descriptions for options)

ID-301A HELLS CANYON INSTITUTE

**Total Credits****38.00-43.00**

## Program Requirements

Code	Title	Credits
<b>Support Courses</b>		
BIOL-228	HUMAN ANATOMY AND PHYSIOLOGY II	4.00
<b>Major Courses (AS Degree)</b>		
RS-201	MEDICAL TERMINOLOGY FOR RADIOGRAPHERS	2.00
RS-220	PATIENT CARE IN RADIOGRAPHY	2.00
RS-221	RADIOGRAPHIC METHODS I	3.00
RS-222	RADIOGRAPHIC METHODS II	3.00
RS-240	QUALITY ASSURANCE AND TECHNICAL IMAGING	3.00
RS-242	CR/DR APPLICATIONS	1.00
RS-255	RADIOGRAPHIC PATHOLOGY	3.00
RS-258	SPECIAL PROCEDURES I	2.00
RS-261	APPLIED RADIOGRAPHY I	8.00
RS-288	SIMULATION, SAFETY AND REVIEW I	1.00
RS-289	SIMULATION, SAFETY AND REVIEW II	1.00
RS-330	RADIOBIOLOGY	3.00
RS-355	REGISTRY REVIEW	2.00
RS-358	SPECIAL PROCEDURES II	1.00
RS-359	INTRODUCTION TO COMPUTED TOMOGRAPHY	1.00
RS-362	APPLIED RADIOGRAPHY II	10.00
RS-363	APPLIED RADIOGRAPHY III	10.00
<b>Major Courses (BS Degree)</b>		
RS-405	SECTIONAL IMAGING	3.00
RS-410	CT PATHOLOGY	3.00
RS-420	CT PHYSICS/INSTRUMENTATION	3.00
RS-480	CT INTERNSHIP	13.00
<b>Total Credits</b>		<b>82.00</b>

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	4.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Mathematical Ways of Knowing	3.00
CORE	Oral Communication	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
<b>Credits</b>		<b>16.00</b>
<b>Spring</b>		
BIOL-228	HUMAN ANATOMY AND PHYSIOLOGY II	4.00
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	4.00
CORE	Social & Behavioral Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00



ENGL-102	WRITING AND RHETORIC II	3.00
<b>Credits</b>		<b>17.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Humanistic & Artistic Ways of Knowing	3.00
RS-201	MEDICAL TERMINOLOGY FOR RADIOGRAPHERS	2.00
RS-220	PATIENT CARE IN RADIOGRAPHY	2.00
RS-221	RADIOGRAPHIC METHODS I	3.00
RS-240	QUALITY ASSURANCE AND TECHNICAL IMAGING	3.00
RS-288	SIMULATION, SAFETY AND REVIEW I	1.00
<b>Credits</b>		<b>14.00</b>
<b>Spring</b>		
CORE	Diversity	3.00
RS-222	RADIOGRAPHIC METHODS II	3.00
RS-242	CR/DR APPLICATIONS	1.00
RS-255	RADIOGRAPHIC PATHOLOGY	3.00
RS-258	SPECIAL PROCEDURES I	2.00
RS-289	SIMULATION, SAFETY AND REVIEW II	1.00
RS-330	RADIOBIOLOGY	3.00
RS-359	INTRODUCTION TO COMPUTED TOMOGRAPHY	1.00
<b>Credits</b>		<b>17.00</b>
<b>Summer</b>		
RS-261	APPLIED RADIOGRAPHY I	8.00
<b>Credits</b>		<b>8.00</b>
<b>Third Year</b>		
<b>Fall</b>		
CORE	Integrative Seminar: Ethics & Values	3.00
RS-358	SPECIAL PROCEDURES II	1.00
RS-362	APPLIED RADIOGRAPHY II	10.00
<b>Credits</b>		<b>14.00</b>
<b>Spring</b>		
RS-355	REGISTRY REVIEW	2.00
RS-363	APPLIED RADIOGRAPHY III	10.00
<b>Credits</b>		<b>12.00</b>
<b>Summer</b>		
RS-405	SECTIONAL IMAGING	3.00
RS-410	CT PATHOLOGY	3.00
RS-420	CT PHYSICS/INSTRUMENTATION	3.00
<b>Credits</b>		<b>9.00</b>
<b>Fourth Year</b>		
<b>Fall</b>		
RS-480	CT INTERNSHIP	13.00
<b>Credits</b>		<b>13.00</b>
<b>Total Credits</b>		<b>120.00</b>

Graduates with a BA/BS in Computed Tomography go on to obtain careers in a variety of fields:

- Computed Tomographer
- Radiography Education Faculty
- Radiology Supervisor
- Hospital Management

- Physician/Radiologist Assistant
- Clinical Instructor

## Teacher Education & Mathematics Division

### Contact Information

**Chair:** Mark Haynal, EdD

**E-mail:** mthaynal@lcsc.edu (hivanmullum@lcsc.edu)

**Office:** SPH 110

**Phone:** 208-792-2260

**FAX:** 208-792-2820

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### Introduction of Teacher Education & Mathematics Division

The Division of Teacher Education & Mathematics provides access to high-quality baccalaureate degree programs in Elementary Education, Secondary Education, Mathematics, and General and Interdisciplinary Studies; as well as, a variety of certificates and endorsements using, both, traditional and non-traditional means of delivery for a diverse population.

#### SPECIALIZED ACCREDITATION

The Teacher Education Program: National Council for Accreditation of Teacher Education (NCATE), an affiliate of the Council for Accreditation of Educator Preparation (CAEP). NCATE consolidated with TEAC in 2013 to form CAEP. The Teacher Education program is also accredited by the State of Idaho.

### Majors Offered

#### ELEMENTARY EDUCATION WITH MINOR ENDORSEMENTS IN:

- Literacy K-12
- Special Education: Exceptional Child, Generalist K-12
- Middle School Math 5-9
- Middle School Science 5-9
- Middle School Social Studies 5-9

#### SECONDARY EDUCATION WITH ENDORSEMENTS IN:

- Biology
- Chemistry
- Communication Arts
- Earth Science
- English
- Math
- Natural Science
- PE/Health
- Psychology
- Social Studies

#### GENERAL STUDIES: EDUCATION

#### GENERAL STUDIES: EARLY CHILDHOOD EDUCATION

#### Mathematics

### Program Outcomes

1. The program completer understands how learners grow and develop, recognizing that patterns of learning and development vary individually within and across the cognitive, linguistic, social, emotional, and physical areas, and designs and implements developmentally appropriate and challenging learning experiences.
2. The program completer uses understanding of individual differences and diverse cultures and communities to ensure inclusive learning environments that enable each learner to meet high standards.

3. The program completer works with others to create environments that support individual and collaborative learning, and that encourage positive social interaction, active engagement in learning, and self motivation.
4. The program completer understands the central concepts, tools of inquiry, and structures of the discipline(s) he or she teaches and creates learning experiences that make the discipline accessible and meaningful for learners to assure mastery of the content.
5. The program completer understands how to connect concepts and use differing perspectives to engage learners in critical thinking, creativity, and collaborative problem solving related to authentic local and global issues.
6. The program completer understands and uses multiple methods of assessment to engage learners in their own growth, to monitor learner progress, and to guide the teacher's and learner's decision making.
7. The program completer plans instruction that supports every student in meeting rigorous learning goals by drawing upon knowledge of content areas, curriculum, cross-disciplinary skills, and pedagogy, as well as knowledge of learners and the community context.
8. The program completer understands and uses a variety of instructional strategies to encourage learners to develop deep understanding of content areas and their connections, and to build skills to apply knowledge in meaningful ways.
9. The program completer engages in ongoing professional learning and uses evidence to continually evaluate his/her practice, particularly the effects of his/her choices and actions on others (learners, families, other professionals, and the community), and adapts practice to meet the needs of each learner.
10. The program completer seeks appropriate leadership roles and opportunities to take responsibility for student learning, to collaborate with learners, families, colleagues, other school professionals, and community members to ensure learner growth, and to advance the profession.

## Teacher Certification Process

LC State continues to draw regional recognition for its excellence in preparing teachers. The college offers innovative programs in elementary and secondary education that are integrated and competency-based. It promotes high quality in teaching through a unique combination of course coherence, collaborative instruction, community partnerships, and performance assessment. The programs are designed to prepare competent, caring teachers who have the knowledge, skills, and dispositions needed to effectively help all students learn. Quality field experiences are the cornerstone of LC State's Teacher Education Programs. Students participate in multiple school-based experiences with teachers who demonstrate "best practices." Field experiences begin with a twenty-hour practicum and culminate with an internship. These experiences provide teacher candidates with opportunities to explore the connection between theory and practice, as well as to work with students from culturally diverse and exceptional populations. Students gain confidence through reflective practice and competence through frequent interaction with a community of skilled practitioners. Students in teacher education will provide evidence through performance that they have become dedicated and knowledgeable professionals, content specialists, competent educational designers, capable educational facilitators, insightful educational evaluators, reflective professionals, and culturally responsive professionals before being recommended for teacher certification.

Candidates who satisfactorily complete a Teacher Education Program at LC State are eligible to apply for a State of Idaho Standard Instructional Certificate (K-12) with endorsement(s) in their chosen field of study.

This certificate is issued by the State of Idaho Department of Education and is recognized in all 50 member states of the NASDTEC Interstate Contract (see Idaho Department of Education Professional School Personnel Certification Standards). Teacher certification requirements vary among all states, and applicants should address any questions concerning teacher certification requirements to the individual state teacher certification agencies.

LC State does not issue teaching certificates. The LC State Teacher Education Program does provide an institutional recommendation of approved program completion only for students who have successfully completed the program. The Idaho State Department of Education evaluates for certification only after the applicant completes the application process. A certificate or notation of deficiencies generally takes 30-45 days.

Prior to being recommended to the state for certification, candidates must pass a final review of their work. This consists of a formal oral evaluation by at least two faculty members and one on-site teacher educator. The candidate presents, at that review, a portfolio that reflects mastery of the concepts and skills required to enter the teaching profession. Candidates failing this final oral review are given a remediation plan and sit for the final review again.

1. Application for teacher certification is the sole responsibility of the graduate. Idaho certification procedures and forms will be provided following student teaching.
2. To obtain an official LC State Institutional Recommendation for the State of Idaho<sup>1</sup> indicating completion of an approved Teacher Education Program, the graduate must submit the following to the LC State Teacher Education & Mathematics Division:
  - a. A completed "Application for an Idaho Professional Education Credential" form;
  - b. Official transcripts from ALL higher education institutions attended except LC State;
  - c. A check or money order for the appropriate State of Idaho application fee;
  - d. Any additional documents required by the Idaho State Department of Education Teacher Certification Office.

3. The Teacher Education & Mathematics Division will only process, endorse, and mail to the Idaho State Department of Education Teacher Certification office complete applications. Incomplete applications will not be processed.
4. The applicant must supply all data requested on the application form(s).

<sup>1</sup> Official LCSC Institutional Recommendations may be required for other states. Please follow that state certification agency's procedures. It is the responsibility of the graduate to meet those requirements.

## **PACE Program - PATHWAY FOR ACCELERATED CERTIFICATION AND ENDORSEMENT**

Using a distance learning format, the PACE Program offers a nontraditional path to teacher certification. Candidates who decide to enter the PACE program must initially apply for admission to Lewis-Clark State College.

### **ELEMENTARY PACE – ONLINE OPTION**

This online Elementary PACE Program requires candidates to have completed high school and be admitted to Lewis-Clark State College. Candidates take online classes to fulfill the requirements for a Bachelor of Science degree in Elementary Education, a Standard Instructional Teaching Certificate with an All Subjects K-8 endorsement and a minor endorsement in either Literacy K-12 or Exceptional Child, Generalist K-12. All coursework except the clinical internship is taken online. Clinical internships will be completed at an elementary school near the candidate's home.

### **ELEMENTARY PACE – COUER D'ALENE CAMPUS**

The PACE Elementary Program requires candidates to hold an associate or higher degree from an accredited college or university. Candidates will fulfill the requirements for a Bachelor of Science degree in Elementary Education, a Standard Instructional Teaching Certificate with an All Subjects K-8 endorsement and a minor endorsement in either Literacy K-12 or Exceptional Child, Generalist K-12 at the conclusion of the program. Candidates officially begin the program in the summer, so they must plan to attend two consecutive summer sessions. The remaining coursework is accomplished in two semesters utilizing distance learning technology, and a final semester of on-site internship (near the candidate's home).

Candidates should apply to the PACE Elementary Program prior to the beginning of the first summer session. To be guaranteed a summer position, Phase I coursework must be complete. There are a fixed number of openings in the PACE Program, so qualified candidates will be admitted as positions open. When candidates are offered admission, they must accept within two weeks or forfeit their position on the list. Candidates must enroll in at least one course per semester and complete the two summer sessions. Candidates are allowed up to four years to complete the program; those who do not will have to reapply for admission.

The procedures for admission to the Teacher Education Program help assure that teacher candidates are prepared academically and well-motivated to complete the intensive teacher education coursework and internship field experiences.

See requirements for "Entrance/Admission into the Teacher Education Program" below.

### **PACE MASTERY-BASED PATHWAY**

This program is designed to prepare individuals with a bachelor's degree to become fully certified teachers. The program is completed on-line with support from mentors and instructors while working full-time in the classroom. Additional professional development is also provided in your region. Courses can be completed in as little as two weeks or take as long as one calendar year depending on your needs. This program is also available for teachers who are seeking to add an additional endorsement area to an existing license.

The program is designed around the needs of the applicant and includes an individualized learning plan. The plan consists of the following elements:

- Five-module core program
- Weekly virtual seminar/conference
- Quarterly professional development
- Literacy proficiency exams (ICLS), or courses – if applicable
- Math proficiency exams (MTI/TMT) – if applicable
- Additional content coursework – if applicable

Those who are interested in the PACE Mastery-Based Pathway should request a transcript evaluation by the Teacher Education & Mathematics Division's Program Assistant. Forms are available in our resource library, here (<https://www.lcsc.edu/education/student-resources/>). Follow the link to "Request for Transcript Evaluation".

### **PACE PROGRAM CONTACT INFORMATION**

- o Dr. Teresa Carmack, Online Elementary Education PACE Program Coordinator, [tacarmack@lcsc.edu](mailto:tacarmack@lcsc.edu); 208-792-2891
- o Dr. Melinda Tompkins, Coeur d'Alene Campus Elementary Education PACE Coordinator, [mktompkins@lcsc.edu](mailto:mktompkins@lcsc.edu); 208-292-2530
- o Dr. Royal Toy, Secondary Education PACE Coordinator, [retoy@lcsc.edu](mailto:retoy@lcsc.edu); 208-792-2730

## **EXPECTATIONS OF STUDENTS**

Candidates for the baccalaureate degree in the Teacher Education Program must meet the LC State baccalaureate degree requirements, maintain an overall GPA of 3.0, and pass the Praxis II subject specialty exam(s) in their area as required by the State of Idaho. In addition, Elementary Education

candidates must pass the State of Idaho Comprehensive Literacy Assessment. It is the student's responsibility to ensure that his/her program of study fulfills the General Education, major, minor, certification, and endorsement requirements. Requirements for graduation and requirements for teacher certification differ. The Office of Admission/Registrar has authority over graduation requirements. Therefore, the Teacher Education & Mathematics Division does not substitute or waive any institutional General Education requirements. Further, such a substitution or waiver may jeopardize teacher certification. Students desiring to substitute or waive General Education requirements should consult with their Education advisor before petitioning.

## PROFESSIONAL STANDARDS FOR THE K-12 TEACHER

Teacher Education faculty believe that in order to ensure the continuous intellectual, social, and physical development of all learners, the qualified teacher must perform several roles. In serving these roles, teachers demonstrate knowledge, skills, and dispositions related to eight main areas of professional competence. Successful teacher candidates must consistently exhibit:

1. Appropriate conduct as a professional
2. Knowledge of the foundations of the profession
3. Expertise in all subjects taught
4. Skills as an educational designer
5. Skills as an educational facilitator
6. Skills as an educational evaluator
7. Capacity for reflective practice
8. Ability to embrace the ideas of a culturally responsive educator.

Through participation in each of the Teacher Education programs at LC State, teacher candidates have opportunities to develop, nurture, and demonstrate their professional competence in each of these eight areas.

**The Dedicated Professional.** The teacher conducts herself/himself in a manner which shows care and concern for children and their learning and a commitment to the profession of education. The teacher exhibits high ethical and professional standards. The teacher fosters relationships with school colleagues, parents, and agencies in the larger community to support students' learning and well-being.

**The Knowledgeable Professional.** The teacher is knowledgeable of how children, as individuals and in groups, learn and develop and how instruction can be provided to support the intellectual, social, and personal development of all types of learners. The teacher understands schools as organizations within the larger community context and the laws and norms that guide their operation.

**The Content Specialist.** The teacher understands the central concepts, tools of inquiry, and structures of the discipline(s) he/she teaches. The teacher maintains currency in knowledge of the content area(s) and skills of the discipline.

**The Educational Designer.** The teacher plans and creates learning experiences based upon knowledge of subject matter, students, the community, and curriculum goals to make the central concepts, tools of inquiry, and structures of the discipline(s) he/she teaches meaningful for students. The teacher designs and develops learning opportunities which are congruent with how children learn and develop, which utilize well-selected instructional strategies and learning resources, and which are appropriately adapted to diverse learners.

**The Educational Facilitator.** The teacher utilizes a variety of instructional strategies (methods, techniques, etc.) and resources (media, technologies, etc.), effective classroom organization skills, and effective communication techniques to establish and facilitate engaging and meaningful learning environments that support the intellectual, social, and physical development of students. The teacher fosters active inquiry, collaboration, and supportive interaction in the classroom. The teacher uses an understanding of individual and group motivation and behavior to create a learning environment that encourages positive social interaction, active engagement in learning, and self-motivation.

**The Educational Evaluator.** The teacher understands and uses appropriate, formal and informal assessment strategies to evaluate and ensure the continuous intellectual, social and physical development of the learner. The teacher performs appropriate, comprehensive assessments of the processes of instructional design, facilitation, and evaluation. The teacher adjusts and refines instruction based upon informed analysis.

**The Reflective Professional.** The teacher is a reflective practitioner who continually evaluates the effects of his/her choices and actions on others (students, parents, and other professionals in the learning community). The teacher actively seeks out opportunities to grow professionally.

**The Culturally Responsive Educator.** The teacher is a culturally responsive educator who understands and embraces the ideas of cultural consciousness, equity and human dignity, and social justice while striving to create learning environments that grant voice and authenticity to the beliefs, opinions, and experiences of students from diverse experiences.

The curriculum for Teacher Education at LC State promotes the development and practice of these qualities through performance-based courses and field experiences.

## Admission Requirements

Students seeking admission to the Teacher Education Program must comply with admission requirements as stated in this catalog. Teacher Education Program requirements may change to comply with accreditation requirements, professional certification requirements, etc. Students may be required to meet college graduation requirements under a different catalog than that used to obtain admission to the Teacher Education Program.

### THE PERFORMANCE-BASED TEACHER EDUCATION PROGRAM FOR ELEMENTARY EDUCATION IS COMPOSED OF THE FOLLOWING FOUR PHASES:

1. Pre-professional Studies
2. Professional Studies
3. Professional Internship I
4. Professional Internship II

After completing the General Education Core and pre-professional studies courses (Phase I), students who meet entry requirements may apply for admission into the Teacher Education Program. Application information is available from the Teacher Education & Mathematics Division office or online at [www.https://www.lcsc.edu/education/program-application](https://www.lcsc.edu/education/program-application). It is the responsibility of the student to secure admission to the Teacher Education Program and maintain that status. Students must be formally admitted to the program prior to participation in Phase II. The Teacher Education Program admission procedure addresses three areas:

1. Scholarship
2. A qualifying entrance examination and interview
3. Professional experience

Adverse factors will also be considered in the admissions decision. Those adverse factors include para-competencies (i.e. personal characteristics/attitudes inconsistent with the teaching profession exhibited by the student such as racism, intolerance, chronic lateness, patterns of course withdrawals, patterns of incomplete courses, and moral turpitude).

Students must apply for admission into the Teacher Education Program no later than the first Friday of the semester prior to the semester in which they plan to begin Phase II course work. Students who plan to begin Phase II course work in the fall should apply no later than the first Friday of the previous spring semester (mid-January). Students who plan to begin Phase II course work in the spring should apply no later than the first Friday of the previous fall semester (mid-August).

### ENTRANCE/ADMISSION INTO THE TEACHER EDUCATION PROGRAM REQUIRES:

1. Course work: Satisfactory completion of all Phase I course work with a grade of "C-" or better in each course. Exception: Must have "C" or better in ENGL-101 to advance to ENGL-102. Note: At the time of application, students should be completing the last of these required courses. Also see Item #3.
2. Entrance Examination: For elementary undergraduate candidates: Passing scores in math, reading, and writing on the ACT exam or the SAT exam. This exam is not required for students seeking Elementary or Secondary Education Certification who already have a baccalaureate degree.
3. Scholarship: A minimum LC State cumulative grade point average (GPA) of 3.0; in addition, secondary candidates must maintain a minimum grade point average of 3.0 in their major teaching field.
4. Professional Experience: Evidence of successful work with children or adolescents and a short reflective essay.
5. Interview and Writing Sample: Students compose an extemporaneous essay followed by a formal interview with a panel of professionals from the education field.
6. Official transcripts: Required from all higher education institutions attended, other than LC State.

### TRANSFER STUDENT ENTRANCE INTO THE TEACHER EDUCATION PROGRAM REQUIRES:

1. A transfer credit evaluation by the Teacher Education & Mathematics Division's Program Assistant immediately following admission to LC State.
2. Completion of steps noted above in "Entrance/Admission into the Teacher Education Program Requires".
3. Completion of a minimum of 32 LC State credits before graduation (see baccalaureate degree requirements).

### POST-BACCALAUREATE STUDENT ENTRANCE INTO THE TEACHER EDUCATION PROGRAM REQUIRES:

1. A transfer credit evaluation by the Teacher Education & Mathematics Division's Program Assistant immediately following admission to LC State.
2. Completion of steps noted above in "Entrance/Admission into the Teacher Education Program Requires".

### CERTIFIED TEACHERS SHOULD:

1. Consult with the Teacher Education & Mathematics Division's Program Assistant directly after being admitted to LC State.
2. Complete the Teacher Education & Mathematics Division's Special Permission Form to take certain upper-division course work.

### BACKGROUND CHECKS

All students will be responsible for the cost of a name-based background check in the state in which they reside. These are processed through the student's state police and the cost varies by state. Proof of the background check should be submitted to the Teacher Education & Mathematics

Division office. The background check is due before entering schools for any field experience associated with the student's teacher education program.

In addition, students will complete a fingerprint-based background check before entering their final internship. This background check is required for student teaching and for certification through the state of Idaho. The cost is \$28.25 and paid to State Department of Education.

### **ELEMENTARY EDUCATION FEES**

- Name-Based Background Check (\$11-\$20; cost varies by state)
- Praxis II Exam: #5001 Elementary Ed: Multiple Subjects \$170
  - Praxis II exam subtests: #5002, #5003, #5004, and #5005 are \$60 each
- Praxis II exam in second teaching content area \$120 - \$146
- Fingerprint Background Check \$28.25
- Idaho State Teacher Certification \$75

### **SECONDARY EDUCATION FEES**

- Name-Based Background Check (\$11-\$20; cost varies by state)
- Praxis II Content Specific Exams \$120 - \$146 (a separate Praxis exam is required for each content area teaching field)
- Fingerprint Background Check \$28.25
- Idaho State Teacher Certification \$75

## **Assessment**

### **ACT OR SAT PLACEMENT EXAM**

To demonstrate acquisition of basic skills, undergraduate students seeking admittance into either elementary or secondary teacher education programs must pass math, reading, and writing sections of the ACT or SAT exam at a level determined appropriate by the Teacher Education & Mathematics Division.

### **IDAHO COMPREHENSIVE LITERACY ASSESSMENT (ICLA)**

All teacher education candidates whose teaching responsibilities will include elementary education, special education, and/or reading must pass the Idaho Comprehensive Literacy Assessment. The ICLA consists of three areas: language structure, comprehension, and assessment.

### **PRAXIS SERIES ASSESSMENTS**

Students seeking teacher certification in the state of Idaho must take Praxis II exams in their content areas. Elementary candidates must pass the Praxis II exam #5001 Elementary Education Multiple Subjects. Passing scores on this exam may be used for entrance into the program, but the elementary candidate must pass all four subtests of #5001. Elementary candidates are also required to take a second Praxis II content test in an additional endorsement/teaching field. Students are required to meet the qualifying scores set by the Idaho State Department of Education to enter into the internship experience.

### **PORTFOLIO**

The portfolio is a form of performance assessment requiring teacher certification candidates to demonstrate that they have the knowledge, skills, and dispositions needed to be effective classroom teachers and to positively impact student learning. Development of the portfolio is a yearlong endeavor. During a candidate's internship experience, he/she will collect, organize, and display evidence that he/she is able to meet the standards required for completion of the LC State Teacher Education Program.

### **EXIT INTERVIEW**

As a final evaluation of an intern's ability to demonstrate the professional competencies required by the program, she/he will pass an exit interview conducted during the final phase of the internship experience. The intern's faculty mentor will chair the exit interview. An on-site-teacher-educator who is familiar with the intern's capabilities and a second representative from the Teacher Education & Mathematics Division will also participate in the exit interview.

## **Advising**

Academic advising is mandatory for all Teacher Education & Mathematics Division majors. An advisor is assigned when a student declares a major within the Division. Students with academic advising questions or concerns should meet with their advisors during posted office hours or by appointment. Students are required to meet and personally obtain their assigned advisor's approval on course selections. Students should come to advising appointments with a tentative class schedule prepared. Secondary Education majors must have two advisors. See specific majors for additional information.



## Special Policies

### TEACHING INTERNSHIP INFORMATION

For Elementary Education majors, the Teaching Internship is a two-semester sequence of integrated course work and field experiences.

For teacher candidates seeking endorsement in Secondary Education (6-12), the Teaching Internship consists of one semester in the field. Over the course of the semesters, the candidate engages in field-based opportunities to apply the knowledge, skills, and dispositions developed in course work. The internship provides the teacher candidate with mentored experiences in all areas of teacher performance. Students must be admitted to the Teacher Education Program and pass their required Praxis examination(s) before an internship placement is considered. A grade of "B-" or better is required for all professional education Phase II, III & IV course work in the Elementary Education program, and a grade of "B-" or better is required in all 300- & 400-level education courses in the Secondary Education program.

During the internship, candidates are expected to fulfill additional responsibilities both on campus and at their assigned school site. Interns shall complete course assignments as well as duties assigned at their school. They should perform professionally according to public school policies and procedures. Failure to successfully progress through the internship may result in an extended internship, inability to continue with the internship experience, or withdrawal from the Teacher Education Program.

The internship involves a candidate's total commitment for the entire term of assignment. For this reason the Teacher Education & Mathematics Division chairperson must approve any additional course work. Extracurricular college activities, coaching, and outside employment are not to interfere with achieving a successful internship experience.

Candidates' requests for college and school supervision in long distance internship sites (outside the LC State service area) must be made in writing at least two semesters prior to the internship. Candidates will be assessed a fee to assist in paying the added expense of supervision at a long-distance site. The instructional teams must approve all requests for distant internships. No guarantee is made that a long-distance site will be available or approved.

## Additional Division Programs

### STATE ALTERNATIVE AUTHORIZATION: CONTENT SPECIALIST

The Division of Teacher Education & Mathematics supports the State of Idaho Alternative Authorization: Content Specialist Teaching Certification option. This option permits highly qualified candidates to be offered teaching positions in Idaho schools while completing certification requirements based on a formal pre-assessment of their content area and pedagogical knowledge, skills, and dispositions.

## Clubs, Honor Societies, other Activities

### CHI KAPPA CHAPTER OF KAPPA DELTA PI HONOR SOCIETY

Kappa Delta Pi, an International Honor Society in Education, was founded March 8, 1911 at the University of Illinois. The Chi Kappa Chapter of Lewis-Clark State College was installed in 1996 (and was the first Idaho chapter); it became the last chapter necessary to complete membership in all fifty states. The Chi Kappa Chapter promotes better teaching and learning through identification and recognition of both outstanding teacher candidates and practicing educators. Teacher candidates must possess a grade point average of no less than 3.5 and be nominated on the basis of demonstrated potential to become strong leaders in education. Practicing educators are nominated by a committee of their peers as individuals who have demonstrated high academic ideals and made significant contributions to the education profession. The chapter sponsors several annual social and professional activities, and members have the opportunity to represent the chapter at the biennial national conference.

### LC State STUDENT CHAPTER, IDAHO COUNCIL FOR EXCEPTIONAL CHILDREN

Idaho Council for Exceptional Children (CEC), LC State Student Chapter welcomes new members seeking a special education minor. The student chapter actively participates in professional development activities that align to the state unit and shares the following mission statement: "to improve educational outcomes for individuals with exceptionalities." CEC, a non-profit association, accomplishes its mission, which is carried out in support of special education professionals and others working on behalf of individuals with exceptionalities, by advocating for appropriate governmental policies, setting professional standards, providing continuing professional development, advocating for newly and historically underserved individuals with exceptionalities, and helping professionals achieve the conditions and resources necessary for effective professional practice.

### LC State IDAHO LITERACY COUNCIL FOR YOUNG PROFESSIONALS

The purpose of the Idaho Literacy Council for Young Professionals is to promote literacy and connect with literacy educators at LC State, in the Lewis-Clark Valley, across the state of Idaho, and beyond. This is a professional service organization affiliated with the Idaho State Council and the International Literacy Association and is open to college-aged literacy students at LC State or recent graduates of LC State.

### In-STEM Club

Promoting inclusivity in STEM fields at LCSC, particularly those underrepresented in STEM, through support, mentoring, and community.

### ED-214 PRINCIPLES OF EDUCATION 3.00 Credits

An introduction to the teaching profession through consideration of relevant principles including the importance of education and teaching, the purpose of schools, teaching orientations and styles, trends in education, international influences on American education, the changing nature of American education, the administration and governance of schools, school funding, social issues affecting education and learning, schools and their environs, and education in other societies. Includes twenty hours of field experience in area elementary and secondary schools.



**ED-216 PHYSICAL EDUCATION FOR THE ELEMENTARY TEACHER 2.00 Credits**

Designed to aid the classroom teacher in developing and implementing physical education programs in elementary and middle schools. Cross-listed with KIN-216.

**ED-222 BEGINNING SIGN LANGUAGE 3.00 Credits**

Students will learn a sign language and finger spelling system consistent with English, used in educating hearing impaired individuals.

**ED-225 TECHNOLOGIES FOR TEACHING, K-12 3.00 Credits**

This course addresses foundational knowledge that educators need to be successful in the twenty-first-century classroom and teaching profession. Emphasis is placed on designing effective media, tech-rich instruction, and digital pedagogy. Through participation in the course, students will gain practical experience using a variety of instructional media and applications as well as theoretical frameworks for technology-enhanced teaching and instructional design. Emerging and crucial concepts for educators including cybersecurity, digital citizenship, and digital literacy are explored in detail.

**ED-250 PRAXIS PREPARATION FOR ELEMENTARY TEACHER CANDIDATES 1.00 Credit**

Preparation for the State-required Praxis subject tests for elementary teaching candidates. The required subject area tests are either 5001 - Elementary Education: Multiple Subjects or 7811 - Elementary Education: Content Knowledge for Teaching. Both of these consist of tests in Reading & Language Arts, Mathematics, Social Studies, and Science. The structure of this course is to focus upon a different one of these subject areas in each semester on a rotating basis.

**ED-290 DIRECTED STUDY IN EDUCATION 1.00-12.00 Credits****ED-291 WORKSHOP IN EDUCATION 1.00-3.00 Credits****ED-292 SPECIAL TOPICS IN EDUCATION 1.00-3.00 Credits****ED-295 PRACTICUM IN EDUCATION 1.00-12.00 Credits****ED-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits**

Graded P/F only.

**ED-310 PROFESSIONAL FOUNDATIONS OF EDUCATION 3.00 Credits**

Designed for post bachelors DLT teacher candidates, this course is a systematic survey of the philosophical foundations and historical development of public education, the legal, financial, and organizational principles associated with schooling, and certain social issues that have helped to shape, guide, and/or impact contemporary education. Twenty hours of field experience required. ED-214 meets the same requirement.

**ED-318 ASSESSMENT OF LEARNING 3.00 Credits**

An introduction to the theory of assessment. Presents the foundational concepts, principles, and procedures needed to systematically acquire, organize, and apply information about learners and learning. This course is a component in the elementary teacher education program's technology strand and is designated as technology-intensive. Pre-requisite: Elementary Education Majors must be admitted to the teacher education program.

**ED-321 EDUCATIONAL PSYCHOLOGY 3.00 Credits**

Psychology directly applicable to teaching and learning: Basics of our thinking physiology; basics of interpreting relevant research; development theories and their relation to learning; motivation theories and means to motivate students; behaviorism as applied and misapplied to classroom management and instruction; differentiating based upon receptive/perceptive modes, intelligences, and learning styles; memory and cognition paths; and the personally and socially constructed nature of knowing.

**ED-328 MATH METHODS K-8 3.00 Credits**

Based on NCTM standards, students will plan, deliver, assess, and reflect upon math lessons presented to elementary school children. Pre-requisites: MATH-157 and MATH-257; Admission to the Elementary Teacher Education Program.

**ED-345 CULTURALLY RELEVANT TEACHING 3.00 Credits**

The course is designed for classroom teachers and future teachers and will provide information for the selection of teaching strategies suited to the learners culture, literacy, language proficiency, and communication skills. The course will examine issues related to working with diverse peoples, deepen levels of awareness regarding individual differences and develop an understanding of the challenges of language acquisition in the classroom setting. Specific teaching strategies for students whose first language is not English.

**ED-390 DIRECTED STUDY IN EDUCATION 1.00-12.00 Credits****ED-392 SPECIAL TOPICS IN EDUCATION 1.00-3.00 Credits****ED-394 INTERNSHIP IN EDUCATION 1.00-12.00 Credits**

Graded P/F only.

**ED-395 PRACTICUM IN EDUCATION 1.00-12.00 Credits****ED-399 RESEARCH ASSISTANTSHIP 1.00-3.00 Credits**

Graded P/F only.

**ED-411 DIGITAL CITIZENSHIP/MOBILE/REMOTE TECH 3.00 Credits**

This course is designed to give you, the teacher candidate, formal experiences in the development of knowledge, skills, and dispositions supporting the strategic integration of mobile and remote technologies into teaching and learning and the related issues and responsibilities of digital citizenship that accompany these practices. Students enrolling in this course should have completed at least one course delivered online or be concurrently enrolled in an online course. It is expected that students who begin this course already have some experience performing fundamental operations with a microcomputer including the use of word processing software, World Wide Web browsing software, and electronic mail software.

**ED-413 DESIGNING ONLINE INSTRUCTION 3.00 Credits**

This course is designed to give you, the teacher candidate, formal experiences in the development of pedagogical knowledge, skills, and attitudes necessary to design and develop effective, online learning experiences. It is expected that students who begin this course already have some experience performing fundamental operations with a microcomputer including the use of word processing software, World Wide Web browsing software, and electronic mail software. Previous experience participating in coursework implementing an online learning management system is also expected.

**ED-414 PROFESSIONAL INTERN ONLINE TEACHING 7.00 Credits**

This course is designed to give you, the teacher candidate, formal experiences in the practice of skills to design, develop, implement, and evaluate effective teaching in an authentic, online instructional environment. Through a field-based, practicum experience, you will demonstrate your capacity to design, facilitate, and evaluate one or more online courses to designated students within the Kindergarten to Twelfth Grade range. Pre-requisites: ED-411, ED-413, ED-423, admission to the Elementary or Secondary Teacher Education Program, and has met all requirements to start an internship. Co-requisite: ED-415.

**ED-415 TEACHING ONLINE 1.00 Credit**

This course is designed to give you, the teacher candidate, opportunities to engage in productive reflective practices about the design, development, implementation, and evaluation activities of your professional internship in online teaching. In this seminar, you and your colleagues will reflect on your internship experiences and the development of your skills to design, facilitate, and evaluate instruction of an online course. Pre-requisite: Admission to the Elementary or Secondary Teacher Education Program. Co-requisite: ED-414.

**ED-422 INTERMEDIATE SIGN LANGUAGE 3.00 Credits**

Continuation of ED-222.

**ED-423 INSTRUCTIONAL TECHNOLOGY STRATEGIES, K-12 2.00 Credits**

Instructional Technology Strategies, K-12 is designed to give students formal experiences in the development of the knowledge, skills, and dispositions supporting the strategic integration of technologies into the teaching and learning process. This includes an exploration of best practices in instructional methods and strategies for technology-enriched learning environments. Through literature review and discussion/exploration activities, you will develop your knowledge and skills in the variety of strategies and facilitation techniques that best serve teachers and learners in technology-enriched and digital learning environments. Special attention will be given to the instructional functions of current technologies and their relation to the primary models of instruction and their implementation. Pre-requisite: Admission to the Elementary or Secondary Teacher Education Program.

**ED-425 INSTRUCTIONAL METHODS AND CLASSROOM MANAGEMENT, K-8 2.00 Credits**

This course is designed with a focus upon the exploration, understanding, implementation and integration of a repertoire of pedagogical knowledge, skills and dispositions related to K-8 instructional design, facilitation and evaluation, along with an examination of classroom management theories and strategies. This course will afford students the opportunities to become familiar with various instructional methods, models and practices, classroom management and relationship building to enhance educational relevance for K-8th grade students. Through various activities, including micro-teaching and other forms of presentation, students will demonstrate knowledge and skill acquisition in the development of instructional design, facilitation and evaluation. Additional projects will focus on research and product development to demonstrate understanding of key aspects related to classroom management, discipline and motivation through creating relevant and healthy relationships within the context of the classroom community. Pre-requisite: Students must be formally admitted to the Elementary Teacher Education Program.

**ED-426 PROFESSIONAL INTERNSHIP IN EDUCATION K-8, I 7.00-14.00 Credits**

A performance-based experience where interns have opportunities to develop and refine instructional materials and practices based on researched best practices for reading, language arts, math, science, health, social studies, physical education, visual and performing arts and multicultural issues to be utilized in K-8 classroom settings. The importance of effective communication strategies, including appropriate technology, will be emphasized. Interns will have numerous opportunities to interact with classroom teachers and elementary students during this first semester of a year-long internship. Pre-requisite: Admission to the Elementary Teacher Education Program. Co-requisites: ED-427 and SE-428.

**ED-427 PROF SEMINAR: ISSUES IN EDUCATION I 1.00 Credit**

Promotes self-reflection and the successful transition into the teaching profession through opportunities for interns to address and reflect upon contemporary and perennial issues that affect and inform their praxis. Includes questions of instructional philosophies and orientations, classroom management, professional conduct, ethics and legal considerations, interpersonal communications, steps toward securing employment, efficient time management, and proposals for educational reform and innovation. Fee required. Pre-requisite: Admission to the Elementary Teacher Education Program. Co-requisites: ED 426 and SE 428.

**ED-429 PROFESSIONAL INTERNSHIP IN EDUCATION K-8, II 7.00-14.00 Credits**

A continuation of ED-426. As the internship experience proceeds the intern will continually assume more responsibility for classroom instruction and management. This is a writing integrated course. Pre-requisite: Admission to the Elementary Teacher Education Program Co-requisites: ED-430 and SE-431. Graded P/F only.

**ED-430 PROF SEMINAR:ISSUES IN EDUCATION II 1.00 Credit**

A continuation of ED-427. LCSC faculty as well as occasional guests including teachers and school administrators will conduct the seminar. Pre-requisite: Admission to the Elementary Teacher Education Program. Co-requisites: ED-429 and SE-431.

**ED-432 PACE SEMINAR 1.00 Credit**

This seminar provides opportunities for PACE candidates to investigate and share techniques for the development of a personal folio evidencing their abilities to meet State of Idaho Content Area Standards in their chosen teaching field, to begin preparation of their professional portfolios, and to make arrangements for their internship experience under the direction and guidance of a Division of Education faculty supervisor. Pre-requisite: Admission to the PACE Teacher Education Program or permission of the instructor.

**ED-445 INSTRUCTIONAL STRATEGIES AND CLASSROOM MANAGEMENT, 6-12 3.00 Credits**

This course familiarizes students with a variety of instructional models and practices, classroom management strategies, and the building of learning communities to meet the needs of students in grades 6-12. Students demonstrate pedagogical knowledge, skills, and dispositions. Students develop products that demonstrate understanding of key aspects of classroom environment, instruction, management, and motivation. Includes significant clinical experience hours in area secondary schools. Pre-requisite: ED-214 (with a minimum grade of C-), ED-318 (with a minimum grade of B-), ED-321 (with a minimum grade of B-), and admission into Secondary Teacher Education Program. ED-447 must be taken concurrently.

**ED-447 TEACHING METHODS IN THE CONTENT AREA 2.00 Credits**

This course combines theoretical and practical learning experiences in pedagogical content knowledge. Students demonstrate requisite knowledge, skills, and dispositions through authorship of content-specific unit plans. Special emphasis is placed on teaching methods and strategies relevant to a content area. Provides a meaningful pre-internship clinical experience in the content area for students. Course can be taken within one academic year of Clinical Internship. Pre-requisites: ED-214 or ED-310 (with a minimum grade of C-), ED-318 (with a minimum grade of B-), ED-321 (with a minimum grade of B-) and admission into secondary education program. Must take ED-445 concurrently.

**ED-452 INTERNSHIP SEMINAR 1.00 Credit**

This seminar promotes self-reflection and the successful transition into the teaching profession through opportunities for interns to address and reflect upon their internship experiences and contemporary and perennial issues that affect and inform their praxis. Pre-requisite: Admission into the Secondary Education Program. Co-requisites: ED-460 and ED-461.

**ED-454 PROFESSIONAL TEACHING STRATEGIES 6-12 3.00 Credits**

This course in instructional design focuses on the acquisition and integration of basic pedagogical knowledge, skills and dispositions related to secondary teaching methods necessary to design, develop, deliver and evaluate effective instruction. Teacher candidates will become familiar with a variety of traditional and contemporary teaching models to meet the needs of a culturally and intellectually diverse classroom population. Includes a demonstration of requisite knowledge, skills, and dispositions through authorship of a course rationale and syllabus and unit plan templates, completing videotaped mini-teaching lessons and passing quizzes and the course examination Pre-requisite: Admission to the Secondary Teacher Education Program. This course is not available to students who have successfully completed ED 454 prior to Fall 2003.

**ED-460 PROFESSIONAL INTERNSHIP IN EDUCATION 6-12 3.00-12.00 Credits**

The integration and application of pedagogical knowledge, skills, and dispositions necessary to successfully design, develop, deliver, and evaluate instruction during a semester-long internship with an on-site secondary teacher educator. Interns are asked to utilize a variety of traditional and contemporary teaching strategies, aids, materials, and activities to meet the needs of a culturally and intellectually diverse classroom population. Interns will participate in regular seminars, lectures, and/or laboratory sessions in support of their internship activities. The intern should have a means of transportation to the internship school. Pre-requisite: Successful completion of all Phase I and Phase II requirements. Pre-requisite: Admission into the Secondary Education Program. Co-requisites: ED-452 and SE-407. Graded P/F only.

**ED-461 PROFESSIONAL INTERNSHIP IN EDUCATION K-12 3.00-12.00 Credits**

For candidates seeking K-12 teaching certificates, the integration and application of pedagogical knowledge, skills, and dispositions necessary to successfully design, develop, deliver, and evaluate instruction during a semester-long internship with on-site K-12 teacher educators. Interns are asked to utilize a variety of traditional and contemporary teaching strategies, aids, materials, and activities to meet the needs of a culturally and intellectually diverse classroom population. Interns will participate in regular seminars, lectures, and/or laboratory sessions in support of their internship activities. The intern should have a means of transportation to the internship school. Pre-requisite: Successful completion of all Phase I and Phase II requirements. Pre-requisite: Admission into the Secondary Education Program. Co-requisites: ED-452 and SE-407. Graded P/F only.

**ED-476 LEARNER DEVELOPMENT & DIFFERENTIATION (MODULE A) 3.00 Credits**

Builds pedagogical knowledge for the candidates about students: development, individual learning differences, learning environments, and uses understanding of individual differences and diverse cultures and communities.

**ED-477 CREATING AN ENVIRONMENT THAT FOSTERS COLLEGE AND CAREER READY SKILLS (MODULE B) 3.00 Credits**

Builds pedagogical knowledge for the candidates in creating supportive environments that encourage positive social interaction, active engagement in learning, and self-motivation in students. With a focus specifically on the development of the skills necessary for college and career readiness. Acceptance into the PACE Mastery-Based Pathway Program required.

**ED-478 CREATING AN ENVIRONMENT FOR ALL LEARNERS (MODULE C) 3.00 Credits**

Builds pedagogical knowledge for the candidates in creating supportive environments that encourage individual and collaborative learning, positive social interaction, active engagement in learning, and self-motivation in students, With a focus specifically on understanding diversity. Acceptance into the PACE Mastery-Based Pathway Program required.

**ED-479 DIFFERENTIATION AND APPLICATION OF CONTENT (MODULE D) 3.00 Credits**

Builds pedagogical knowledge for the candidates in their content area(s) to make the content accessible to students. Specific focus will be in the development of engaging learners in critical thinking, creativity, and collaborative problem solving related to authentic local and global issues that leads toward mastery of content. Acceptance into the PACE Mastery-Based Pathway Program required.

**ED-480 DESIGNING INSTRUCTION AND ASSESSMENT LITERACY (MODULE E) 3.00 Credits**

Builds pedagogical knowledge for the candidates in methodologies of assessment, planning, and instruction. Specific attention is given to the impact of assessment on learning, instruction for learning, student's application of knowledge, community context, and decision making for curriculum. Acceptance into the PACE Mastery-Based Pathway Program required.

**ED-490 DIRECTED STUDY IN EDUCATION 1.00-14.00 Credits****ED-491 WORKSHOP IN EDUCATION 1.00-3.00 Credits**

Graded P/F only.

**ED-491A WORKSHOP IN EDUCATION 1.00-12.00 Credits****ED-492 SPECIAL TOPICS IN EDUCATION 1.00-3.00 Credits****ED-494 INTERNSHIP IN EDUCATION 1.00-12.00 Credits****ED-495 PRACTICUM IN EDUCATION 1.00-12.00 Credits****ED-499 RESEARCH PROJECT AND SEMINAR IN EDUCATION 1.00-12.00 Credits****MATH-015 ARITHMETIC AND PRE-ALGEBRA 3.00 Credits**

Preparation for MATH 023 and MATH 025. Arithmetic with whole numbers, signed numbers, fractions, and decimals. Order of operations, variables, simplifying of algebraic expressions. Concrete representations of arithmetic operations and algebraic concepts are emphasized. Particularly appropriate for students who experience anxiety when learning mathematics. Course fee.

**MATH-023 BASIC ALGEBRA FOR MATH AS A LIBERAL ART 3.00 Credits**

Brief review of integer arithmetic, fraction arithmetic, percent and order of operations. Evaluating formulas. Units and unit analysis. Solving equations in one variable and using equations in one variable to solve application problems. Graphing linear equations, intercepts, slope, writing the equation of a line. Introduction to functions. Average rate of change, introduction to linear and exponential models. Simplifying exponential expressions, scientific notation, introduction to logarithms. Introduction to sets, counting methods, and discrete probability. Pre-requisite: A grade of C or better in Math-015 or satisfactory placement score. Course fee.

**MATH-025 BASIC ALGEBRA 3.00 Credits**

Brief review of prealgebra. Solving equations and inequalities in one variable; applications. Evaluating formulas; unit analysis. Graphing linear equations, intercepts, slope, writing the equation of a line, introduction to functions. Average rate of change and linear models. Graphing linear inequalities. Systems of linear equations; applications. Exponent rules and scientific notation. Addition, subtraction, multiplication, and factoring of polynomials in one variable. Using the zero product property to solve quadratic equations in one variable. Pre-requisite: A grade of 'C' or better in MATH-015 or satisfactory placement score.

**MATH-123 MATH IN MODERN SOCIETY 3.00 Credits**

This course introduces students to the form and function of mathematics as it applies to liberal-arts studies with a heavy emphasis on its applications. Topics covered include ratios, rates and proportions; properties of linear equations; graphing linear equations; constructing and using linear models; exponential and logarithmic equations and models; financial applications; and elementary probability and statistics. Pre-requisite: MATH-023, MATH-025, MTHPT-103 or MTHPT-120 with a grade of 'C' or better, or permission of the instructor.

**MATH-123P MATH IN MODERN SOCIETY--SUPPLEMENT 2.00 Credits**

This course provides just-in-time preparation for the mathematical skills necessary to be successful in MATH-123 with an emphasis on problem-solving and college-readiness skills. Topics will include order of operations, fraction and decimal arithmetic, percent, scientific notation, interval notation, lines, calculator use, and mathematical modeling. Must be taken concurrently with MATH-123.

**MATH-130 FINITE MATHEMATICS 4.00 Credits**

Systems of linear equations and inequalities, elementary matrix algebra, introduction to linear programming, elementary discrete probability and statistics. Emphasis on applications to business, economics and social sciences. Pre-requisite: A grade of 'C' or better in MATH 025 or MTHPT 103 or satisfactory placement score.

**MATH-143 COLLEGE ALGEBRA 3.00 Credits**

Emphasis on the concept of real-valued functions and their applications, including domain, range, algebraic operations, composition, inverses, and graphing. Topics include polynomial functions, division of polynomials, roots of polynomials, theory of equations, complex numbers, fundamental theorem of algebra, rational functions and asymptotes, logarithmic and exponential functions, transformations, solving systems of linear and nonlinear equations, and matrices. Students will engage in multi-step algebraic manipulation of complicated functional expressions. Pre-requisite: Satisfactory placement score, or placement into MATH-143P to be taken concurrently with MATH-143.

**MATH-143P SUPPLEMENTAL INSTRUCTION FOR COLLEGE ALGEBRA 2.00 Credits**

The course provides embedded instruction of skills necessary for college algebra. Topics may include absolute value, factoring trinomials, function notation, exponents and logarithms, systems of linear equations, simplifying rational and radical expressions, solving rational and radical equations, graphing, and inequalities. Pre-requisite: This course must be taken concurrently with MATH-143. MATH-025 with a grade of C or better, or satisfactory placement score.

**MATH-144 TRIGONOMETRY 2.00 Credits**

This course introduces right-triangle and circular function approaches to trigonometry. Topics include plane trigonometry, trigonometric identities, graphs of trigonometric functions, amplitude, frequency, phase shift, inverse trigonometric functions and their graphs, polar coordinates, and polar representation of complex numbers. Pre-requisite: MATH-143 or satisfactory placement score.

**MATH-147 COLLEGE ALGEBRA AND TRIGONOMETRY 5.00 Credits**

The course emphasizes functions, circular trigonometry and multilevel problem solving as preparation for calculus. Functions are treated as mathematical entities, including domain, range, algebraic operations, composition, inverses, and graphing. Polynomial, logarithmic, exponential, trigonometric, inverse trigonometric, radical and rational functions are explored. Algebraic techniques include division of polynomials, roots of polynomials, theory of equations and inequalities, complex numbers and DeMoivre's Theorem, the Fundamental Theorem of Algebra, solving systems of linear and nonlinear equations, and matrices. Trigonometric identities are derived, proven, and applied. Polar coordinates, vectors and oblique triangles are introduced and used in a variety of applications. Analytic geometry focuses on circles, parabolas, distance and midpoints. MATH-147 is equivalent to MATH-143 plus MATH-144. Pre-requisite: A grade of 'C' or better in MATH-143P or satisfactory placement score.

**MATH-153 STATISTICAL REASONING 3.00 Credits**

This course introduces students to problem solving and decision making using single and multivariable statistical models. The course focuses on conceptual understanding of randomness, variability, statistical models, and inference through exploration of data. The use of technology for analysis of data is integrated throughout. Topics include descriptive statistics, probability, hypothesis testing, confidence intervals, likelihood ratios, correlation, and regression. Pre-requisite: A grade of 'C' or better in MATH-023, MATH-025, or appropriate math placement score.

**MATH-153P SUPPLEMENTAL INSTRUCTION FOR MATH 153 1.00 Credit**

This course provides just-in-time preparation of the mathematical skills necessary to be successful in MATH-153 with an emphasis on problem-solving and college-readiness skills. Topics may include order of operations, fraction and decimal arithmetic, percent, scientific notation, interval notation, lines, calculator use, and use of statistical software. Pre-requisite: This course must be taken concurrently with MATH-153. MATH-015 with a grade of C or better, or satisfactory placement score.

**MATH-157 MATHEMATICS FOR ELEMENTARY TEACHERS I 4.00 Credits**

This course provides an overview of some of the mathematics taught in grades K-8 with an emphasis on conceptual understanding and communication of mathematical principles. This is the first course in a two-course sequence of mathematics content courses which is not intended to be a methods of teaching course. Topics may include numbers and the base-ten system; fractions and problem-solving; addition, subtraction, multiplication, and division of real numbers; ratio and proportional relationships; and number theory. Pre-requisite: A grade of 'C' or better in MTHPT-137 or satisfactory placement score, or placement into MATH-157P to be taken concurrently with MATH-157.

**MATH-157P SUPPLEMENTAL INSTRUCTION FOR MATH 157 1.00 Credit**

This course provides just-in-time preparation of the mathematical skills necessary to be successful in MATH-157 and MATH-257 with an emphasis on problem-solving and college-readiness skills. Topics may include accuracy vs precision, order of operations, number theory, fraction and decimal arithmetic, percent, properties of real numbers, conversions and unit analysis, geometry and measurement, factoring, mental math, exponents and scientific notation, lines and graphing, probability, and statistics. This course must be taken concurrently with MATH-157. Prerequisite: MATH-023 or MATH-025 with a grade of C or better or satisfactory placement score.

**MATH-170 CALCULUS I 4.00 Credits**

Definitions of limit, derivative, antiderivative, definite integral. Computation of the derivative, including logarithmic, exponential, and trigonometric functions. Applications of the derivative, optimization, mean value theorem. The fundamental theorem of calculus, brief introduction to applications of the integral and to computation of antiderivatives. Intended for students in engineering, mathematics, and the sciences. Pre-requisites: A grade of "C" or better in MATH-147 or MATH-143 and MATH-144 or satisfactory placement score.

**MATH-175 CALCULUS II 4.00 Credits**

Applications of the integral, symbolic and numerical techniques of integration, inverse transcendental functions. Sequences and series, with an emphasis on power series and approximation. Pre-requisite: A grade of 'C' or better in MATH-170.

**MATH-186 DISCRETE MATHEMATICS 3.00 Credits**

Topics such as sets, functions, algorithms, logic, Boolean algebra are included. This course consists of numerous topics which are particularly valuable to students pursuing a computer science minor. Pre-requisite: A grade of 'C' or better in MATH-143 or MATH-147, or satisfactory placement score.

**MATH-190 DIRECTED STUDY IN MATH 1.00-12.00 Credits****MATH-192 SPECIAL TOPICS IN MATHEMATICS 1.00-12.00 Credits****MATH-195 PRACTICUM IN MATHEMATICS 1.00-2.00 Credits**

Tutoring in the mathematics laboratory or functioning as a teacher's aide in a lower division mathematics course. Pre-requisite: Approval of the division chair. May be repeated for a total of 4 credits.

**MATH-240 INTRODUCTION TO LINEAR ALGEBRA 2.00 Credits**

The introduction to linear algebra course covers systems of linear equations, Gaussian elimination, matrices vector spaces, linear independence, basis, dimension, determinants, eigenvalues, and eigenvectors. Pre-requisite: MATH-170.



**MATH-253 STATISTICAL METHODS FOR THE SCIENCES 3.00 Credits**

Introduction to statistical methods for scientists including design of statistical studies, basic sampling methods, descriptive statistics, probability and sampling distributions, inference regression, and analysis of variance. Pre-requisite: A grade of 'C' or better in MATH-143 or MATH-147 or satisfactory placement score.

**MATH-257 MATHEMATICS FOR ELEMENTARY TEACHERS II 4.00 Credits**

This course is a continuation of MATH-157 and continues an overview of some of the mathematics taught in grades K-8 with an emphasis on conceptual understanding and communication of mathematical principles. This is the second course in a two-course sequence of mathematics content courses which is not intended to be a methods of teaching course. Topics may include algebra; geometry; measurement; area of shapes; circumference; the number pi; construction proofs of the Pythagorean theorem; solid shapes and their volumes and surface areas; geometry of motion and change; statistics; and probability. Pre-requisite: MATH-157 with a grade of C or better.

**MATH-267 MATHEMATICS FOR MIDDLE SCHOOL TEACHERS 4.00 Credits**

This course is designed to prepare teachers of middle school mathematics. The course provides an overview of some of the mathematics taught in grades 6-10 with an emphasis on conceptual understanding and communication of mathematical principles through reasoning and problem-solving. Topics will include transformational geometry; counting and probability; and statistics. Additional topics may include set theory; graph theory; number theory; coding; intuitive calculus; introduction to linear algebra; basic topology; and discrete mathematics. Pre-requisite: MATH-143 or MATH-147 with a grade of C or better, or satisfactory placement score.

**MATH-275 CALCULUS III 4.00 Credits**

Vector algebra and geometry, functions of several variables, partial and directional derivatives, gradient, chain rule, optimization, multiple and iterated integrals. Parametric curves and surfaces in 3-space, vector fields, divergence and curl, line and surface integrals. Green's, Stokes' and divergence theorems. Pre-requisite: A grade of 'C' or better in MATH-175.

**MATH-285 EUCLIDEAN GEOMETRY 3.00 Credits**

This course is designed to prepare teachers of middle and high school geometry. The course emphasizes classic geometric proof and application of geometric theorems. Topics include parallel lines, triangles, quadrilaterals, circles, and polygons. Pre-requisite: A grade of 'C' or better in MATH-147A, MATH-157, or MATH-186, or satisfactory placement score.

**MATH-290 DIRECTED STUDY IN MATHEMATICS 1.00-3.00 Credits**

Pre-requisite: A grade of 'C' or better in MATH 170 or permission of the division.

**MATH-291 WORKSHOP IN MATHEMATICS 1.00-3.00 Credits****MATH-292 SPECIAL TOPICS IN MATHEMATICS 1.00-3.00 Credits****MATH-295 PRACTICUM IN MATHEMATICS 1.00-2.00 Credits**

Tutoring in the mathematics laboratory or functioning as a teacher's aide in a lower division mathematics course. Pre-requisite: Approval of the division chair. May be repeated for a total of 4 credits.

**MATH-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****MATH-300 INTRODUCTION TO MATHEMATICAL REASONING 3.00 Credits**

Introductory topics in mathematics- logic, set theory, properties of the real line- number theory, induction, mappings, rigorous treatment of limits of sequences. Emphasis is on the concept of theorem and proof. Pre-requisite: A Grade of "C" or better in MATH 175.

**MATH-313 NUMBER THEORY 3.00 Credits**

Modular arithmetic, Pythagorean triples, prime numbers, quadratic reciprocity, Diophantine approximation, elliptic curves, and public key encryption systems. Pre-requisite: MATH-175.

**MATH-320 PROBABILITY AND STATISTICS 3.00 Credits**

Sample spaces, random variables, central limit theorems, stochastic processes, estimation and testing of hypotheses. Pre-requisites: MATH-175 and MATH-253 with a grade of C or better.

**MATH-340 LINEAR ALGEBRA 3.00 Credits**

Systems of linear equations, vector spaces, linear independence, basis, dimension, inner products, transformation, injectivity and surjectivity, orthogonal projections, orthonormal bases. Eigenvalues and eigenvectors. Positive definite matrices. Pre-requisite: A grade of 'C' or better in MATH-175.

**MATH-345 ORDINARY DIFFERENTIAL EQUATIONS 3.00 Credits**

Separation of variables, variations of parameters- methods of characteristic roots, undetermined coefficients- systems of differential equations. Laplace transform, and power series. Pre-requisite: A Grade of "C" or better in MATH-175.

**MATH-364 PRINCIPLES OF OPTIMIZATION 3.00 Credits**

In this course, students will learn the optimization techniques used to model and solve problems from various disciplines such as business, engineering, sciences, sports, etc. This course introduces students to optimization methods for linear, nonlinear, and integer programming. Emphasis will be on techniques that expand student understanding of Calculus and Linear Algebra concepts as well as how to formulate a model; interpret problems mathematically and geometrically; solution techniques in cases where Calculus cannot be used. Additional emphasis will include the theory behind solution techniques; sensitivity analysis; and how to use Octave/Matlab to solve problems. Pre-requisite: MATH-275 with a grade of C or better, or permission of the instructor.

**MATH-367 MATHEMATICS FOR MIDDLE/SECONDARY SCHOOL TEACHERS 4.00 Credits**

This course is designed to prepare teachers of middle and secondary school mathematics. The course provides an overview of some of the mathematics taught in grades 6-12 with an emphasis on conceptual understanding and communication of mathematical principles through reasoning and problem-solving. Topics will include transformational geometry; counting and probability; and statistics. Additional topics may include set theory; graph theory; number theory; coding; intuitive calculus; introduction to linear algebra; basic topology; and discrete mathematics. Pre-requisite: MATH-143 or MATH-147 with a grade of C or better, or satisfactory placement score.

**MATH-386 MODERN GEOMETRY 3.00 Credits**

Postulates of Euclid and Hilbert, transformational geometry, topics from projective and affine geometry. Understanding of the foundations of high school geometry is emphasized. Pre-requisite: MATH-170 with a grade of C or better.

**MATH-390 DIRECTED STUDY IN MATHEMATICS 1.00-3.00 Credits****MATH-391 WORKSHOP IN MATHEMATICS 1.00-3.00 Credits****MATH-392 SPECIAL TOPICS IN MATHEMATICS 1.00-12.00 Credits****MATH-395 PRACTICUM IN MATHEMATICS 1.00-2.00 Credits****MATH-399 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****MATH-450 COMPLEX ANALYSIS 3.00 Credits**

Complex numbers and functions, complex derivatives and integrals, residue theory, conformal mappings and uniform convergence. Pre-requisite: A grade of 'C' or better in MATH-300.

**MATH-460 ABSTRACT ALGEBRA I 3.00 Credits**

This is the first course in a two-course sequence that provides an introduction to abstract algebra. Topics include groups, subgroups, permutation groups, isomorphisms, homomorphisms, quotient groups, and the fundamental theorem of finite abelian groups. Pre-requisite: MATH-300 with a grade of C or better.

**MATH-461 ABSTRACT ALGEBRA II 3.00 Credits**

This is the second course in a two-course sequence that provides an introduction to abstract algebra. Topics include rings, subrings, ideals, quotient rings, polynomial rings, vector spaces, fields, extension fields, and Galois theory. Pre-requisite: MATH-460 with a grade of C or better.

**MATH-470 GENERAL TOPOLOGY 3.00 Credits**

An introduction to the fundamental concepts of general topology including set theory, metrics, neighborhoods, bases, subspaces, mappings, continuity, separation axioms, compactness and connectedness. Pre-requisite: A grade of 'C' or better in MATH-300.

**MATH-480 REAL ANALYSIS I 3.00 Credits**

This course is the first course in a two-course sequence that provides a theory of the real line, properties of real numbers, and real-valued functions. Topics include convergence of sequences; open and closed sets; density of sets; Cauchy sequences; monotone convergence theorem; pointwise and uniform convergence of functions; continuity; mean value theorem; intermediate value theorem; compactness; and differentiability. Pre-requisite: MATH-300 with a grade of C or better.

**MATH-481 REAL ANALYSIS II 3.00 Credits**

This course is the second course in a two-course sequence on the theory of real-valued functions. Topics include sequences and series of functions, Weierstrass M-test, power series, Taylor series, Riemann integrability, metric spaces, convergence in metric spaces, and differentiability of functions with higher dimensional domains. Pre-requisite: MATH-480 with a grade of C or better.

**MATH-490 DIRECTED STUDY IN MATHEMATICS 1.00-3.00 Credits**

Pre-requisite: A grade of 'C' or better in MATH-170 or permission of the division.

**MATH-491 WORKSHOP IN MATHEMATICS 1.00-3.00 Credits****MATH-492 SPECIAL TOPICS IN MATHEMATICS 1.00-3.00 Credits****MATH-494 INTERNSHIP IN MATHEMATICS 1.00-12.00 Credits**

Internship in Math.

**MATH-495 PRACTICUM IN MATHEMATICS 1.00-2.00 Credits**

Tutoring in the mathematics laboratory or functioning as a teacher's aide in a lower division mathematics course. Pre-requisite: Approval of the division chair. May be repeated for a total of 4 credits.

**MATH-499 RESEARCH PROJECT AND SEMINAR IN MATH 1.00-3.00 Credits**

Students will conduct and communicate the results of a research project in the Natural Sciences Division. Topics may include the historical, philosophical, cultural and environmental aspects, and the processes of natural science. Requirements of students include satisfactory oral presentation and defense of their research and submission of a written report approved by their advisor to the Natural Sciences Division. Prerequisite: NS-398.

**RE-217 CHILDREN'S LITERATURE AND STORYTELLING 3.00 Credits**

Acquaints students with the wide range of literature for children and with criteria for judging quality in making book selections for classroom use. Students will demonstrate abilities in using a variety of effective methods for sharing and responding to literature and for integrating literature throughout the curriculum. Includes a technology component and an emphasis on integrating the use of multiethnic literature throughout the curriculum.

**RE-290 DIRECTED STUDY IN READING 1.00-12.00 Credits****RE-291 WORKSHOP IN READING 1.00-12.00 Credits****RE-292 SPECIAL TOPICS IN READING 1.00-3.00 Credits****RE-295 PRACTICUM IN READING 1.00-12.00 Credits****RE-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits**

Graded P/F only.

**RE-301 PSYCHOLINGUISTICS, LITERACY, AND LANGUAGE ACQUISITION 3.00 Credits**

The purpose of this course is to develop students' understanding of language structure and language acquisition, to raise students' awareness of children's and young adults knowledge of language and their ability to use language, and to spark students' recognition of ways in which learning to talk and developing literate behaviors are similar. In this course we will explore the socio-psycholinguistic dimensions of language, literacy and culture. Models of theories of language acquisition will be examined including both oral and written language. Additionally, different types of discourse will be analyzed as to how they might impact literacy and language development for both first and second language learners. The course will also stress the importance of language learning as a social activity, and the possibilities of language acquisition as a means for transformative learning.

**RE-303 EMERGENT LITERACY 3.00 Credits**

Examines methods of literacy instruction appropriate for use with young children at various developmental stages. Methods examined reflect current theory and research and emphasize the importance of graphophonic, syntactic, and semantic cueing systems in the reading process. Students will have direct involvement with children in elementary classrooms as they observe and practice a variety of instructional methods.

**RE-307 LITERACY LEADERSHIP 3.00 Credits**

Develops students' theoretical and practical understandings of the following: designing and implementing literacy initiatives in elementary environments; supporting elementary teacher's literacy instruction; assessment and diagnosis of struggling readers and writers; leading literacy-oriented professional development for elementary teachers. This course includes a 20 hour field experience. Admission to the Elementary Teacher Education Program or permission of instructor. Pre-requisite: RE-340/SE-340 and RE-342/SE-342.

**RE-309 DISCIPLINARY LITERACY 3.00 Credits**

This course provides the background, issues, and strategies for future teachers to help intermediate, middle, and secondary students increase their literacy comprehension across disciplines. The course is designed to support content instruction using research-based literacy strategies for all learners. Topic areas include increasing comprehension of content in informational and narrative text, writing to persuade and inform, and using digital resources appropriately to engage in critical thinking, creativity, and collaborative problem solving.

**RE-340 FOUNDATIONAL LITERACY 4.00 Credits**

Letter knowledge, phonological awareness, and an understanding of speech-sound correspondences are essential for all children to learn how to become readers and writers. However, it is also critical for children to learn how to use these tools to better their thinking and reasoning. In this course students will develop and demonstrate knowledge of written and oral language used in literacy development through classroom lecture, research assignments, activities, and field experiences. This course includes a 24-hour field experience in a K-2 grade classroom and it aligns with the Idaho Comprehensive Literacy Coursework (ICLC). Pre-requisite: Admission to the Elementary Teacher Education Program or permission of instructor. Crosslisted with SE-340.

**RE-342 INTERMEDIATE LITERACY 4.00 Credits**

Develops and applies students' theoretical understandings of the processes of literacy learning from grades 3-8. Includes focus on instruction and assessment of: reading comprehension, vocabulary, fluency, and writing. Includes implications for meaningful instruction for academically and culturally diverse learners. This course includes a 25-hour field experience in a 3-8 grade classroom and it aligns with the Idaho Comprehensive Literacy Coursework (ICLC). Pre-requisite: Admission to the Elementary Teacher Education Program. Crosslisted with SE-342.

**RE-390 DIRECTED STUDY IN READING 1.00-12.00 Credits****RE-392 SPECIAL TOPICS IN READING 1.00-12.00 Credits****RE-399 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits**

Graded P/F only.

**RE-490 DIRECTED STUDY IN READING 1.00-12.00 Credits****RE-491 WORKSHOP IN READING 1.00-12.00 Credits****RE-492 SPECIAL TOPICS IN READING 1.00-12.00 Credits****RE-495 PRACTICUM IN READING 1.00-12.00 Credits****RE-499 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits**

Graded P/F only.



**SE-322 INCLUSION STRATEGIES K-12 3.00 Credits**

Designing strategies for teaching and assisting individuals with learning differences or disabilities in school settings. Emphasizes standards of performance related to teaching and team responsibilities of professionals working to assist students with individual strengths or needs. Pre-requisite: Admission to Teacher Education Program or permission of instructor.

**SE-332 INDIVIDUALIZED ASSESSMENT 3.00 Credits**

The study and application of models and techniques of diagnosis and educational assessment used in identifying, classifying, planning for, monitoring, and evaluating individuals with disabilities and educational programs. Co-requisite: SE-335.

**SE-333 INDIVIDUALIZED INSTRUCTION 3.00 Credits**

Instructional design and planning for teaching individuals with disabilities or learning needs. Emphasizes standards of instructional practice for motor, cognitive, academic and functional life skills.

**SE-334 INDIVIDUALIZED MOTIVATION 3.00 Credits**

Motivational planning for teaching individuals with disabilities or special needs. Emphasizes standards of practice related to planning and managing the teaching learning environment, and managing student behavior and social interaction skills.

**SE-335 SPECIAL EDUCATION FIELD EXPERIENCE 1.00 Credit**

Individualized and small group instruction experiences involving students with disabilities. Emphasizes standards of performance related to basic, social interaction, motor and functional skills development. Graded P/F only.

**SE-340 FOUNDATIONAL LITERACY 4.00 Credits**

Letter knowledge, phonological awareness, and an understanding of speech-sound correspondences are essential for all children to learn how to become readers and writers. However, it is also critical for children to learn how to use these tools to better their thinking and reasoning. In this course students will develop and demonstrate knowledge of written and oral language used in literacy development through classroom lecture, research assignments, activities, and field experiences. This course includes a 24-hour field experience in a K-2 grade classroom and it aligns with the Idaho Comprehensive Literacy Coursework (ICLC). Pre-requisite: Admission to the Elementary Teacher Education Program or permission of instructor. Crosslisted with RE-340.

**SE-342 INTERMEDIATE LITERACY 4.00 Credits**

Develops and applies students' theoretical understandings of the processes of literacy learning from grades 3-8. Includes focus on instruction and assessment of: reading comprehension, vocabulary, fluency, and writing. Includes implications for meaningful instruction for academically and culturally diverse learners. This course includes a 25-hour field experience in a 3-8 grade classroom and it aligns with the Idaho Comprehensive Literacy Coursework (ICLC). Pre-requisite: Admission to the Elementary Teacher Education Program. Cross-listed with RE-342.

**SE-390 DIRECTED STUDY IN SPECIAL EDUCATION 1.00-12.00 Credits****SE-394 INTERNSHIP IN SPECIAL EDUCATION 1.00-12.00 Credits****SE-399 RESEARCH ASSISTANTSHIP 1.00-3.00 Credits****SE-407 ADAPTIVE TEACHING 6-12 2.00 Credits**

Approaches to adapting curriculum, instruction and evaluation for students with learning difficulties in the secondary schools. Emphasis will be on motivation and alternative learning environments. Practical experiences are integrated into the course. Pre-requisite: Admission to the Secondary Teacher Education Program.

**SE-428 ADAPTIVE TEACHING I 1.00 Credit**

Approaches to adapting learning environments and motivation for students with learning differences or disabilities. Emphasizes standards of performance related to learning differences and adapting environments. Pre-requisite: Admission to the Elementary Teacher Education Program.

**SE-431 ADAPTIVE TEACHING II 1.00 Credit**

Approaches to adapting curriculum, instruction and assessments for students with learning differences or disabilities. Emphasizes standards of practices related to disabilities and adaptive instruction. Pre-requisite: Admission to the Elementary Teacher Education Program.

**SE-467 PHYSICAL ACTIVITY AND RECREATION FOR INDIVIDUALS WITH SPECIAL NEEDS 3.00 Credits**

Study of the categories of exceptionality. Socio-cultural dimensions of learning and teaching are examined. Strategies for teaching and assisting individuals with special needs and a wide variety of abilities in sport and physical activity. Includes field experiences with Special Olympics, physical and occupational therapists, and adapted physical educators in schools. Cross-listed with KIN-467.

**SE-477 CONSULTING WITH PARENTS AND PROFESSIONALS 2.00 Credits**

Theory and practice of consulting with parents of students with disabilities. Emphasizes standards of performance related to communication, collaborative partnerships, professional and ethical practices.

**SE-484 SPECIAL EDUCATION INTERNSHIP 6.00 Credits**

Individualized planning and instruction in resource or inclusion programs for students with disabilities. Emphasizes standards of performance integrating knowledge and skills required for the CEC Common Core of Knowledge and Skills Essential for All Beginning Special Education Teachers. Fee required. Pre-requisite: Admission to the Elementary or Secondary Teacher Education Program. Graded P/F only.

**SE-490 DIRECTED STUDY IN SPECIAL EDUCATION 1.00-12.00 Credits**

**SE-491 WORKSHOP IN SPECIAL EDUCATION 1.00-12.00 Credits**

**SE-492 SPECIAL TOPICS IN SPECIAL EDUCATION 1.00-12.00 Credits**

**SE-494 INTERNSHIP IN SPECIAL EDUCATION 1.00-12.00 Credits**

**SE-495 PRACTICUM IN SPECIAL EDUCATION 1.00-12.00 Credits**

## Biology: Secondary Education BA/BS

The Teacher Education program prepares candidates for certification in grades K-12. The Secondary Education program requires 27 credits of Education course work in professional foundations and studies and 13 credits during internship. Students apply for admission to the program after successfully completing nine credits of Education course work in professional foundations. During the course of the studies, candidates may be asked to reapply to the program if their GPA falls below 3.0 in general course work and 3.0 in their selected content area(s) of endorsement.

Teaching endorsement areas are attached to a Standard Instructional Certificate (grades K-12), according to Idaho Teacher Certification standards. All endorsements require a minimum of 45 semester credits, with the exception of dual endorsements where 30 semester for a major endorsement and 20 semester credits for a minor endorsement is required. The following LC State areas are approved for teaching field majors: Biology, Chemistry, Communication Arts, Earth Science, English; Kinesiology-Physical Education K-12 and Health 6-12; Mathematics; Natural Sciences; Psychology; and Social Science with a History emphasis (see degree requirements for each major). Teacher candidates must successfully pass the related Praxis II exam in their teaching content area(s).

For marketability purposes, students are encouraged to pursue endorsements and minors in a second teaching field; consult with an advisor for the proper procedure. Secondary Education majors must have a content area advisor and a Secondary Education advisor.

Graduates from other colleges or universities seeking secondary teacher certification must fulfill all Secondary Education professional course work requirements in addition to meeting all academic major or minor teaching field requirements for subject area endorsement.

Students in the Teacher Education Certification program are expected to provide evidence through performance that they have met Idaho's requirements for certification and become dedicated and knowledgeable professionals, content specialists, competent educational designers, capable educational facilitators, insightful educational evaluators, reflective professionals, and culturally responsive professionals before being recommended for teacher certification.

## Advising

Secondary Teacher Education candidates must have two advisors; one for their academic major and one for teacher certification.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-170	CALCULUS I	
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	

ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Arts</b>		
ART-100	INTRODUCTION TO ART	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES	
THEA-101	SURVEY OF THE THEATER	
<b>Language</b>		
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
<b>Scientific Ways of Knowing</b>		
CHEM-111	PRINCIPLES OF CHEMISTRY I	4.00
PHYS-111	GENERAL PHYSICS I	4.00
<b>Social &amp; Behavioral Ways of Knowing</b>		
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	3.00
Select one of the following:		3.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	
POLS-101	AMERICAN NATIONAL GOVERNMENT	
POLS-237	INTERNATIONAL POLITICS	
POLS-285	COMPARATIVE GOVERNMENT	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SOC-102	SOCIAL PROBLEMS	
SS-184	DIVERSITY IN ORGANIZATIONS	
SS-185	HUMAN RELATIONS IN ORGANIZATIONS	
<b>Diversity</b>		
Select one of the following:		3.00-4.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ANTH-360	RACE AND ETHNICITY	
COMM-345	INTERCULTURAL COMMUNICATION	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE	
GEOG-102	INTRODUCTION TO GEOGRAPHY	

HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
ID-300C	ETHICS AND IDENTITY	
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS	
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
POLS-285	COMPARATIVE GOVERNMENT	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
SPAN-201	INTERMEDIATE SPANISH I	
SPAN-202	INTERMEDIATE SPANISH II	
SS-184	DIVERSITY IN ORGANIZATIONS	
<b>Integrative Seminar: Ethics &amp; Values</b>		
Select one of the following:		3.00
ID 300A - 300Z (see course descriptions for options)		
ID-301A	HELLS CANYON INSTITUTE	
<b>Foreign/Heritage Language</b>		
Select 16 credits of language if selecting Bachelor of Arts Degree		16.00
<b>Total Credits</b>		<b>38.00-43.00</b>

## Program Requirements

Secondary certification candidates must meet the graduation requirements for their major and the Secondary Teacher Education Program and must have two advisors. (see below)

Code	Title	Credits
<b>Biology Program</b>		
BIOL-181	ECOLOGY, EVOLUTION, DIVERSITY OF LIFE	4.00
BIOL-182	CONCEPTS IN CELLULAR MECHANISMS	4.00
BIOL-331	ECOLOGY	3.00
BIOL-341	GENETICS	4.00
BIOL-372	COMPUTATIONAL BIostatISTICS	4.00
CHEM-112	PRINCIPLES OF CHEMISTRY II	4.00
MATH-170	CALCULUS I (Required if not taken as core)	
PHYS-111	GENERAL PHYSICS I	4.00
PHYS-112	GENERAL PHYSICS II	4.00
Select one of the following:		
BIOL-213	PLANT AND ANIMAL FORM AND FUNCTION	4.00
or BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	
Select one of the following:		4.00
BIOL-401	MAMMALOGY	
BIOL-402	ORNITHOLOGY	
BIOL-403	ICHTHYOLOGY	
BIOL-404	ENTOMOLOGY	
or BIOL-450	FIELD BOTANY	
<b>Selectives</b>		
Select any BIOL courses numbered 200 or higher <sup>1</sup>		3.00-4.00
<b>Secondary Education Certificate</b>		

See Secondary Education Certificate Requirements below

**Total Credits** **42.00-43.00**

<sup>1</sup> See Catalog section "Teacher Education Division: Secondary Teacher Certification" regarding certification requirements for this major. Selective course choices could be affected.

## Secondary Education Certificate Requirements

Application for admission to the Teacher Education Program is required after successful completion of the first three Phase I courses.

Code	Title	Credits
<b>Phase I - Professional Foundations of Education</b>		
ED-214	PRINCIPLES OF EDUCATION <sup>1</sup>	3.00
ED-225	TECHNOLOGIES FOR TEACHING, K-12	3.00
ED-318	ASSESSMENT OF LEARNING <sup>1</sup>	3.00
ED-321	EDUCATIONAL PSYCHOLOGY <sup>1</sup>	3.00
ED-345	CULTURALLY RELEVANT TEACHING	3.00
SE-322	INCLUSION STRATEGIES K-12 (may be taken in Phase I or Phase II)	3.00
<b>Phase II - Professional Studies in Education</b>		
ED-445	INSTRUCTIONAL STRATEGIES AND CLASSROOM MANAGEMENT, 6-12	3.00
ED-447	TEACHING METHODS IN THE CONTENT AREA	2.00
RE-309	DISCIPLINARY LITERACY	3.00
<b>Phase III - Instructional Methods in Education</b>		
ED-452	INTERNSHIP SEMINAR	1.00
ED-460	PROFESSIONAL INTERNSHIP IN EDUCATION 6-12	12.00
<b>Total Credits</b>		<b>39.00</b>

<sup>1</sup> Additional requirements must be met for teacher certification. See your Teacher Education Division advisor for details.

No grade lower than a "C-" will be accepted in any General Education core, Content Major, or 200-level Professional Foundations course. No grade lower than a "B-" will be accepted in any 300- or 400-level education courses in the Secondary Education Program.

A minimum cumulative GPA of 3.0 is required for admission into the Secondary Teacher Education Program. Candidates must also maintain a 3.0 cumulative GPA in their content area classes.

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
CHEM-111	PRINCIPLES OF CHEMISTRY I	4.00
CORE	Oral Communication	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
CORE	MATH-143, MATH-147 or MATH-170	3.00-5.00
	<b>Credits</b>	<b>13.00-15.00</b>
<b>Spring</b>		
CHEM-112	PRINCIPLES OF CHEMISTRY II	4.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
ENGL-102	WRITING AND RHETORIC II	3.00
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	3.00
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	3.00
	<b>Credits</b>	<b>16.00</b>
<b>Second Year</b>		
<b>Fall</b>		
BIOL-181	ECOLOGY, EVOLUTION, DIVERSITY OF LIFE	4.00

CORE	Diversity	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
PHYS-111	GENERAL PHYSICS I	4.00
Program Requirement	Select BIOL course in 200/300/400 level	4.00
<b>Credits</b>		<b>18.00</b>
<b>Spring</b>		
BIOL-182	CONCEPTS IN CELLULAR MECHANISMS	4.00
BIOL-213 or BIOL-227	PLANT AND ANIMAL FORM AND FUNCTION or HUMAN ANATOMY AND PHYSIOLOGY I	4.00
CORE	Integrative Seminar: Ethics & Values	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
PHYS-112	GENERAL PHYSICS II	4.00
<b>Credits</b>		<b>18.00</b>
<b>Third Year</b>		
<b>Fall</b>		
BIOL-331	ECOLOGY	3.00
BIOL-341	GENETICS	4.00
BIOL-372	COMPUTATIONAL BIOSTATISTICS	4.00
Program Requirement	BIOL-401, BIOL-402, BIOL-403, BIOL-404 or BIOL-450	4.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>80.00-82.00</b>

## Secondary Education Certificate Requirements

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ED-214	PRINCIPLES OF EDUCATION	3.00
ED-225	TECHNOLOGIES FOR TEACHING, K-12	3.00
ED-318	ASSESSMENT OF LEARNING	3.00
ED-321	EDUCATIONAL PSYCHOLOGY	3.00
ED-345	CULTURALLY RELEVANT TEACHING	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
ED-445	INSTRUCTIONAL STRATEGIES AND CLASSROOM MANAGEMENT, 6-12	3.00
ED-447	TEACHING METHODS IN THE CONTENT AREA	2.00
RE-309	DISCIPLINARY LITERACY	3.00
SE-322	INCLUSION STRATEGIES K-12	3.00
<b>Credits</b>		<b>11.00</b>
<b>Second Year</b>		
<b>Fall</b>		
ED-452	INTERNSHIP SEMINAR	1.00
ED-460	PROFESSIONAL INTERNSHIP IN EDUCATION 6-12	12.00
<b>Credits</b>		<b>13.00</b>
<b>Total Credits</b>		<b>39.00</b>

Graduates with a BA/BS in Biology: Secondary Education go on to obtain careers in a variety of fields:

- Secondary Biology Teacher (6-12)
- Adult and Continuing Education
- Research
- Lab Technician
- Training Specialist

- Business and Industry
- Instructional Coach

## Chemistry: Secondary Education BA/BS

The Teacher Education program prepares candidates for certification in grades K-12. The Secondary Education program requires 27 credits of Education course work in professional foundations and studies and 13 credits during internship. Students apply for admission to the program after successfully completing nine credits of Education course work in professional foundations. During the course of the studies, candidates may be asked to reapply to the program if their GPA falls below 3.0.

Teaching endorsement areas are attached to a Standard Instructional Certificate (grades K-12), according to Idaho Teacher Certification standards. All endorsements require a minimum of 45 semester credits, with the exception of dual endorsements where 30 semester for a major endorsement and 20 semester credits for a minor endorsement is required. The following LC State areas are approved for teaching field majors: Biology, Chemistry, Communication Arts, Earth Science, English; Kinesiology-Physical Education K-12 and Health 6-12; Mathematics; Natural Sciences; Psychology; and Social Science with a History emphasis (see degree requirements for each major). Teacher candidates must successfully pass the related Praxis II exam in their teaching content area(s).

For marketability purposes, students are encouraged to pursue endorsements and minors in a second teaching field; consult with an advisor for the proper procedure. Secondary Education majors must have a content area advisor and a Secondary Education advisor.

Graduates from other colleges or universities seeking secondary teacher certification must fulfill all Secondary Education professional course work requirements in addition to meeting all academic major or minor teaching field requirements for subject area endorsement.

Students in the Teacher Education Certification program are expected to provide evidence through performance that they have met Idaho's requirements for certification and become dedicated and knowledgeable professionals, content specialists, competent educational designers, capable educational facilitators, insightful educational evaluators, reflective professionals, and culturally responsive professionals before being recommended for teacher certification.

## Advising

Secondary Teacher Education candidates must have two advisors; one for their academic major and one for teacher certification.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-170	CALCULUS I	
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Arts</b>		

ART-100	INTRODUCTION TO ART	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES	
THEA-101	SURVEY OF THE THEATER	
<b>Language</b>		
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
<b>Scientific Ways of Knowing</b>		
CHEM-111	PRINCIPLES OF CHEMISTRY I	4.00
Select one of the following:		4.00-5.00
PHYS-111	GENERAL PHYSICS I	
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I	
<b>Social &amp; Behavioral Ways of Knowing</b>		
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	3.00
Select one of the following:		3.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	
POLS-101	AMERICAN NATIONAL GOVERNMENT	
POLS-237	INTERNATIONAL POLITICS	
POLS-285	COMPARATIVE GOVERNMENT	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SOC-102	SOCIAL PROBLEMS	
SS-184	DIVERSITY IN ORGANIZATIONS	
SS-185	HUMAN RELATIONS IN ORGANIZATIONS	
<b>Diversity</b>		
Select one of the following:		3.00-4.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ANTH-360	RACE AND ETHNICITY	
COMM-345	INTERCULTURAL COMMUNICATION	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	



HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
ID-300C	ETHICS AND IDENTITY	
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS	
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
POLS-285	COMPARATIVE GOVERNMENT	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
SPAN-201	INTERMEDIATE SPANISH I	
SPAN-202	INTERMEDIATE SPANISH II	
SS-184	DIVERSITY IN ORGANIZATIONS	
<b>Integrative Seminar: Ethics &amp; Values</b>		
Select one of the following:		3.00
ID 300A - 300Z (see course descriptions for options)		
ID-301A	HELLS CANYON INSTITUTE	
<b>Foreign/Heritage Language</b>		
Select 16 credits of language if selecting Bachelor of Arts Degree		16.00
<b>Total Credits</b>		<b>38.00-44.00</b>

## Program Requirements

Secondary certification candidates must meet the graduation requirements for their major and the Secondary Teacher Education Program and must have two advisors. (see below)

Code	Title	Credits
<b>Chemistry Program</b>		
CHEM-112	PRINCIPLES OF CHEMISTRY II	4.00
CHEM-300	PHYSICAL CHEMISTRY I WITH LABORATORY	4.00
CHEM-306	PHYSICAL CHEMISTRY II	3.00
CHEM-325	QUANTITATIVE ANALYSIS	3.00
CHEM-325L	QUANTITATIVE ANALYSIS LABORATORY	2.00
CHEM-371	ORGANIC CHEMISTRY I	3.00
CHEM-372	ORGANIC CHEMISTRY II	3.00
CHEM-373	ORGANIC CHEMISTRY I LAB	1.00
CHEM-376	ORGANIC CHEMISTRY II LAB	2.00
CHEM-454	INSTRUMENTAL ANALYSIS	5.00
CHEM-463	INORGANIC CHEMISTRY	4.00
CHEM-481	BIOCHEMISTRY I	4.00
MATH-170	CALCULUS I (Required if not taken as core)	
MATH-175	CALCULUS II	4.00
PHYS-112	GENERAL PHYSICS II	4.00-5.00
or PHYS-212	PHYSICS FOR SCIENTISTS AND ENGINEERS II	
<b>Secondary Education Certificate</b>		
See Secondary Education Certificate Requirements below		
<b>Total Credits</b>		<b>46.00-47.00</b>

<sup>1</sup> See Catalog section "Teacher Education Division: Secondary Teacher Certification" regarding certification requirements for this major. Selective course choices could be affected.

## Secondary Education Certificate Requirements

Application for admission to the Teacher Education Program is required after successful completion of the first three Phase I courses.

Code	Title	Credits
<b>Phase I - Professional Foundations of Education</b>		
ED-214	PRINCIPLES OF EDUCATION <sup>1</sup>	3.00
ED-225	TECHNOLOGIES FOR TEACHING, K-12	3.00
ED-318	ASSESSMENT OF LEARNING <sup>1</sup>	3.00
ED-321	EDUCATIONAL PSYCHOLOGY <sup>1</sup>	3.00
ED-345	CULTURALLY RELEVANT TEACHING	3.00
SE-322	INCLUSION STRATEGIES K-12 (may be taken in Phase I or Phase II)	3.00
<b>Phase II - Professional Studies in Education</b>		
ED-445	INSTRUCTIONAL STRATEGIES AND CLASSROOM MANAGEMENT, 6-12	3.00
ED-447	TEACHING METHODS IN THE CONTENT AREA	2.00
RE-309	DISCIPLINARY LITERACY	3.00
<b>Phase III - Instructional Methods in Education</b>		
ED-452	INTERNSHIP SEMINAR	1.00
ED-460	PROFESSIONAL INTERNSHIP IN EDUCATION 6-12	12.00
<b>Total Credits</b>		<b>39.00</b>

<sup>1</sup> Additional requirements must be met for teacher certification. See your Teacher Education Division advisor for details.

No grade lower than a "C-" will be accepted in any General Education core, Content Major, or 200-level Professional Foundations course. No grade lower than a "B-" will be accepted in any 300- or 400-level courses for Secondary Education.

A minimum cumulative GPA of 3.0 is required for admission into the Secondary Teacher Education Program. Candidates must also maintain a 3.0 cumulative GPA in their content area classes.

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
CORE	Oral Communication	3.00
CHEM-111	PRINCIPLES OF CHEMISTRY I	4.00
CORE	MATH-143, MATH-147 or MATH-170	3.00-5.00
	<b>Credits</b>	<b>13.00-15.00</b>
<b>Spring</b>		
ENGL-102	WRITING AND RHETORIC II	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	3.00
CHEM-112	PRINCIPLES OF CHEMISTRY II	4.00
	<b>Credits</b>	<b>13.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CHEM-300	PHYSICAL CHEMISTRY I WITH LABORATORY	4.00
CORE	Diversity	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
PHYS-111 or PHYS-211	GENERAL PHYSICS I or PHYSICS FOR SCIENTISTS AND ENGINEERS I	4.00-5.00
MATH-175	CALCULUS II	4.00
	<b>Credits</b>	<b>18.00-19.00</b>

**Spring**

CORE	Integrative Seminar: Ethics & Values	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
PHYS-112 or PHYS-212	GENERAL PHYSICS II or PHYSICS FOR SCIENTISTS AND ENGINEERS II	4.00-5.00
CHEM-306	PHYSICAL CHEMISTRY II	3.00
CHEM-325	QUANTITATIVE ANALYSIS	3.00
<b>Credits</b>		<b>16.00-17.00</b>

**Third Year****Fall**

CHEM-371	ORGANIC CHEMISTRY I	3.00
CHEM-373	ORGANIC CHEMISTRY I LAB	1.00
CHEM-454	INSTRUMENTAL ANALYSIS	5.00
CHEM-463	INORGANIC CHEMISTRY	4.00
<b>Credits</b>		<b>13.00</b>

**Spring**

CHEM-372	ORGANIC CHEMISTRY II	3.00
CHEM-376	ORGANIC CHEMISTRY II LAB	2.00
CHEM-481	BIOCHEMISTRY I	4.00
<b>Credits</b>		<b>9.00</b>

**Total Credits** **82.00-86.00**

**Secondary Education Certificate Requirements**

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ED-214	PRINCIPLES OF EDUCATION	3.00
ED-225	TECHNOLOGIES FOR TEACHING, K-12	3.00
ED-318	ASSESSMENT OF LEARNING	3.00
ED-321	EDUCATIONAL PSYCHOLOGY	3.00
ED-345	CULTURALLY RELEVANT TEACHING	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
ED-445	INSTRUCTIONAL STRATEGIES AND CLASSROOM MANAGEMENT, 6-12	3.00
ED-447	TEACHING METHODS IN THE CONTENT AREA	2.00
RE-309	DISCIPLINARY LITERACY	3.00
SE-322	INCLUSION STRATEGIES K-12	3.00
<b>Credits</b>		<b>11.00</b>
<b>Second Year</b>		
<b>Fall</b>		
ED-452	INTERNSHIP SEMINAR	1.00
ED-460	PROFESSIONAL INTERNSHIP IN EDUCATION 6-12	12.00
<b>Credits</b>		<b>13.00</b>
<b>Total Credits</b>		<b>39.00</b>

Graduates with a BA/BS Chemistry: Secondary Education go on to obtain careers in a variety of fields:

- Secondary Chemistry Teacher (6-12)
- Adult and Continuing Education
- Research
- Lab Technician
- Training Specialist

- Business and Industry
- Instructional Coach

## Communication Arts: Secondary Education BA/BS

The Secondary Teacher Education program prepares teacher candidates for certification in grades 6-12. It requires 27 credits of Education coursework in professional foundations and studies and 13 credits during internship. Students apply for admission to the program after successfully completing nine credits of Education coursework in professional foundations. During the course of the studies, candidates may be asked to reapply to the program if their GPA falls below 3.0 in general coursework and 3.0 in their selected content area(s) of endorsement such as biology, chemistry, communication arts, earth science, English, math, natural sciences, physical education/health, psychology, or social studies. There are separate degree requirements for each major and minor endorsement area.

Secondary Teaching Certificates (6-12) are endorsed for subject areas according to Idaho Teacher Certification standards. All certificates require a minimum of 30 semester credits for a major endorsement area and 20 semester credits for a minor endorsement area, or a minimum of 45 semester credits for a single endorsement. The following LC State areas are approved for teaching field majors: Biology; Chemistry; Communication Arts with a Speech and Debate emphasis; Earth Science; English; Kinesiology-Physical Education K-12 and Health 6-12; Mathematics; Natural Sciences; Psychology; and Social Science with a History emphasis (see degree requirements for each major). For marketability purposes, students are encouraged to pursue endorsements and minors in a second teaching field; consult with an advisor for the proper procedure. Secondary Education majors must have a content area advisor and a Secondary Education advisor.

Graduates from other colleges or universities seeking secondary teacher certification must fulfill all Secondary Education professional coursework requirements in addition to meeting all academic major or minor teaching field requirements for subject area endorsement.

Students in the Secondary Education Certification program are expected to provide evidence through performance that they have met Idaho's requirements for certification and become dedicated and knowledgeable professionals, content specialists, competent educational designers, capable educational facilitators, insightful educational evaluators, reflective professionals, and culturally responsive professionals before being recommended for secondary teacher certification.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
COMM-204	PUBLIC SPEAKING	3.00
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	

ENGL-261	MYTHOLOGIES	
<b>Arts</b>		
ART-100	INTRODUCTION TO ART	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES	
THEA-101	SURVEY OF THE THEATER	
<b>Language</b>		
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
<b>Scientific Ways of Knowing</b>		
Select one course from two disciplines; one lab		7.00-8.00
BIOF-100	INTRODUCTION TO BIOINFORMATICS	
BIOL-100	CONCEPTS OF BIOLOGY	
BIOL-120	PLANTS AND PEOPLE	
BIOL-123	BIOLOGY IN FILM	
BIOL-175	HUMAN BIOLOGY	
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	
CHEM-100	CONCEPTS OF CHEMISTRY	
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	
CHEM-111	PRINCIPLES OF CHEMISTRY I	
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE	
CS-108	INTRODUCTION TO COMPUTER SCIENCE	
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE	
GEOL-101	PHYSICAL GEOLOGY	
GEOL-120	INTRODUCTION TO EARTH SYSTEMS	
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS	
ID-240	INTEGRATED SCIENCE II	
NS-140	INTEGRATED SCIENCE I	
NS-150	INTRODUCTION TO NATURAL SCIENCES <sup>1</sup>	
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR	
PHYS-111	GENERAL PHYSICS I	
or PHYS-112	GENERAL PHYSICS II	
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS	
PHYS-205	DESCRIPTIVE ASTRONOMY	
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I	
<b>Social &amp; Behavioral Ways of Knowing</b>		
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	3.00
Select one from the following:		3.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	

HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	
POLS-101	AMERICAN NATIONAL GOVERNMENT	
POLS-237	INTERNATIONAL POLITICS	
POLS-285	COMPARATIVE GOVERNMENT	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SOC-102	SOCIAL PROBLEMS	
SS-184	DIVERSITY IN ORGANIZATIONS	
SS-185	HUMAN RELATIONS IN ORGANIZATIONS	
<b>Diversity</b>		
Select one of the following:		4.00
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
SPAN-101	ELEMENTARY SPANISH I	
<b>Integrative Seminar: Ethics &amp; Values</b>		
Select one of the following:		3.00
ID 300A - 300Z (see course descriptions for options)		
ID-301A	HELLS CANYON INSTITUTE	
<b>Foreign/Heritage Language</b>		
Select 16 credits of language if selecting Bachelor of Arts Degree		16.00
<b>Total Credits</b>		<b>38.00-43.00</b>

## Program Requirements

Secondary certification candidates must meet the graduation requirements for their major and the Secondary Teacher Education Program and must have two advisors. (see below)

Code	Title	Credits
<b>Major Requirements</b>		
COMM-202	INTERPERSONAL COMMUNICATION	3.00
COMM-203	SMALL GROUP COMMUNICATION	3.00
COMM-205	LOGIC AND ARGUMENTATION	3.00
COMM-291	WORKSHOP IN COMMUNICATIONS	3.00
COMM-301	MEDIA RELATIONS	3.00
COMM-304	ADVANCED PUBLIC SPEAKING	3.00
COMM-320	PERSUASION	3.00
COMM-380	ETHICAL ISSUES IN COMMUNICATION	3.00
COMM-384	COMMUNICATION THEORY	3.00
COMM-420	RESTORATIVE COMMUNICATION	3.00
COMM-498	SENIOR RESEARCH PROJECT DESIGN	3.00
COMM-499	RESEARCH PROJECT AND SEMINAR IN COMMUNICATIONS	3.00
<b>Selectives</b>		
Select two courses from COMM or THEA Arts <sup>1</sup>		6.00
<b>Secondary Education Certificate</b>		
See Secondary Education Certificate Requirements below		
<b>Total Credits</b>		<b>42.00</b>

<sup>1</sup> See Catalog section "Teacher Education Division: Secondary Teacher Certification" regarding certification requirements for this major. Selective course choices could be affected.

## Secondary Education Certificate Requirements

Application for admission to the Teacher Education Program is required after successful completion of the first three Phase I courses.

Code	Title	Credits
<b>Phase I - Professional Foundations of Education</b>		
ED-214	PRINCIPLES OF EDUCATION <sup>1</sup>	3.00
ED-225	TECHNOLOGIES FOR TEACHING, K-12	3.00
ED-318	ASSESSMENT OF LEARNING <sup>1</sup>	3.00
ED-321	EDUCATIONAL PSYCHOLOGY <sup>1</sup>	3.00
ED-345	CULTURALLY RELEVANT TEACHING	3.00
SE-322	INCLUSION STRATEGIES K-12 (may be taken in Phase I or Phase II)	3.00
<b>Phase II - Professional Studies in Education</b>		
ED-445	INSTRUCTIONAL STRATEGIES AND CLASSROOM MANAGEMENT, 6-12	3.00
ED-447	TEACHING METHODS IN THE CONTENT AREA	2.00
RE-309	DISCIPLINARY LITERACY	3.00
<b>Phase III - Instructional Methods in Education</b>		
ED-452	INTERNSHIP SEMINAR	1.00
ED-460	PROFESSIONAL INTERNSHIP IN EDUCATION 6-12	12.00
<b>Total Credits</b>		<b>39.00</b>

<sup>1</sup> Additional requirements must be met for teacher certification. See your Teacher Education Division advisor for details.

No grade lower than a "C-" will be accepted in any General Education core, Content Major, or 200-level Professional Foundations course. No grade lower than a "B-" will be accepted in any 300- or 400-level education courses in the Secondary Education Program.

A minimum cumulative GPA of 3.0 is required for admission into the Secondary Teacher Education Program. Candidates must also maintain a 3.0 cumulative GPA in their content area classes.

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
COMM-204	PUBLIC SPEAKING	3.00
CORE	Scientific Ways of Knowing	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	3.00
SPAN-101 or NP-101	ELEMENTARY SPANISH I or NEZ PERCE LANGUAGE AND CULTURE	4.00
<b>Credits</b>		<b>16.00</b>
<b>Spring</b>		
COMM-202	INTERPERSONAL COMMUNICATION	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
ENGL-102	WRITING AND RHETORIC II	3.00
<b>Credits</b>		<b>12.00</b>
<b>Second Year</b>		
<b>Fall</b>		
COMM-203	SMALL GROUP COMMUNICATION	3.00
COMM-205	LOGIC AND ARGUMENTATION	3.00
COMM-291	WORKSHOP IN COMMUNICATIONS	3.00
CORE	Mathematical Ways of Knowing	3.00-5.00
Program Requirement	Select COMM or THEA course	3.00
<b>Credits</b>		<b>15.00-17.00</b>

**Spring**

CORE	Integrative Seminar: Ethics & Values	3.00
CORE	Scientific Ways of Knowing	4.00
CORE	Social & Behavioral Ways of Knowing	3.00
Program Requirement	Select COMM or THEA course	3.00
<b>Credits</b>		<b>13.00</b>

**Third Year****Fall**

COMM-320	PERSUASION	3.00
COMM-384	COMMUNICATION THEORY	3.00
COMM-420	RESTORATIVE COMMUNICATION	3.00
COMM-498	SENIOR RESEARCH PROJECT DESIGN	3.00
<b>Credits</b>		<b>12.00</b>

**Spring**

COMM-301	MEDIA RELATIONS	3.00
COMM-304	ADVANCED PUBLIC SPEAKING	3.00
COMM-380	ETHICAL ISSUES IN COMMUNICATION	3.00
COMM-499	RESEARCH PROJECT AND SEMINAR IN COMMUNICATIONS	3.00
<b>Credits</b>		<b>12.00</b>

**Total Credits** **80.00-82.00**

## Secondary Education Certificate Requirements

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ED-214	PRINCIPLES OF EDUCATION	3.00
ED-225	TECHNOLOGIES FOR TEACHING, K-12	3.00
ED-318	ASSESSMENT OF LEARNING	3.00
ED-321	EDUCATIONAL PSYCHOLOGY	3.00
ED-345	CULTURALLY RELEVANT TEACHING	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
ED-445	INSTRUCTIONAL STRATEGIES AND CLASSROOM MANAGEMENT, 6-12	3.00
ED-447	TEACHING METHODS IN THE CONTENT AREA	2.00
RE-309	DISCIPLINARY LITERACY	3.00
SE-322	INCLUSION STRATEGIES K-12	3.00
<b>Credits</b>		<b>11.00</b>
<b>Second Year</b>		
<b>Fall</b>		
ED-452	INTERNSHIP SEMINAR	1.00
ED-460	PROFESSIONAL INTERNSHIP IN EDUCATION 6-12	12.00
<b>Credits</b>		<b>13.00</b>
<b>Total Credits</b>		<b>39.00</b>

Graduates with a BA/BS in Communication Arts: Secondary Education go on to obtain careers in a variety of fields:

- Secondary Speech Teacher (6-12)
- Secondary Communications/Debate Teacher (6-12)
- Adult and Continuing Education
- Training Specialist
- Business and Industry



- Instructional Coach
- Media

## Earth Science: Secondary Education BA/BS

The Teacher Education program prepares candidates for certification in grades K-12. The Secondary Education program requires 27 credits of Education course work in professional foundations and studies and 13 credits during internship. Students apply for admission to the program after successfully completing nine credits of Education course work in professional foundations. During the course of the studies, candidates may be asked to reapply to the program if their GPA falls below 3.0 in general course work.

Teaching endorsement areas are attached to a Standard Instructional Certificate (grades K-12), according to Idaho Teacher Certification standards. All endorsements require a minimum of 45 semester credits, with the exception of dual endorsements where 30 semester credits for a major endorsement and 20 semester credits for a minor endorsement is required. The following LC State areas are approved for teaching field majors: Biology, Chemistry, Communication Arts, Earth Science, English; Kinesiology-Physical Education K-12 and Health 6-12; Mathematics; Natural Sciences; Psychology; and Social Science with a History emphasis (see degree requirements for each major). Teacher candidates must successfully pass the related Praxis II exam in their teaching content area(s).

For marketability purposes, students are encouraged to pursue endorsements and minors in a second teaching field; consult with an advisor for the proper procedure. Secondary Education majors must have a content area advisor and a Secondary Education advisor.

Graduates from other colleges or universities seeking secondary teacher certification must fulfill all Secondary Education professional course work requirements in addition to meeting all academic major or minor teaching field requirements for subject area endorsement.

Students in the Teacher Education Certification program are expected to provide evidence through performance that they have met Idaho's requirements for certification and become dedicated and knowledgeable professionals, content specialists, competent educational designers, capable educational facilitators, insightful educational evaluators, reflective professionals, and culturally responsive professionals before being recommended for teacher certification.

## Advising

For advising purposes, Secondary Teacher Education candidates must have two advisors; one for their academic major and one for teacher certification.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-170	CALCULUS I	
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	

**Arts**

ART-100	INTRODUCTION TO ART	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES	
THEA-101	SURVEY OF THE THEATER	

**Language**

NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	

**Scientific Ways of Knowing**

CHEM-111	PRINCIPLES OF CHEMISTRY I	4.00
Select one of the following:		4.00-5.00
PHYS-111	GENERAL PHYSICS I	
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I	

**Social & Behavioral Ways of Knowing**

PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	3.00
Select one of the following:		3.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	
POLS-101	AMERICAN NATIONAL GOVERNMENT	
POLS-237	INTERNATIONAL POLITICS	
POLS-285	COMPARATIVE GOVERNMENT	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SOC-102	SOCIAL PROBLEMS	
SS-184	DIVERSITY IN ORGANIZATIONS	
SS-185	HUMAN RELATIONS IN ORGANIZATIONS	

**Diversity**

Select one of the following:		3.00-4.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ANTH-360	RACE AND ETHNICITY	
COMM-345	INTERCULTURAL COMMUNICATION	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE	
GEOG-102	INTRODUCTION TO GEOGRAPHY	

HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
ID-300C	ETHICS AND IDENTITY	
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS	
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
POLS-285	COMPARATIVE GOVERNMENT	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
SPAN-201	INTERMEDIATE SPANISH I	
SPAN-202	INTERMEDIATE SPANISH II	
SS-184	DIVERSITY IN ORGANIZATIONS	
<b>Integrative Seminar: Ethics &amp; Values</b>		
Select one of the following:		3.00
ID 300A - 300Z (see course descriptions for options)		
ID-301A	HELLS CANYON INSTITUTE	
<b>Foreign/Heritage Language</b>		
Select 16 credits of language if selecting Bachelor of Arts Degree		16.00
<b>Total Credits</b>		<b>38.00-44.00</b>

## Program Requirements

Secondary certification candidates must meet the graduation requirements for their major and the Secondary Teacher Education Program and must have two advisors. (see below)

Code	Title	Credits
<b>Earth Science Program</b>		
CHEM-112	PRINCIPLES OF CHEMISTRY II	4.00
GEOL-101	PHYSICAL GEOLOGY	4.00
or GEOL-120	INTRODUCTION TO EARTH SYSTEMS	
GEOL-202	HISTORICAL GEOLOGY	4.00
GEOL-313	EARTH MATERIALS I	4.00
GEOL-314	EARTH MATERIALS II	4.00
GEOL-450	EARTH SYSTEMS CAPSTONE	3.00
MATH-170	CALCULUS I (Required if not taken as core)	
PHYS-205	DESCRIPTIVE ASTRONOMY	4.00
PHYS-112	GENERAL PHYSICS II	4.00-5.00
or PHYS-212	PHYSICS FOR SCIENTISTS AND ENGINEERS II	
<b>Selectives</b>		
Select from any GEOL or GIS courses numbered 200 or higher <sup>1</sup>		4.00
Select from any GEOL course numbered 300 or higher		7.00
<b>Secondary Education Certificate</b>		
See Secondary Education Certificate Requirements below		
<b>Total Credits</b>		<b>42.00-43.00</b>

<sup>1</sup> See Catalog section "Teacher Education Division: Secondary Teacher Certification" regarding certification requirements for this major. Selective course choices could be affected

## Secondary Education Certificate Requirements

Application for admission to the Teacher Education Program is required after successful completion of the first three Phase I courses.

Code	Title	Credits
<b>Phase I - Professional Foundations of Education</b>		
ED-214	PRINCIPLES OF EDUCATION <sup>1</sup>	3.00
ED-224	Course ED-224 Not Found	2.00
ED-318	ASSESSMENT OF LEARNING <sup>1</sup>	3.00
ED-321	EDUCATIONAL PSYCHOLOGY <sup>1</sup>	3.00
ED-345	CULTURALLY RELEVANT TEACHING	3.00
SE-322	INCLUSION STRATEGIES K-12 (may be taken in Phase I or Phase II)	3.00
<b>Phase II - Professional Studies in Education</b>		
ED-424	MEDIA & TECHNOLOGIES FOR TEACHING, K-12	2.00
ED-445	INSTRUCTIONAL STRATEGIES AND CLASSROOM MANAGEMENT, 6-12	3.00
ED-447	TEACHING METHODS IN THE CONTENT AREA	2.00
RE-309	DISCIPLINARY LITERACY	3.00
<b>Phase III - Instructional Methods in Education</b>		
ED-452	INTERNSHIP SEMINAR	1.00
ED-460	PROFESSIONAL INTERNSHIP IN EDUCATION 6-12	12.00
<b>Total Credits</b>		<b>40.00</b>

<sup>1</sup> Additional requirements must be met for teacher certification. See your Teacher Education Division advisor for details.

No grade lower than a "C-" will be accepted in any General Education core, Content Major, or 200-level Professional Foundations course. No grade lower than a "B-" will be accepted in any 300- or 400-level courses in Secondary Education.

A minimum cumulative GPA of 3.0 is required for admission into the Secondary Teacher Education Program. Candidates must also maintain a 3.0 cumulative GPA in their content area classes.

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
CHEM-111	PRINCIPLES OF CHEMISTRY I	4.00
CORE	Oral Communication	3.00
CORE	MATH-143, MATH-147 or MATH-170	3.00-5.00
ENGL-101	WRITING AND RHETORIC I	3.00
GEOL-101 or GEOL-120	PHYSICAL GEOLOGY or INTRODUCTION TO EARTH SYSTEMS	4.00
<b>Credits</b>		<b>17.00-19.00</b>
<b>Spring</b>		
CHEM-112	PRINCIPLES OF CHEMISTRY II	4.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
ENGL-102	WRITING AND RHETORIC II	3.00
Program Requirement	Select GEOL course 300/400 level	3.00
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	3.00
<b>Credits</b>		<b>16.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Diversity	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
GEOL-202	HISTORICAL GEOLOGY	4.00

PHYS-111 or PHYS-211	GENERAL PHYSICS I or PHYSICS FOR SCIENTISTS AND ENGINEERS I	4.00-5.00
<b>Credits</b>		<b>14.00-15.00</b>
<b>Spring</b>		
CORE	Integrative Seminar: Ethics & Values	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
GEOL-313	EARTH MATERIALS I	4.00
GEOL-314	EARTH MATERIALS II	4.00
PHYS-112 or PHYS-212	GENERAL PHYSICS II or PHYSICS FOR SCIENTISTS AND ENGINEERS II	4.00-5.00
<b>Credits</b>		<b>18.00-19.00</b>
<b>Third Year</b>		
<b>Fall</b>		
GEOL-450	EARTH SYSTEMS CAPSTONE	3.00
PHYS-205	DESCRIPTIVE ASTRONOMY	4.00
Program Requirement	Select GEOL or GIS course 200/300/400 Level	4.00
Program Requirement	Select GEOL course 300/400 level	4.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>80.00-84.00</b>

## Secondary Education Certificate Requirements

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ED-214	PRINCIPLES OF EDUCATION	3.00
ED-225	TECHNOLOGIES FOR TEACHING, K-12	3.00
ED-318	ASSESSMENT OF LEARNING	3.00
ED-321	EDUCATIONAL PSYCHOLOGY	3.00
ED-345	CULTURALLY RELEVANT TEACHING	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
ED-445	INSTRUCTIONAL STRATEGIES AND CLASSROOM MANAGEMENT, 6-12	3.00
ED-447	TEACHING METHODS IN THE CONTENT AREA	2.00
RE-309	DISCIPLINARY LITERACY	3.00
SE-322	INCLUSION STRATEGIES K-12	3.00
<b>Credits</b>		<b>11.00</b>
<b>Second Year</b>		
<b>Fall</b>		
ED-452	INTERNSHIP SEMINAR	1.00
ED-460	PROFESSIONAL INTERNSHIP IN EDUCATION 6-12	12.00
<b>Credits</b>		<b>13.00</b>
<b>Total Credits</b>		<b>39.00</b>

Graduates with a BA/BS in Earth Science: Secondary Education go on to obtain careers in a variety of fields:

- Secondary Earth Science Teacher (6-12)
- Adult and Continuing Education
- Research
- Lab/Field Work
- Training Specialist
- Business and Industry
- Instructional Coach

# Elementary Education BA/BS

Students enrolled in the Elementary Teacher Education program (grades K-8) will complete 78 credits of professional education courses, including a yearlong internship under the guidance of a faculty member and an on-site teacher educator in a local elementary or middle school. In accordance with state certification requirements, students will complete coursework for an "All Subjects K-8" endorsement, as well as a minor endorsement in a second teaching area. It is the student's responsibility to work closely with his/her advisor to ensure compliance with certification requirements.

Elementary Education students will have opportunities to learn about, evaluate, practice and refine a variety of teaching strategies based on best teaching practices as identified by professional organizations. It is our goal that students in Elementary Education will provide evidence through performance that they have met Idaho's requirements for certification and have become dedicated and knowledgeable professionals, content specialists, competent educational designers, capable educational facilitators, insightful educational evaluators, reflective professionals, and culturally responsive professionals before being recommended for elementary teacher certification.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
COMM-204	PUBLIC SPEAKING	3.00
<b>Mathematical Ways of Knowing</b>		
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	4.00
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Arts</b>		
ART-100	INTRODUCTION TO ART	
HUM-150	INTRODUCTION TO THE ARTS	
THEA-101	SURVEY OF THE THEATER	
<b>Language</b>		
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
<b>Scientific Ways of Knowing</b>		
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR	4.00
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS	4.00
<b>Social &amp; Behavioral Ways of Knowing</b>		
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	3.00
Select one of the following:		3.00
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
POLS-101	AMERICAN NATIONAL GOVERNMENT	
<b>Diversity</b>		
GEOG-102	INTRODUCTION TO GEOGRAPHY	3.00
<b>Integrative Seminar: Ethics &amp; Values</b>		
Select one of the following:		3.00

ID 300A - 300U (see course descriptions for options)

ID-301A HELLS CANYON INSTITUTE

**Foreign/Heritage Language**

Take 16 credits of language classes if a Bachelor of Arts degree is desired, else optional. 16.00

**Total Credits** 39.00-41.00

## Elementary Education Major

Code	Title	Credits
<b>Program Requirements</b>		
<b>Professional Foundations</b>		
ED-214	PRINCIPLES OF EDUCATION	3.00
ED-216	PHYSICAL EDUCATION FOR THE ELEMENTARY TEACHER	2.00
ED-224	Course ED-224 Not Found	2.00
HLTH-215	ELEMENTARY HEALTH SCIENCE/METHODS	3.00
MATH-157	MATHEMATICS FOR ELEMENTARY TEACHERS I	4.00
RE-217	CHILDREN'S LITERATURE AND STORYTELLING	3.00
<b>Phase II: Professional Studies</b> <sup>1, 2</sup>		
<b>Theoretical Foundations Semester (taken as a block)</b>		
ED-318	ASSESSMENT OF LEARNING	3.00
ED-321	EDUCATIONAL PSYCHOLOGY	3.00
ED-328	MATH METHODS K-8	3.00
RE-340	FOUNDATIONAL LITERACY	4.00
or SE-340	FOUNDATIONAL LITERACY	
SE-322	INCLUSION STRATEGIES K-12	3.00
<b>Instructional Design/Facilitation/Eval Strategies (taken as a block)</b>		
ED-345	CULTURALLY RELEVANT TEACHING	3.00
ED-424	MEDIA & TECHNOLOGIES FOR TEACHING, K-12	2.00
ED-425	INSTRUCTIONAL METHODS AND CLASSROOM MANAGEMENT, K-8	2.00
RE-342	INTERMEDIATE LITERACY	4.00
or SE-342	INTERMEDIATE LITERACY	
<b>Phase III: Professional Internship</b> <sup>3</sup>		
<b>Int in Instructional Design/Facilitation/Eval I (taken as a block)</b>		
ED-426	PROFESSIONAL INTERNSHIP IN EDUCATION K-8, I	14.00
ED-427	PROF SEMINAR: ISSUES IN EDUCATION I	1.00
SE-428	ADAPTIVE TEACHING I	1.00
<b>Int in Instructional Design/Facilitation/Eval II (taken as a block)</b>		
ED-429	PROFESSIONAL INTERNSHIP IN EDUCATION K-8, II	14.00
ED-430	PROF SEMINAR:ISSUES IN EDUCATION II	1.00
SE-431	ADAPTIVE TEACHING II	1.00
<b>Electives</b>		
Select 14 elective credits		14.00
<b>Total Credits</b>		<b>90.00</b>

<sup>1</sup> Application for admission into the Teacher Ed. Program is due the first day of the semester prior to beginning Phase II course work.<sup>2</sup> Registration into these courses requires prior admission to the Elementary Teacher Ed. Program.<sup>3</sup> Registration into these courses requires satisfactory completion of Phase II.

- No grade lower than a "C-" will be accepted in any required course.
- No grade lower than a "B-" will be accepted in any Phase II, III or Phase IV professional education course.
- A minimum cumulative GPA of 3.0 is required for admission into the Teacher Education Program.
- Additional requirements must be met for teacher certification. See your Education advisor for details.

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
COMM-204	PUBLIC SPEAKING	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
MATH-157	MATHEMATICS FOR ELEMENTARY TEACHERS I	4.00
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	3.00
Elective	Elective Credits	4.00
<b>Credits</b>		<b>17.00</b>
<b>Spring</b>		
ED-214	PRINCIPLES OF EDUCATION	3.00
ENGL-102	WRITING AND RHETORIC II	3.00
GEOG-102	INTRODUCTION TO GEOGRAPHY	3.00
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	4.00
Elective	Elective Credits	4.00
<b>Credits</b>		<b>17.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
ED-224	Course ED-224 Not Found	2.00
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS	4.00
Program Requirement	HIST-111, HIST-112 or POLS-101	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>18.00</b>
<b>Spring</b>		
CORE	Integrative Seminar: Ethics & Values	3.00
ED-216	PHYSICAL EDUCATION FOR THE ELEMENTARY TEACHER	2.00
HLTH-215	ELEMENTARY HEALTH SCIENCE/METHODS	3.00
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR	4.00
RE-217	CHILDREN'S LITERATURE AND STORYTELLING	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>18.00</b>
<b>Third Year</b>		
<b>Fall</b>		
ED-318	ASSESSMENT OF LEARNING	3.00
ED-321	EDUCATIONAL PSYCHOLOGY	3.00
ED-328	MATH METHODS K-8	3.00
RE-340 or SE-340	FOUNDATIONAL LITERACY or FOUNDATIONAL LITERACY	4.00
SE-322	INCLUSION STRATEGIES K-12	3.00
<b>Credits</b>		<b>16.00</b>
<b>Spring</b>		
ED-345	CULTURALLY RELEVANT TEACHING	3.00
ED-424	Course ED-424 Not Found	2.00
ED-425	INSTRUCTIONAL METHODS AND CLASSROOM MANAGEMENT, K-8	2.00
RE-342 or SE-342	INTERMEDIATE LITERACY or INTERMEDIATE LITERACY	4.00
<b>Credits</b>		<b>11.00</b>



**Fourth Year****Fall**

ED-426	PROFESSIONAL INTERNSHIP IN EDUCATION K-8, I	14.00
ED-427	PROF SEMINAR: ISSUES IN EDUCATION I	1.00
SE-428	ADAPTIVE TEACHING I	1.00
<b>Credits</b>		<b>16.00</b>

**Spring**

ED-429	PROFESSIONAL INTERNSHIP IN EDUCATION K-8, II	14.00
ED-430	PROF SEMINAR:ISSUES IN EDUCATION II	1.00
SE-431	ADAPTIVE TEACHING II	1.00
<b>Credits</b>		<b>16.00</b>
<b>Total Credits</b>		<b>129.00</b>

Graduates with a BA/BS in Elementary Education go on to obtain careers in a variety of fields:

- Elementary School Education (K-6)
- Middle School Education(6-8)
- Preschool/Daycare
- Special Education
- Teaching Assistant
- Reading Specialist
- Adult and Continuing Education
- Business and Industry
- Training Specialist
- Instructional Coach

## English: Secondary Education BA

The Teacher Education program prepares candidates for certification in grades K-12. The Secondary Education program requires 27 credits of Education course work in professional foundations and studies and 13 credits during internship. Students apply for admission to the program after successfully completing nine credits of Education course work in professional foundations. During the course of the studies, candidates may be asked to reapply to the program if their GPA falls below 3.0 in general course work and 3.0 in their selected content area(s) of endorsement such as biology, chemistry, communication arts, earth science, English, math, natural sciences, physical education/health, psychology, or social studies. There are separate degree requirements for each major and minor endorsement area.

Teaching endorsement areas are attached to a Standard Instructional Certificate (grades K-12), according to Idaho Teacher Certification standards. All endorsements require a minimum of 30 semester credits a major endorsement along with 20 semester credits for a minor endorsement, or a minimum of 45 semester credits for a single teaching field endorsement. The following LC State areas are approved for teaching field majors: Biology, Chemistry, Communication Arts, Earth Science, English; Kinesiology-Physical Education K-12 and Health 6-12; Mathematics; Natural Sciences; Psychology; and Social Science with a History emphasis (see degree requirements for each major). Teacher candidates must successfully pass the related Praxis II exam in their teaching content area(s).

For marketability purposes, students are encouraged to pursue endorsements and minors in a second teaching field; consult with an advisor for the proper procedure. Secondary Education majors must have a content area advisor and a Secondary Education advisor.

Graduates from other colleges or universities seeking secondary teacher certification must fulfill all Secondary Education professional course work requirements in addition to meeting all academic major or minor teaching field requirements for subject area endorsement.

Students in the Teacher Education Certification program are expected to provide evidence through performance that they have met Idaho's requirements for certification and become dedicated and knowledgeable professionals, content specialists, competent educational designers, capable educational facilitators, insightful educational evaluators, reflective professionals, and culturally responsive professionals before being recommended for teacher certification.

## Advising

Secondary Teacher Education candidates must have two advisors; one for their academic major and one for teacher certification.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
COMM-204	PUBLIC SPEAKING	3.00
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Arts</b>		
ART-100	INTRODUCTION TO ART	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES	
THEA-101	SURVEY OF THE THEATER	
<b>Language</b>		
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
<b>Scientific Ways of Knowing</b>		
Select one course from two disciplines; one lab		7.00-8.00
BIOF-100	INTRODUCTION TO BIOINFORMATICS	
BIOL-100	CONCEPTS OF BIOLOGY	
BIOL-120	PLANTS AND PEOPLE	
BIOL-123	BIOLOGY IN FILM	
BIOL-175	HUMAN BIOLOGY	

BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I
CHEM-100	CONCEPTS OF CHEMISTRY
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY
CHEM-111	PRINCIPLES OF CHEMISTRY I
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE
CS-108	INTRODUCTION TO COMPUTER SCIENCE
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOL-101	PHYSICAL GEOLOGY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
ID-240	INTEGRATED SCIENCE II
NS-140	INTEGRATED SCIENCE I
NS-150	INTRODUCTION TO NATURAL SCIENCES <sup>1</sup>
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR
PHYS-111	GENERAL PHYSICS I
or PHYS-112	GENERAL PHYSICS II
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS
PHYS-205	DESCRIPTIVE ASTRONOMY
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I

**Social & Behavioral Ways of Knowing**

PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	3.00
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Select one from the following: 3.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ECON-201	PRINCIPLES OF MACROECONOMICS
ECON-202	PRINCIPLES OF MICROECONOMICS
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS

**Diversity**

Select one of the following: 4.00

NP-101	NEZ PERCE LANGUAGE AND CULTURE
SPAN-101	ELEMENTARY SPANISH I

**Integrative Seminar: Ethics & Values**

Select one of the following: 3.00

ID 300A - 300Z (see course descriptions for options)	
ID-301A	HELLS CANYON INSTITUTE

**Foreign/Heritage Language**

Select courses in the chosen foreign/heritage language numbering 101, 102, 201 and 202

12.00

**Total Credits****50.00-55.00**

## Program Requirements

Secondary certification candidates must meet the graduation requirements for their major and the Secondary Teacher Education Program and must have two advisors. (see below)

Code	Title	Credits
<b>English Program - Lower Division Courses</b>		
ENGL-210	LITERARY ANALYSIS	3.00
ENGL-267	BRITISH LITERATURE I	3.00
ENGL-277	AMERICAN LITERATURE I	3.00
ENGL-268	BRITISH LITERATURE II	3.00
or ENGL-278	AMERICAN LITERATURE II	
<b>English Program - Upper Division Courses</b>		
ENGL-305	ADVANCED WRITING AND COMMUNICATION	3.00
ENGL-320	SHAKESPEARE	3.00
ENGL-386	TEACHING COMPOSITION	3.00
ENGL-431	HISTORY & STRUCTURE/ENGLISH LANGUAGE	3.00
ENGL-498	SENIOR PROJECT SEMINAR	2.00
ENGL-499	SENIOR PROJECT: ORAL DEFENSE AND PRESENTATION	1.00
<b>English Selectives</b>		
Select one of the following:		3.00
ENGL-209	CREATIVE WRITING:NON-FICTION	
ENGL-211	CREATIVE WRITING POETRY	
ENGL-212	CREATIVE WRITING:FICTION	
ENGL-309	CREATIVE WRITING:NON-FICTION	
ENGL-311	CREATIVE WRITING:POETRY	
ENGL-312	CREATIVE WRITING:FICTION	
ENGL-409	CREATIVE WRITING:NON-FICTION	
ENGL-411	CREATIVE WRITING:POETRY	
ENGL-412	CREATIVE WRITING:FICTION	
Select one of the following:		3.00
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-261	MYTHOLOGIES	
ENGL-381	TEACHING LITERATURE	
ENGL-385	JOURNAL & MANUSCRIPT EDITING	
Select three of the following:		9.00
ENGL-310	DEVELOPMENT OF THE NOVEL	
ENGL-326	MODERNISM	
ENGL-346	CONTEMPORARY LITERATURE	
ENGL-360	POETIC FORM	
ENGL-370	DRAMATIC LITERATURE	
ENGL-372	LITERARY THEORY	
ENGL-470	NINETEENTH CENTURY AMERICAN LITERATURE: ROMANTICISM AND REALISM	
ENGL-473	NATIVE AMERICAN ORAL LITERATURE	
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE	
ENGL-475	WESTERN AMERICAN LITERATURE	
ENGL-478	NINETEENTH-CENTURY BRITISH LITERATURE	
Select one of the following:		3.00
ENGL-433	STUDIES IN MEDIEVAL LITERATURE	
ENGL-450	CLASSICISM AND ROMANTICISM	

ENGL-451	RENAISSANCE LITERATURE	
ENGL-452	ANCIENT LITERATURE	
Select 3 credits from any 200, 300, or 400 ENGL level <sup>1</sup>		3.00
<b>Secondary Education Certificate</b>		
See Secondary Education Certificate Requirements below		
<b>Total Credits</b>		<b>48.00</b>

<sup>1</sup> See Catalog section "Teacher Education Division: Secondary Teacher Certification" regarding certification requirements for this major. Selective course choices could be affected.

## Secondary Education Certificate Requirements

Application for admission to the Teacher Education Program is required after successful completion of the first three Phase I courses.

Code	Title	Credits
<b>Phase I - Professional Foundations of Education</b>		
ED-214	PRINCIPLES OF EDUCATION <sup>1</sup>	3.00
ED-225	TECHNOLOGIES FOR TEACHING, K-12	3.00
ED-318	ASSESSMENT OF LEARNING <sup>1</sup>	3.00
ED-321	EDUCATIONAL PSYCHOLOGY <sup>1</sup>	3.00
ED-345	CULTURALLY RELEVANT TEACHING	3.00
SE-322	INCLUSION STRATEGIES K-12	3.00
<b>Phase II - Professional Studies in Education</b>		
ED-445	INSTRUCTIONAL STRATEGIES AND CLASSROOM MANAGEMENT, 6-12	3.00
ED-447	TEACHING METHODS IN THE CONTENT AREA	2.00
RE-309	DISCIPLINARY LITERACY	3.00
<b>Phase III - Instructional Methods in Education</b>		
ED-452	INTERNSHIP SEMINAR	1.00
ED-460	PROFESSIONAL INTERNSHIP IN EDUCATION 6-12	12.00
<b>Total Credits</b>		<b>39.00</b>

<sup>1</sup> Additional requirements must be met for teacher certification. See your Teacher Education Division advisor for details.

No grade lower than a "C-" will be accepted in any General Education core, Content Major, or 200-level Professional Foundations course. No grade lower than a "B-" will be accepted in any 300- or 400-level courses in Secondary Education.

A minimum cumulative GPA of 3.0 is required for admission into the Secondary Teacher Education Program. Candidates must also maintain a 3.0 cumulative GPA in their content area classes.

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
COMM-204	PUBLIC SPEAKING	3.00
CORE	Scientific Ways of Knowing	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
Program Requirement	Select ENGL Selective course	3.00
SPAN-101 or NP-101	ELEMENTARY SPANISH I or NEZ PERCE LANGUAGE AND CULTURE	4.00
<b>Credits</b>		<b>16.00</b>
<b>Spring</b>		
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
ENGL-102	WRITING AND RHETORIC II	3.00
Program Requirement	Select ENGL Selective course	3.00

SPAN-102 or NP-102	ELEMENTARY SPANISH II or NEZ PERCE LANGUAGE AND HISTORY	4.00
<b>Credits</b>		<b>16.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Mathematical Ways of Knowing	3.00-5.00
ENGL-267	BRITISH LITERATURE I	3.00
Program Requirement	Select ENGL Selective course	3.00
SPAN-201 or NP-201	INTERMEDIATE SPANISH I or INTERMEDIATE NEZ PERCE LANGUAGE I	4.00
<b>Credits</b>		<b>16.00-18.00</b>
<b>Spring</b>		
CORE	Integrative Seminar: Ethics & Values	3.00
CORE	Scientific Ways of Knowing	4.00
ENGL-210	LITERARY ANALYSIS	3.00
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	3.00
SPAN-202 or NP-202	INTERMEDIATE SPANISH II or INTERMEDIATE NEZ PERCE LANGUAGE II	4.00
<b>Credits</b>		<b>17.00</b>
<b>Third Year</b>		
<b>Fall</b>		
ENGL-320	SHAKESPEARE	3.00
ENGL-277	AMERICAN LITERATURE I	3.00
ENGL-305	ADVANCED WRITING AND COMMUNICATION	3.00
ENGL-498	SENIOR PROJECT SEMINAR	2.00
Program Requirement	Select ENGL Selective course	3.00
<b>Credits</b>		<b>14.00</b>
<b>Spring</b>		
ENGL-268 or ENGL-278	BRITISH LITERATURE II or AMERICAN LITERATURE II	3.00
ENGL-431	HISTORY & STRUCTURE/ENGLISH LANGUAGE	3.00
ENGL-499	SENIOR PROJECT: ORAL DEFENSE AND PRESENTATION	1.00
Program Requirement	Select ENGL Selective course	3.00
Program Requirement	Select ENGL course 200 level and above	3.00
<b>Credits</b>		<b>13.00</b>
<b>Fourth Year</b>		
<b>Fall</b>		
Program Requirement	Select ENGL Selective course	3.00
ENGL-386	TEACHING COMPOSITION	3.00
<b>Credits</b>		<b>6.00</b>
<b>Total Credits</b>		<b>98.00-100.00</b>

## Secondary Education Certificate Requirements

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ED-214	PRINCIPLES OF EDUCATION	3.00
ED-225	TECHNOLOGIES FOR TEACHING, K-12	3.00
ED-318	ASSESSMENT OF LEARNING	3.00
ED-321	EDUCATIONAL PSYCHOLOGY	3.00

ED-345	CULTURALLY RELEVANT TEACHING	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
ED-445	INSTRUCTIONAL STRATEGIES AND CLASSROOM MANAGEMENT, 6-12	3.00
ED-447	TEACHING METHODS IN THE CONTENT AREA	2.00
RE-309	DISCIPLINARY LITERACY	3.00
SE-322	INCLUSION STRATEGIES K-12	3.00
<b>Credits</b>		<b>11.00</b>
<b>Second Year</b>		
<b>Fall</b>		
ED-452	INTERNSHIP SEMINAR	1.00
ED-460	PROFESSIONAL INTERNSHIP IN EDUCATION 6-12	12.00
<b>Credits</b>		<b>13.00</b>
<b>Total Credits</b>		<b>39.00</b>

Graduates with a BA in English: Secondary Education go on to obtain careers in a variety of fields:

- Secondary Language Arts/English Teacher (6-12)
- Adult and Continuing Education
- Training Specialist
- Business and Industry
- Instructional Coach
- Media

## General Studies: Education BA/BS

The General Studies Education major introduces students to the following disciplines: education, literacy, and special education. Students select courses for a broad-based study in the overarching area of education. The major allows for flexibility in course selection and degree design.

Credits earned while completing the educational requirements for the Early Childhood Development AAS certificate (<http://catalog.lcsc.edu/professional-technical-programs/business-technology-service-division/associate-applied-science-degrees/early-childhood-development/>) through Business Technology & Service Division articulate directly into the LC State General Studies: Early Childhood Education degree option offered through the Teacher Education & Mathematics Division. Students should work with advisors from both divisions to ensure requirements from both programs are met.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	

MATH-253	STATISTICAL METHODS FOR THE SCIENCES
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II
MTHPT-130	FINITE MATHEMATICS
MTHPT-137	MATH FOR TECHNOLOGY
MTHPT-153	STATISTICAL REASONING

**Humanistic & Artistic Ways of Knowing**

Select one course from two categories: 6.00-8.00

**Literature**

ENGL-175	LITERATURE AND IDEAS
ENGL-257	WORLD CLASSICS
ENGL-258	INTERNATIONAL LITERATURE
ENGL-260	NATIVE AMERICAN LITERATURE
ENGL-261	MYTHOLOGIES

**Arts**

ART-100	INTRODUCTION TO ART
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE
HUM-150	INTRODUCTION TO THE ARTS
MUS-101	SURVEY OF MUSIC
MUS-102	MUSIC IN AMERICA
MUS-150	WORLD MUSIC
MUS-151	HISTORY OF MUSICAL THEATER
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES
THEA-101	SURVEY OF THE THEATER

**Language**

NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II

**Scientific Ways of Knowing**

Select one course from two disciplines; one lab 7.00-8.00

BIOF-100	INTRODUCTION TO BIOINFORMATICS
BIOL-100	CONCEPTS OF BIOLOGY
BIOL-120	PLANTS AND PEOPLE
BIOL-123	BIOLOGY IN FILM
BIOL-175	HUMAN BIOLOGY
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I
CHEM-100	CONCEPTS OF CHEMISTRY
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY
CHEM-111	PRINCIPLES OF CHEMISTRY I
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE
CS-108	INTRODUCTION TO COMPUTER SCIENCE
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOL-101	PHYSICAL GEOLOGY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
ID-240	INTEGRATED SCIENCE II
NS-140	INTEGRATED SCIENCE I
NS-150	INTRODUCTION TO NATURAL SCIENCES <sup>1</sup>
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR
PHYS-111	GENERAL PHYSICS I
or PHYS-112	GENERAL PHYSICS II
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS



PHYS-205	DESCRIPTIVE ASTRONOMY
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I

**Social & Behavioral Ways of Knowing**

Select one course from two disciplines: 6.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ECON-201	PRINCIPLES OF MACROECONOMICS
ECON-202	PRINCIPLES OF MICROECONOMICS
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS

**Diversity**

Select one of the following: 3.00-4.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ANTH-360	RACE AND ETHNICITY
COMM-345	INTERCULTURAL COMMUNICATION
ENGL-258	INTERNATIONAL LITERATURE
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
ID-300C	ETHICS AND IDENTITY
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
POLS-285	COMPARATIVE GOVERNMENT
SOC-101	INTRODUCTION TO SOCIOLOGY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
SS-184	DIVERSITY IN ORGANIZATIONS

**Integrative Seminar: Ethics & Values**

Select one of the following:	3.00
ID 300A - 300Z (see course descriptions for options)	
ID-301A HELLS CANYON INSTITUTE	
<b>Foreign/Heritage Language</b>	
Select 16 credits of language if selecting Bachelor of Arts Degree	16.00
<b>Total Credits</b>	<b>37.00-43.00</b>

## Program Requirements

Code	Title	Credits
<b>Major Courses</b>		
60 credits from these disciplines: ED; RE; SE		60.00
A minimum of 30 upper division credits in the Major area		
One course from each of the Division's disciplines		
Note: Major credits may not duplicate General Education courses. Excluded courses ED-414, ED-415, ED-429, ED-430, ED-452, ED-460, ED-461, SE-407, SE-428 SE-431, and SE-484		
Required Course:		
ED-214	PRINCIPLES OF EDUCATION	
or ED-310	PROFESSIONAL FOUNDATIONS OF EDUCATION	
Select 57 additional credits from these disciplines: ED; RE; SE		
<b>Electives</b>		
Select 23 elective credits from any discipline		23.00
<b>Total Credits</b>		<b>83.00</b>

## Program Requirements - Early Childhood Education

Code	Title	Credits
<b>Major Courses</b>		
62 credits from these disciplines: ECDPT; ED; RE; SE		62.00
A minimum of 42 credits from ECDPT		
A minimum of 30 upper division credits in the Major area		
One course from each of the Division's disciplines		
Note: Major credits may not duplicate General Education courses. Excluded courses ED-414, ED-415, ED-429, ED-430, ED-452, ED-460, ED-461, SE-407, SE-428 SE-431, and SE-484		
Required Course:		
ED-214	PRINCIPLES OF EDUCATION	3.00
RE-301	PSYCHOLINGUISTICS, LITERACY, AND LANGUAGE ACQUISITION	3.00
RE-340	FOUNDATIONAL LITERACY	4.00
<b>Electives</b>		
Select 11 elective credits from any discipline		11.00
<b>Total Credits</b>		<b>83.00</b>

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
CORE	Oral Communication	3.00
CORE	Scientific Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
ENGL-102	WRITING AND RHETORIC II	3.00

CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Mathematical Ways of Knowing	3.00
CORE	Diversity	3.00
ED	Education Course <sup>1</sup>	3.00
ED	Education Course <sup>1</sup>	3.00
ED	Education Course <sup>1</sup>	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
CORE	Scientific Ways of Knowing	4.00
CORE	Integrative Seminar: Ethics & Values	3.00
ED	Education Course <sup>1</sup>	3.00
ED	Education Course <sup>1</sup>	3.00
Elective	Elective Credits	2.00
<b>Credits</b>		<b>15.00</b>
<b>Third Year</b>		
<b>Fall</b>		
ED-214	PRINCIPLES OF EDUCATION	3.00
ED	Education Course <sup>1</sup>	3.00
ED	Education Course <sup>1</sup>	3.00
ED	ED 300/400 Level <sup>1</sup>	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
ED	Education Course <sup>1</sup>	3.00
ED	Education Course <sup>1</sup>	3.00
ED	Education Course <sup>1</sup>	3.00
ED	ED 300/400 Level <sup>1</sup>	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Fourth Year</b>		
<b>Fall</b>		
ED	ED 300/400 Level <sup>1</sup>	3.00
ED	ED 300/400 Level <sup>1</sup>	3.00
ED	ED 300/400 Level <sup>1</sup>	3.00
ED	ED 300/400 Level <sup>1</sup>	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
ED	ED 300/400 Level <sup>1</sup>	3.00
ED	ED 300/400 Level <sup>1</sup>	3.00
ED	ED 300/400 Level <sup>1</sup>	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>120.00</b>

<sup>1</sup> Education Course may come from the following disciplines: ED, RE or SE. Must take courses from each discipline. Major credits may not duplicate General Education courses. Excluded courses ED-414, ED-415, ED-429, ED-430, ED-452, ED-460, ED-461, SE-407, SE-428 SE-431, and SE-484

## Sequential Plan of Study - Early Childhood Education Emphasis

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
CORE	Oral Communication	3.00
CORE	Scientific Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
<b>Credits</b>		<b>12.00</b>
<b>Spring</b>		
ENGL-102	WRITING AND RHETORIC II	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Mathematical Ways of Knowing	3.00
CORE	Diversity	3.00
ECDPT	Education Course <sup>1</sup>	3.00
ECDPT	Education Course <sup>1</sup>	3.00
ECDPT	Education Course <sup>1</sup>	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
CORE	Scientific Ways of Knowing	4.00
CORE	Integrative Seminar: Ethics & Values	3.00
ECDPT	Education Course <sup>1</sup>	3.00
ECDPT	Education Course <sup>1</sup>	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>16.00</b>
<b>Third Year</b>		
<b>Fall</b>		
ED-214	PRINCIPLES OF EDUCATION	3.00
ECDPT	Education Course <sup>1</sup>	3.00
ECDPT	Education Course <sup>1</sup>	3.00
ECDPT	ED 300/400 Level <sup>1</sup>	3.00
RE-301	PSYCHOLINGUISTICS, LITERACY, AND LANGUAGE ACQUISITION	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
ECDPT	Education Course <sup>1</sup>	3.00
ECDPT	Education Course <sup>1</sup>	3.00
ECDPT	Education Course <sup>1</sup>	3.00
ECDPT	ECDPT 300/400 Level <sup>1</sup>	3.00
RE-340	FOUNDATIONAL LITERACY	4.00
<b>Credits</b>		<b>16.00</b>

**Fourth Year****Fall**

ECDPT	ECDPT 300/400 Level <sup>1</sup>	3.00
ECDPT	ECDPT 300/400 Level <sup>1</sup>	3.00
ECDPT	ECDPT 300/400 Level <sup>1</sup>	3.00
ECDPT	ECDPT 300/400 Level <sup>1</sup>	3.00
ECDPT	ECDPT 300/400 Level	3.00
<b>Credits</b>		<b>15.00</b>

**Spring**

ECDPT	ECDPT 300/400 Level <sup>1</sup>	3.00
ECDPT	ECDPT 300/400 Level <sup>1</sup>	3.00
ECDPT	ECDPT 300/400 Level <sup>1</sup>	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>119.00</b>

<sup>1</sup> Early Childhood Education Course may come from the following disciplines: ECDPT, ED, RE or SE. Take a minimum 42 credits from ECDPT. Must take courses from each discipline.

Major credits may not duplicate General Education courses. Excluded courses ED-414, ED-415, ED-429, ED-430, ED-452, ED-460, ED-461, SE-407, SE-428 SE-431, and SE-484

The BA/BS in General Studies: Education prepares students for a wide variety of opportunities including professional employment and graduate school.

## General Studies: Natural Science & Mathematics BA/BS

The General Studies: Natural Sciences & Mathematics program allows a student to develop their own course of study from the different disciplines within the Division of Natural Sciences & Mathematics. Students work with their advisor to tailor the classes in their degree to match personal and professional goals. This degree option serves students that need a custom program in preparation for further graduate studies or pre-professional coursework.

This degree option is not compatible with plans for future teacher certification. Students interested in teacher certification should instead consider the Natural Science – with Secondary Certification program.

Program Learning Outcomes:

Students who complete this program will meet 75% of the outcomes associated with the program with which their curriculum is most closely aligned.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	

MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY
MATH-153	STATISTICAL REASONING
MATH-170	CALCULUS I
MATH-253	STATISTICAL METHODS FOR THE SCIENCES
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II
MTHPT-130	FINITE MATHEMATICS
MTHPT-137	MATH FOR TECHNOLOGY
MTHPT-153	STATISTICAL REASONING

**Humanistic & Artistic Ways of Knowing**

Select one course from two categories: 6.00-8.00

**Literature**

ENGL-175	LITERATURE AND IDEAS
ENGL-257	WORLD CLASSICS
ENGL-258	INTERNATIONAL LITERATURE
ENGL-260	NATIVE AMERICAN LITERATURE
ENGL-261	MYTHOLOGIES

**Arts**

ART-100	INTRODUCTION TO ART
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE
HUM-150	INTRODUCTION TO THE ARTS
MUS-101	SURVEY OF MUSIC
MUS-102	MUSIC IN AMERICA
MUS-150	WORLD MUSIC
MUS-151	HISTORY OF MUSICAL THEATER
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES
THEA-101	SURVEY OF THE THEATER

**Language**

NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II

**Scientific Ways of Knowing**

Select one course from two disciplines; one lab 7.00-8.00

BIOF-100	INTRODUCTION TO BIOINFORMATICS
BIOL-100	CONCEPTS OF BIOLOGY
BIOL-120	PLANTS AND PEOPLE
BIOL-123	BIOLOGY IN FILM
BIOL-175	HUMAN BIOLOGY
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I
CHEM-100	CONCEPTS OF CHEMISTRY
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY
CHEM-111	PRINCIPLES OF CHEMISTRY I
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE
CS-108	INTRODUCTION TO COMPUTER SCIENCE
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOL-101	PHYSICAL GEOLOGY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
ID-240	INTEGRATED SCIENCE II
NS-140	INTEGRATED SCIENCE I
NS-150	INTRODUCTION TO NATURAL SCIENCES <sup>1</sup>
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR

PHYS-111	GENERAL PHYSICS I
or PHYS-112	GENERAL PHYSICS II
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS
PHYS-205	DESCRIPTIVE ASTRONOMY
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I
<b>Social &amp; Behavioral Ways of Knowing</b>	
Select one course from two disciplines:	6.00
ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ECON-201	PRINCIPLES OF MACROECONOMICS
ECON-202	PRINCIPLES OF MICROECONOMICS
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS
<b>Diversity</b>	
Select one of the following:	3.00-4.00
ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ANTH-360	RACE AND ETHNICITY
COMM-345	INTERCULTURAL COMMUNICATION
ENGL-258	INTERNATIONAL LITERATURE
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
ID-300C	ETHICS AND IDENTITY
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
POLS-285	COMPARATIVE GOVERNMENT
SOC-101	INTRODUCTION TO SOCIOLOGY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I

SPAN-202	INTERMEDIATE SPANISH II	
SS-184	DIVERSITY IN ORGANIZATIONS	
<b>Integrative Seminar: Ethics &amp; Values</b>		
Select one of the following:		3.00
ID 300A - 300Z (see course descriptions for options)		
ID-301A	HELLS CANYON INSTITUTE	
<b>Foreign/Heritage Language</b>		
Select 16 credits of language if selecting Bachelor of Arts Degree		16.00
<b>Total Credits</b>		<b>37.00-43.00</b>

## Program Requirements

Code	Title	Credits
<b>Major Courses</b>		
Select 60 credits from these disciplines: BIOL; CHEM; CS; ENGR; GEOL; GIS; MATH; PHYS		60.00
A minimum of 30 upper division credits in the Major area		
One course from at least 4 of the Division's disciplines		
Note: Major credits may not duplicate General Education courses		
<b>Electives</b>		
Select 31 elective credits		31.00
<b>Total Credits</b>		<b>91.00</b>

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
CORE	Oral Communication	3.00
CORE	Scientific Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
Elective	Elective Credits	4.00
<b>Credits</b>		<b>16.00</b>
<b>Spring</b>		
ENGL-102	WRITING AND RHETORIC II	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
Elective	Elective Credits	4.00
<b>Credits</b>		<b>16.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Mathematical Ways of Knowing	3.00
CORE	Diversity	3.00
NS	Natural Science Course <sup>1</sup>	3.00
NS	Natural Science Course <sup>1</sup>	3.00
NS	Natural Science Course <sup>1</sup>	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
CORE	Scientific Ways of Knowing	4.00
CORE	Integrative Seminar: Ethics & Values	3.00
NS	Natural Science Course <sup>1</sup>	3.00
NS	Natural Science Course <sup>1</sup>	3.00



Elective	Elective Credits	3.00
<b>Credits</b>		<b>16.00</b>
<b>Third Year</b>		
<b>Fall</b>		
NS	Natural Science Course <sup>1</sup>	3.00
NS	Natural Science Course <sup>1</sup>	3.00
NS	Natural Science Course 300/400 Level <sup>1</sup>	3.00
NS	Natural Science Course 300/400 Level <sup>1</sup>	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>18.00</b>
<b>Spring</b>		
NS	Natural Science Course <sup>1</sup>	3.00
NS	Natural Science Course <sup>1</sup>	3.00
NS	Natural Science Course <sup>1</sup>	3.00
NS	Natural Science Course 300/400 Level <sup>1</sup>	3.00
Elective	Elective Credits	4.00
<b>Credits</b>		<b>16.00</b>
<b>Fourth Year</b>		
<b>Fall</b>		
NS	Natural Science Course 300/400 Level <sup>1</sup>	3.00
NS	Natural Science Course 300/400 Level <sup>1</sup>	3.00
NS	Natural Science Course 300/400 Level <sup>1</sup>	3.00
NS	Natural Science Course 300/400 Level <sup>1</sup>	3.00
Elective	Elective Credits	4.00
<b>Credits</b>		<b>16.00</b>
<b>Spring</b>		
NS	Natural Science Course 300/400 Level <sup>1</sup>	3.00
NS	Natural Science Course 300/400 Level <sup>1</sup>	3.00
NS	Natural Science Course 300/400 Level <sup>1</sup>	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>128.00</b>

The BA/BS in General Studies: Natural Science & Mathematics prepares students for a wide variety of opportunities including professional employment and graduate school.

## Kinesiology: Secondary Education BA/BS

The Teacher Education program prepares candidates for certification in grades K-12. The Secondary Education program requires 27 credits of Education course work in professional foundations and studies and 13 credits during internship. Students apply for admission to the program after successfully completing nine credits of Education course work in professional foundations. During the course of the studies, candidates may be asked to reapply to the program if their GPA falls below 3.0.

Teaching endorsement areas are attached to a Standard Instructional Certificate (grades K-12), according to Idaho Teacher Certification standards. All endorsements require a minimum of 45 semester credits, with the exception of dual endorsements where 30 semester for a major endorsement and 20 semester credits for a minor endorsement is required. The following LC State areas are approved for teaching field majors: Biology, Chemistry, Communication Arts, Earth Science, English; Kinesiology-Physical Education K-12 and Health 6-12; Mathematics; Natural Sciences; Psychology; and Social Science with a History emphasis (see degree requirements for each major). Teacher candidates must successfully pass the related Praxis II exam in their teaching content area(s).

For marketability purposes, students are encouraged to pursue endorsements and minors in a second teaching field; consult with an advisor for the proper procedure. Secondary Education majors must have a content area advisor and a Secondary Education advisor.

Graduates from other colleges or universities seeking secondary teacher certification must fulfill all Secondary Education professional course work requirements in addition to meeting all academic major or minor teaching field requirements for subject area endorsement.

Students in the Teacher Education Certification program are expected to provide evidence through performance that they have met Idaho's requirements for certification and become dedicated and knowledgeable professionals, content specialists, competent educational designers, capable educational facilitators, insightful educational evaluators, reflective professionals, and culturally responsive professionals before being recommended for teacher certification.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
COMM-204	PUBLIC SPEAKING	3.00
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Arts</b>		
ART-100	INTRODUCTION TO ART	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES	
THEA-101	SURVEY OF THE THEATER	
<b>Language</b>		
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	

**Scientific Ways of Knowing**

Select one of the following: 4.00

BIOL-175 HUMAN BIOLOGY

BIOL-227 HUMAN ANATOMY AND PHYSIOLOGY I

Select one of the following: 3.00-4.00

CHEM-100 CONCEPTS OF CHEMISTRY

CHEM-105 GENERAL, ORGANIC AND BIOCHEMISTRY

CHEM-111 PRINCIPLES OF CHEMISTRY I

CITPT-108 INTRODUCTION TO COMPUTER SCIENCE

CS-108 INTRODUCTION TO COMPUTER SCIENCE

FSCI-101 INTRODUCTION TO FORENSIC SCIENCE

GEOL-101 PHYSICAL GEOLOGY

GEOL-120 INTRODUCTION TO EARTH SYSTEMS

GIS-271 GEOGRAPHIC INFORMATION SYSTEMS

ID-240 INTEGRATED SCIENCE II

NS-140 INTEGRATED SCIENCE I

NS-150 INTRODUCTION TO NATURAL SCIENCES

NS-174 NATURAL SCIENCE FOR ELEMENTARY EDUCATOR

PHYS-111 GENERAL PHYSICS I

or PHYS-112 GENERAL PHYSICS II

PHYS-171 PHYS SCIENCES FOR ELEMENTARY EDUCATORS

PHYS-205 DESCRIPTIVE ASTRONOMY

PHYS-211 PHYSICS FOR SCIENTISTS AND ENGINEERS I

**Social & Behavioral Ways of Knowing**

PSYC-205 LIFESPAN DEVELOPMENTAL PSYCHOLOGY 3.00

Select one of the following: 3.00

ANTH-102 CULTURAL ANTHROPOLOGY

ANTH-120 WORLD PREHISTORY

ANTH-170 INTRODUCTION TO NATIVE AMERICAN STUDIES

ECON-201 PRINCIPLES OF MACROECONOMICS

ECON-202 PRINCIPLES OF MICROECONOMICS

GEOG-102 INTRODUCTION TO GEOGRAPHY

HIST-101 WORLD HISTORY I

HIST-102 WORLD HISTORY II

HIST-111 UNITED STATES HISTORY I

HIST-112 UNITED STATES HISTORY II

HRPT-184 DIVERSITY IN ORGANIZATIONS

HRPT-185 HUMAN RELATIONS IN ORGANIZATIONS

POLS-101 AMERICAN NATIONAL GOVERNMENT

POLS-237 INTERNATIONAL POLITICS

POLS-285 COMPARATIVE GOVERNMENT

SOC-101 INTRODUCTION TO SOCIOLOGY

SOC-102 SOCIAL PROBLEMS

SS-184 DIVERSITY IN ORGANIZATIONS

SS-185 HUMAN RELATIONS IN ORGANIZATIONS

**Diversity**

Select one of the following: 3.00-4.00

ANTH-102 CULTURAL ANTHROPOLOGY

ANTH-120 WORLD PREHISTORY

ANTH-170 INTRODUCTION TO NATIVE AMERICAN STUDIES

ANTH-360 RACE AND ETHNICITY

COMM-345 INTERCULTURAL COMMUNICATION

ENGL-258	INTERNATIONAL LITERATURE	
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
ID-300C	ETHICS AND IDENTITY	
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
POLS-285	COMPARATIVE GOVERNMENT	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
SPAN-201	INTERMEDIATE SPANISH I	
SPAN-202	INTERMEDIATE SPANISH II	
SS-184	DIVERSITY IN ORGANIZATIONS	
<b>Integrative Seminar: Ethics &amp; Values</b>		
Select one of the following:		3.00
ID 300A - 300Z (see course descriptions for options)		
ID-301A	HELLS CANYON INSTITUTE	
<b>Foreign/Heritage Language</b>		
Select 16 credits of language if selecting Bachelor of Arts Degree		16.00
<b>Total Credits</b>		<b>37.00-43.00</b>

## Program Requirements

Secondary certification candidates must meet the graduation requirements for their major and the Secondary Teacher Education Program and must have two advisors. (see below)

Code	Title	Credits
<b>Kinesiology Program</b>		
KIN/ED-216	PHYSICAL EDUCATION FOR THE ELEMENTARY TEACHER	2.00
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS	3.00
KIN-248	SPORTS MEDICINE	3.00
KIN-260	INTRODUCTION TO KINESIOLOGY AND HEALTH	1.00
KIN-261	SKILL AND ANALYSIS: COURT SPORTS	1.00
KIN-262	SKILL AND ANALYSIS: FIELD SPORTS	1.00
KIN-267	SKILL/ANALYSIS: STRENGTH DEVELOPMENT	1.00
KIN-269	SKILL AND ANALYSIS: EDUCATIONAL GYM&MOV	1.00
KIN-355	STRATEGIES FOR TEACHING PHYSICAL ACTIVITIES	3.00
KIN-362	BIOMECHANICS	3.00
KIN-363	PHYSIOLOGY OF EXERCISE	3.00
KIN-370	MOTOR LEARNING/MOTOR DEVELOPMENT	3.00
KIN-381	TESTS AND MEASUREMENTS IN PHYSICAL EDUCATION	3.00
KIN-467	PHYSICAL ACTIVITY AND RECREATION FOR INDIVIDUALS WITH SPECIAL NEEDS	3.00
KIN-472	OUTDOOR EDUCATION	3.00
KIN-486	ORGANIZATION AND ADMINISTRATION OF HEALTH, PHYSICAL EDUCATION, RECREATION, ATHLETICS	3.00
HLTH-245	DEATH AND DYING <sup>1</sup>	1.00
HLTH-246	HUMAN SEXUALITY <sup>1</sup>	1.00
HLTH-247	STRESS MANAGEMENT <sup>1</sup>	1.00
HLTH-253	NUTRITION	3.00

HLTH-272	FITNESS AND WELLNESS <sup>1</sup>	3.00
HLTH-342	COMMUNITY HEALTH <sup>1</sup>	3.00
HLTH-354	ADDICTION AND PERFORMANCE <sup>1</sup>	2.00

**Secondary Education Certificate**

See Secondary Education Certificate Requirements below

**Total Credits** 51.00

<sup>1</sup> See Catalog section "Teacher Education Division: Secondary Teacher Certification" regarding certification requirements for this major. Specific health courses required for Health 6-12 endorsement. Selective course choices could be affected.

## Secondary Education Certificate Requirements

Application for admission to the Teacher Education Program is required after successful completion of the first three Phase I courses.

Code	Title	Credits
<b>Phase I - Professional Foundations of Education</b>		
ED-214	PRINCIPLES OF EDUCATION <sup>1</sup>	3.00
ED-225	TECHNOLOGIES FOR TEACHING, K-12	3.00
ED-318	ASSESSMENT OF LEARNING <sup>1</sup>	3.00
ED-321	EDUCATIONAL PSYCHOLOGY <sup>1</sup>	3.00
ED-345	CULTURALLY RELEVANT TEACHING	3.00
SE-322	INCLUSION STRATEGIES K-12	3.00
<b>Phase II - Professional Studies in Education</b>		
ED-445	INSTRUCTIONAL STRATEGIES AND CLASSROOM MANAGEMENT, 6-12	3.00
ED-447	TEACHING METHODS IN THE CONTENT AREA	2.00
RE-309	DISCIPLINARY LITERACY	3.00
<b>Phase III - Instructional Methods in Education</b>		
ED-452	INTERNSHIP SEMINAR	1.00
ED-461	PROFESSIONAL INTERNSHIP IN EDUCATION K-12	3.00-12.00
<b>Total Credits</b>		<b>30.00-39.00</b>

<sup>1</sup> Additional Content Methods course required for Health endorsement. See advisor for assistance.

No grade lower than a "C-" will be accepted in any General Education core, Content Major, or 200-level Professional Foundations course. No grade lower than a "B-" will be accepted in any 300- or 400-level courses in Secondary Education.

A minimum cumulative GPA of 3.0 is required for admission into the Secondary Teacher Education Program. Candidates must also maintain a 3.0 cumulative GPA in their content area classes.

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
CORE	Mathematical Ways of Knowing	3.00-5.00
COMM-204	PUBLIC SPEAKING	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
HLTH-247	STRESS MANAGEMENT	1.00
HLTH/KIN-272	FITNESS AND WELLNESS	3.00
KIN-260	INTRODUCTION TO KINESIOLOGY AND HEALTH	1.00
KIN-262	SKILL AND ANALYSIS: FIELD SPORTS	1.00
KIN-269	SKILL AND ANALYSIS: EDUCATIONAL GYM&MOV	1.00
	<b>Credits</b>	<b>16.00-18.00</b>
<b>Spring</b>		
CORE	Scientific Ways of Knowing	3.00

ENGL-102	WRITING AND RHETORIC II	3.00
KIN-216	PHYSICAL EDUCATION FOR THE ELEMENTARY TEACHER	2.00
KIN-267	SKILL/ANALYSIS: STRENGTH DEVELOPMENT	1.00
KIN-261	SKILL AND ANALYSIS: COURT SPORTS	1.00
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	3.00
<b>Credits</b>		<b>13.00</b>
<b>Second Year</b>		
<b>Fall</b>		
BIOL-175 or BIOL-227	HUMAN BIOLOGY or HUMAN ANATOMY AND PHYSIOLOGY I	4.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
KIN-370	MOTOR LEARNING/MOTOR DEVELOPMENT	3.00
KIN-472	OUTDOOR EDUCATION	3.00
<b>Credits</b>		<b>16.00</b>
<b>Spring</b>		
CORE	Diversity	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
HLTH-245	DEATH AND DYING	1.00
HLTH-246	HUMAN SEXUALITY	1.00
HLTH-354	ADDICTION AND PERFORMANCE	2.00
KIN-352	YOUTH SPORTS AND RECREATION	3.00
<b>Credits</b>		<b>13.00</b>
<b>Third Year</b>		
<b>Fall</b>		
HLTH-253	NUTRITION	3.00
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS	3.00
KIN-248	SPORTS MEDICINE	3.00
KIN-362	BIOMECHANICS	3.00
KIN-381	TESTS AND MEASUREMENTS IN PHYSICAL EDUCATION	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
CORE	Integrative Seminar: Ethics & Values	3.00
HLTH-342	COMMUNITY HEALTH	3.00
KIN-363	PHYSIOLOGY OF EXERCISE	3.00
KIN-467	PHYSICAL ACTIVITY AND RECREATION FOR INDIVIDUALS WITH SPECIAL NEEDS	3.00
KIN-486	ORGANIZATION AND ADMINISTRATION OF HEALTH, PHYSICAL EDUCATION, RECREATION, ATHLETICS	3.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>88.00-90.00</b>

## Secondary Education Certificate Requirements

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ED-214	PRINCIPLES OF EDUCATION	3.00
ED-225	TECHNOLOGIES FOR TEACHING, K-12	3.00
ED-318	ASSESSMENT OF LEARNING	3.00
ED-321	EDUCATIONAL PSYCHOLOGY	3.00
ED-345	CULTURALLY RELEVANT TEACHING	3.00
<b>Credits</b>		<b>15.00</b>

**Spring**

ED-445	INSTRUCTIONAL STRATEGIES AND CLASSROOM MANAGEMENT, 6-12	3.00
ED-447	TEACHING METHODS IN THE CONTENT AREA	2.00
RE-309	DISCIPLINARY LITERACY	3.00
SE-322	INCLUSION STRATEGIES K-12	3.00
<b>Credits</b>		<b>11.00</b>

**Second Year****Fall**

ED-452	INTERNSHIP SEMINAR	1.00
ED-460	PROFESSIONAL INTERNSHIP IN EDUCATION 6-12	12.00
<b>Credits</b>		<b>13.00</b>
<b>Total Credits</b>		<b>39.00</b>

Graduates with a BA/BS in Kinesiology: Secondary Education go on to obtain careers in a variety of fields:

- Physical Education Teacher
- Health Teacher
- Adult and Continuing Education
- Training Specialist
- Business and Industry
- Instructional Coach
- Health/Wellness Coach
- Athletic Coach

## Liberal Arts - Natural Science & Mathematics AA

The Associate of Arts Liberal Arts with an emphasis in Natural Sciences and Mathematics requires completion of 64 credits which must include the General Education Core plus 18 ± 24 credits in Science and/or Mathematics courses taken from subjects in the Physical, Life, Movement and Sport Sciences Division. This degree provides a solid liberal arts foundation accompanied by strong preparation in Science and Math. Completion of this degree prepares students to continue in multiple science baccalaureate programs as well as programs in health sciences.

### General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	

MTHPT-137 MATH FOR TECHNOLOGY

MTHPT-153 STATISTICAL REASONING

**Humanistic & Artistic Ways of Knowing**

Select one course from two categories:

6.00-8.00

**Literature**

ENGL-175 LITERATURE AND IDEAS

ENGL-257 WORLD CLASSICS

ENGL-258 INTERNATIONAL LITERATURE

ENGL-260 NATIVE AMERICAN LITERATURE

ENGL-261 MYTHOLOGIES

**Arts**

ART-100 INTRODUCTION TO ART

HUM-101 THE ART AND HISTORY OF THE MOTION PICTURE

HUM-150 INTRODUCTION TO THE ARTS

MUS-101 SURVEY OF MUSIC

MUS-102 MUSIC IN AMERICA

MUS-150 WORLD MUSIC

MUS-151 HISTORY OF MUSICAL THEATER

MUS-152 HISTORY OF JAZZ AND POPULAR MUSIC STYLES

THEA-101 SURVEY OF THE THEATER

**Language**

NP-101 NEZ PERCE LANGUAGE AND CULTURE

NP-102 NEZ PERCE LANGUAGE AND HISTORY

SPAN-101 ELEMENTARY SPANISH I

SPAN-102 ELEMENTARY SPANISH II

**Scientific Ways of Knowing**

Select one course from two disciplines; one lab

7.00-8.00

BIOF-100 INTRODUCTION TO BIOINFORMATICS

BIOL-100 CONCEPTS OF BIOLOGY

BIOL-120 PLANTS AND PEOPLE

BIOL-123 BIOLOGY IN FILM

BIOL-175 HUMAN BIOLOGY

BIOL-227 HUMAN ANATOMY AND PHYSIOLOGY I

CHEM-100 CONCEPTS OF CHEMISTRY

CHEM-105 GENERAL, ORGANIC AND BIOCHEMISTRY

CHEM-111 PRINCIPLES OF CHEMISTRY I

CITPT-108 INTRODUCTION TO COMPUTER SCIENCE

CS-108 INTRODUCTION TO COMPUTER SCIENCE

FSCI-101 INTRODUCTION TO FORENSIC SCIENCE

GEOL-101 PHYSICAL GEOLOGY

GEOL-120 INTRODUCTION TO EARTH SYSTEMS

GIS-271 GEOGRAPHIC INFORMATION SYSTEMS

ID-240 INTEGRATED SCIENCE II

NS-140 INTEGRATED SCIENCE I

NS-150 INTRODUCTION TO NATURAL SCIENCES <sup>1</sup>

NS-174 NATURAL SCIENCE FOR ELEMENTARY EDUCATOR

PHYS-111 GENERAL PHYSICS I

or PHYS-112 GENERAL PHYSICS II

PHYS-171 PHYS SCIENCES FOR ELEMENTARY EDUCATORS

PHYS-205 DESCRIPTIVE ASTRONOMY

PHYS-211 PHYSICS FOR SCIENTISTS AND ENGINEERS I

**Social & Behavioral Ways of Knowing**



Select one course from two disciplines: 6.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ECON-201	PRINCIPLES OF MACROECONOMICS
ECON-202	PRINCIPLES OF MICROECONOMICS
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS

#### Diversity

Select one of the following: 3.00-4.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ANTH-360	RACE AND ETHNICITY
COMM-345	INTERCULTURAL COMMUNICATION
ENGL-258	INTERNATIONAL LITERATURE
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
ID-300C	ETHICS AND IDENTITY
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
POLS-285	COMPARATIVE GOVERNMENT
SOC-101	INTRODUCTION TO SOCIOLOGY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
SS-184	DIVERSITY IN ORGANIZATIONS

#### Integrative Seminar: Ethics & Values

Select one of the following: 3.00

ID 300A - 300Z (see course descriptions for options)
ID-301A HELLS CANYON INSTITUTE

**Foreign/Heritage Language**

Select 16 credits of language if selecting Bachelor of Arts Degree	16.00
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<b>Total Credits</b>	<b>37.00-43.00</b>
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## Major Courses

Code	Title	Credits
<b>Natural Science Emphasis Requirements</b>		
Select six courses from one or more of the following disciplines: BIOL, CHEM, CS, ENGR, GEOL, GIS, MATH, PHYS		23.00
<b>Total Credits</b>		<b>23.00</b>

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
CORE	Oral Communication	3.00
CORE	Scientific Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
Elective	Elective Credits	2.00
<b>Credits</b>		<b>14.00</b>
<b>Spring</b>		
ENGL-102	WRITING AND RHETORIC II	3.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Scientific Ways of Knowing	4.00
CORE	Social & Behavioral Ways of Knowing	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>16.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Mathematical Ways of Knowing	3.00
CORE	Diversity	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Integrative Seminar: Ethics & Values	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>60.00</b>

Graduates with an AA in Liberal Arts: Natural Science go on to obtain careers in a variety of fields:

- Wildlife and land management
- Not-for-Profit agencies
- Research Assistant

# Mathematics BA/BS

The Mathematics major is characterized by a balance between theory and application, beginning in the pre-calculus sequence and continuing through to upper division courses. Appropriate technology is integrated at all levels of the curriculum. At the end of the program students are prepared to enter graduate school or business and industry. Students may also complete courses required for secondary teaching certification.

Upon completion of this program, students will be well-prepared to:

- Demonstrate the ability to create, formulate, understand, and communicate mathematical conjectures, arguments and proofs;
- Demonstrate the ability to apply precise and logical reasoning to construct multi-step strategies to solve mathematical problems and effectively communicate those solutions;
- Demonstrate the ability to clearly communicate mathematical ideas verbally and in writing; and
- Demonstrate the ability to use numerical and symbolic mathematical software to aid in problem-solving and investigation as well as understand the limitations of such software.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-170	CALCULUS I	
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Arts</b>		
ART-100	INTRODUCTION TO ART	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	
THEA-101	SURVEY OF THE THEATER	
<b>Language</b>		
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	

**Scientific Ways of Knowing**

PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I	5.00
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Select one of the following:		3.00-4.00
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BIOF-100	INTRODUCTION TO BIOINFORMATICS	
BIOL-100	CONCEPTS OF BIOLOGY	
BIOL-120	PLANTS AND PEOPLE	
BIOL-123	BIOLOGY IN FILM	
BIOL-175	HUMAN BIOLOGY	
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	
CHEM-100	CONCEPTS OF CHEMISTRY	
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	
CHEM-111	PRINCIPLES OF CHEMISTRY I	
CS-108	INTRODUCTION TO COMPUTER SCIENCE	
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE	
GEOL-101	PHYSICAL GEOLOGY	
GEOL-120	INTRODUCTION TO EARTH SYSTEMS	
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS	
ID-240	INTEGRATED SCIENCE II	
NS-140	INTEGRATED SCIENCE I	
NS-150	INTRODUCTION TO NATURAL SCIENCES <sup>1</sup>	
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR	
PHYS-111	GENERAL PHYSICS I	
or PHYS-112	GENERAL PHYSICS II	
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS	
PHYS-205	DESCRIPTIVE ASTRONOMY	

**Social & Behavioral Ways of Knowing**

Select one course from two disciplines:		6.00
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ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	
POLS-101	AMERICAN NATIONAL GOVERNMENT	
POLS-237	INTERNATIONAL POLITICS	
POLS-285	COMPARATIVE GOVERNMENT	
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SOC-102	SOCIAL PROBLEMS	
SS-184	DIVERSITY IN ORGANIZATIONS	
SS-185	HUMAN RELATIONS IN ORGANIZATIONS	

**Diversity**

Select one of the following:		3.00-4.00
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ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	

ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ANTH-360	RACE AND ETHNICITY
COMM-345	INTERCULTURAL COMMUNICATION
ENGL-258	INTERNATIONAL LITERATURE
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
ID-300C	ETHICS AND IDENTITY
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
POLS-285	COMPARATIVE GOVERNMENT
SOC-101	INTRODUCTION TO SOCIOLOGY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
SS-184	DIVERSITY IN ORGANIZATIONS

**Integrative Seminar: Ethics & Values**

Select one of the following: 3.00

ID 300A - 300Z (see course descriptions for options)

ID-301A HELLS CANYON INSTITUTE

**Foreign/Heritage Language**

Select 16 credits of language if selecting Bachelor of Arts Degree 16.00

**Total Credits** 38.00-44.00

## Program Requirements

Code	Title	Credits
<b>Major Courses</b>		
CS-111	FOUNDATIONS OF PROGRAMMING	4.00
MATH-170	CALCULUS I (Required if not taken as core)	
MATH-175	CALCULUS II	4.00
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	3.00
MATH-275	CALCULUS III	4.00
MATH-300	INTRODUCTION TO MATHEMATICAL REASONING	3.00
MATH-320	PROBABILITY AND STATISTICS	3.00
MATH-340	LINEAR ALGEBRA	3.00
MATH-460	ABSTRACT ALGEBRA I	3.00
MATH-480	REAL ANALYSIS I	3.00
PHYS-212	PHYSICS FOR SCIENTISTS AND ENGINEERS II	5.00
<b>Electives</b>		
Select 9 credits numbered 200 or above		9.00
Select 4 credits of 300/400 level from the following course prefixes: BIO, BIOF, CHEM, CS, CYB, GIS, MATH, NS, or PHYS.		4.00
Select 34 elective credits		34.00
<b>Total Credits</b>		<b>82.00</b>

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	MATH-143, MATH-147 or MATH-170	3.00-5.00
CORE	Oral Communication	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
<b>Credits</b>		<b>15.00-17.00</b>
<b>Spring</b>		
CORE	Humanistic & Artistic Ways of Knowing	3.00
ENGL-102	WRITING AND RHETORIC II	3.00
MATH-175	CALCULUS II	4.00
Program Requirement	MATH 200/300/400 Level	3.00
Elective	Elective Credits	2.00
<b>Credits</b>		<b>15.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Social & Behavioral Ways of Knowing	3.00
CS-111	FOUNDATIONS OF PROGRAMMING	4.00
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	3.00
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I	5.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
CORE	Scientific Ways of Knowing	3.00
CORE	Diversity	3.00
MATH-275	CALCULUS III	4.00
PHYS-212	PHYSICS FOR SCIENTISTS AND ENGINEERS II	5.00
<b>Credits</b>		<b>15.00</b>
<b>Third Year</b>		
<b>Fall</b>		
CORE	Integrative Seminar: Ethics & Values	3.00
MATH-300	INTRODUCTION TO MATHEMATICAL REASONING	3.00
MATH-340	LINEAR ALGEBRA	3.00
Program Requirement	MATH 200/300/400 Level	3.00
Elective	Elective Credits	4.00
<b>Credits</b>		<b>16.00</b>
<b>Spring</b>		
MATH-320	PROBABILITY AND STATISTICS	3.00
Program Requirement	MATH 200/300/400 Level	3.00
Elective	Elective Credits	4.00
Elective	Elective Credits	4.00
<b>Credits</b>		<b>14.00</b>
<b>Fourth Year</b>		
<b>Fall</b>		
MATH-460	ABSTRACT ALGEBRA I	3.00
Program Requirement	Select MATH or Science course 300/400 Level	4.00
Elective	Elective Credits	4.00
Elective	Elective Credits	4.00
<b>Credits</b>		<b>15.00</b>

**Spring**

MATH-480	REAL ANALYSIS I	3.00
Elective	Elective Credits	4.00
Elective	Elective Credits	4.00
Elective	Elective Credits	4.00
<b>Credits</b>		<b>15.00</b>
<b>Total Credits</b>		<b>120.00-122.00</b>

Graduates with a BA/BS in Mathematics go on to obtain careers in a variety of fields:

- Industry
- Market Research
- Education
- Government
- Banking
- Actuarial Science
- Data Science
- Business, Management, Consulting
- Graduate Studies

## Mathematics: Secondary Education BA/BS

The Teacher Education program prepares candidates for certification in grades K-12. The Secondary Education program requires 26 credits of Education course work in professional foundations and studies and 13 credits during internship. Students apply for admission to the program after successfully completing nine credits of Education course work in professional foundations. During the course of these studies, candidates may be asked to reapply to the program if their GPA falls below 3.0.

Students in the Teacher Education Certification program are expected to provide evidence through performance that they have met Idaho's requirements for certification and become dedicated and knowledgeable professionals, content specialists, competent educational designers, capable educational facilitators, insightful educational evaluators, reflective professionals, and culturally responsive professionals before being recommended for teacher certification.

Teaching endorsement areas are attached to a Standard Instructional Certificate (grades K-12), according to Idaho Teacher Certification standards. All endorsements require a minimum of 45 semester credits, with the exception of dual endorsements where 30 semester credits for a major endorsement and 20 semester credits for a minor endorsement is required. The following LC State areas are approved for teaching field majors: Biology, Chemistry, Communication Arts, Earth Science, English; Kinesiology (Physical Education & Health); Mathematics; Natural Sciences; Psychology; and Social Science with a History emphasis (see degree requirements for each major). Teacher candidates must successfully pass the related Praxis II exam in their teaching content area(s).

For marketability purposes, students are encouraged to pursue endorsements and minors in a second teaching field; consult with an advisor for the proper procedure. Secondary Education majors must have a content area advisor and a Secondary Education advisor.

Graduates from other colleges or universities seeking secondary teacher certification must fulfill all Secondary Education professional course work requirements in addition to meeting all academic major or minor teaching field requirements for subject area endorsement.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		

Select one of the following: 3.00-5.00

MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-170	CALCULUS I	

#### Humanistic & Artistic Ways of Knowing

Select one course from two categories: 6.00-8.00

##### Literature

ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	

##### Arts

ART-100	INTRODUCTION TO ART	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES	
THEA-101	SURVEY OF THE THEATER	

##### Language

NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	

#### Scientific Ways of Knowing

PHYS-211 PHYSICS FOR SCIENTISTS AND ENGINEERS I 5.00

Select one of the following: 3.00-4.00

BIOF-100	INTRODUCTION TO BIOINFORMATICS	
BIOL-100	CONCEPTS OF BIOLOGY	
BIOL-120	PLANTS AND PEOPLE	
BIOL-123	BIOLOGY IN FILM	
BIOL-175	HUMAN BIOLOGY	
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	
CHEM-100	CONCEPTS OF CHEMISTRY	
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	
CHEM-111	PRINCIPLES OF CHEMISTRY I	
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE	
CS-108	INTRODUCTION TO COMPUTER SCIENCE	
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE	
GEOL-101	PHYSICAL GEOLOGY	
GEOL-120	INTRODUCTION TO EARTH SYSTEMS	
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS	
ID-240	INTEGRATED SCIENCE II	
NS-140	INTEGRATED SCIENCE I	
NS-150	INTRODUCTION TO NATURAL SCIENCES	
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR	
PHYS-111	GENERAL PHYSICS I	
or PHYS-112	GENERAL PHYSICS II	
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS	



PHYS-205	DESCRIPTIVE ASTRONOMY	
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**Social & Behavioral Ways of Knowing**

PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	3.00
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Select one of the following:		3.00
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ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	
POLS-101	AMERICAN NATIONAL GOVERNMENT	
POLS-237	INTERNATIONAL POLITICS	
POLS-285	COMPARATIVE GOVERNMENT	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SOC-102	SOCIAL PROBLEMS	
SS-184	DIVERSITY IN ORGANIZATIONS	
SS-185	HUMAN RELATIONS IN ORGANIZATIONS	

**Diversity**

Select one of the following:		3.00-4.00
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ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ANTH-360	RACE AND ETHNICITY	
COMM-345	INTERCULTURAL COMMUNICATION	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
ID-300C	ETHICS AND IDENTITY	
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS	
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
POLS-285	COMPARATIVE GOVERNMENT	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
SPAN-201	INTERMEDIATE SPANISH I	
SPAN-202	INTERMEDIATE SPANISH II	
SS-184	DIVERSITY IN ORGANIZATIONS	

**Integrative Seminar: Ethics & Values**

Select one of the following:		3.00
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ID 300A - 300Z (see course descriptions for options)

ID-301A	HELLS CANYON INSTITUTE
<b>Foreign/Heritage Language</b>	
Select 16 credits of language if selecting Bachelor of Arts Degree	16.00
<b>Total Credits</b>	<b>38.00-44.00</b>

## Program Requirements

Secondary certification candidates must meet the graduation requirements for their major and the Secondary Teacher Education Program and must have two advisors. (see below)

Code	Title	Credits
<b>Mathematics Program - Lower Division</b>		
CS-111	FOUNDATIONS OF PROGRAMMING	4.00
MATH-170	CALCULUS I (Required if not taken as core)	
MATH-175	CALCULUS II	4.00
MATH-186	DISCRETE MATHEMATICS	3.00
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	3.00
MATH-275	CALCULUS III	4.00
MATH-300	INTRODUCTION TO MATHEMATICAL REASONING	3.00
MATH-320	PROBABILITY AND STATISTICS	3.00
MATH-340	LINEAR ALGEBRA	3.00
MATH-386	MODERN GEOMETRY	3.00
MATH-460	ABSTRACT ALGEBRA I	3.00
MATH-480	REAL ANALYSIS I	3.00
PHYS-212	PHYSICS FOR SCIENTISTS AND ENGINEERS II	5.00
<b>Natural Science Electives</b>		
Select 4 credits of 300/400 level from the following course prefixes: BIO, BIOF, CHEM, CS, CYB, GIS, MATH, NS, or PHYS. <sup>1</sup>		4.00
<b>Secondary Education Certificate</b>		
See Secondary Education Certificate Requirements below		
<b>Total Credits</b>		<b>45.00</b>

<sup>1</sup> See Catalog section "Teacher Education Division: Secondary Teacher Certification" regarding certification requirements for this major. Selective course choices could be affected

## Secondary Education Certificate Requirements

Application for admission to the Teacher Education Program is required after successful completion of the first three Phase I courses.

Code	Title	Credits
<b>Phase I - Professional Foundations of Education</b>		
ED-214	PRINCIPLES OF EDUCATION <sup>1</sup>	3.00
ED-224	Course ED-224 Not Found	2.00
ED-318	ASSESSMENT OF LEARNING <sup>1</sup>	3.00
ED-321	EDUCATIONAL PSYCHOLOGY <sup>1</sup>	3.00
ED-345	CULTURALLY RELEVANT TEACHING	3.00
SE-322	INCLUSION STRATEGIES K-12 (may be taken in Phase I or Phase II)	3.00
<b>Phase II - Professional Studies in Education</b>		
ED-424	MEDIA & TECHNOLOGIES FOR TEACHING, K-12	2.00
ED-445	INSTRUCTIONAL STRATEGIES AND CLASSROOM MANAGEMENT, 6-12	3.00
ED-447	TEACHING METHODS IN THE CONTENT AREA	2.00
RE-309	DISCIPLINARY LITERACY	3.00
<b>Phase III - Instructional Methods in Education</b>		
ED-452	INTERNSHIP SEMINAR	1.00

ED-460	PROFESSIONAL INTERNSHIP IN EDUCATION 6-12	12.00
<b>Total Credits</b>		<b>40.00</b>

<sup>1</sup> Additional requirements must be met for teacher certification. See your Teacher Education Division advisor for details.

No grade lower than a "C-" will be accepted in any General Education core, Content Major, or 200-level Professional Foundations course. No grade lower than a "B-" will be accepted in any 300- or 400-level courses in Secondary Education.

A minimum cumulative GPA of 3.0 is required for admission into the Secondary Teacher Education Program. Candidates must also maintain a 3.0 cumulative GPA in their content area classes.

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
CORE	MATH-143,MATH-147 or MATH-170	3.00-5.00
CORE	Oral Communication	3.00
CORE	Scientific Ways of Knowing	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
CS-111	FOUNDATIONS OF PROGRAMMING	4.00
<b>Credits</b>		<b>16.00-18.00</b>
<b>Spring</b>		
CORE	Humanistic & Artistic Ways of Knowing	3.00
ENGL-102	WRITING AND RHETORIC II	3.00
MATH-175	CALCULUS II	4.00
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I	5.00
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	3.00
<b>Credits</b>		<b>18.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
MATH-186	DISCRETE MATHEMATICS	3.00
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	3.00
MATH-275	CALCULUS III	4.00
<b>Credits</b>		<b>16.00</b>
<b>Spring</b>		
CORE	Diversity	3.00
CORE	Integrative Seminar: Ethics & Values	3.00
MATH-300	INTRODUCTION TO MATHEMATICAL REASONING	3.00
MATH-320	PROBABILITY AND STATISTICS	3.00
PHYS-212	PHYSICS FOR SCIENTISTS AND ENGINEERS II	5.00
<b>Credits</b>		<b>17.00</b>
<b>Third Year</b>		
<b>Fall</b>		
MATH-340	LINEAR ALGEBRA	3.00
MATH-386	MODERN GEOMETRY	3.00
<b>Credits</b>		<b>6.00</b>
<b>Spring</b>		
MATH-460	ABSTRACT ALGEBRA I	3.00
MATH-480	REAL ANALYSIS I	3.00

Elective	Select MATH or Science course 300/400 Level	4.00
	<b>Credits</b>	<b>10.00</b>
	<b>Total Credits</b>	<b>83.00-85.00</b>

## Secondary Education Certificate Requirements

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ED-214	PRINCIPLES OF EDUCATION	3.00
ED-225	TECHNOLOGIES FOR TEACHING, K-12	3.00
ED-318	ASSESSMENT OF LEARNING	3.00
ED-321	EDUCATIONAL PSYCHOLOGY	3.00
ED-345	CULTURALLY RELEVANT TEACHING	3.00
	<b>Credits</b>	<b>15.00</b>
<b>Spring</b>		
ED-445	INSTRUCTIONAL STRATEGIES AND CLASSROOM MANAGEMENT, 6-12	3.00
ED-447	TEACHING METHODS IN THE CONTENT AREA	2.00
RE-309	DISCIPLINARY LITERACY	3.00
SE-322	INCLUSION STRATEGIES K-12	3.00
	<b>Credits</b>	<b>11.00</b>
<b>Second Year</b>		
<b>Fall</b>		
ED-452	INTERNSHIP SEMINAR	1.00
ED-460	PROFESSIONAL INTERNSHIP IN EDUCATION 6-12	12.00
	<b>Credits</b>	<b>13.00</b>
	<b>Total Credits</b>	<b>39.00</b>

Graduates with a BA/BS in Mathematics: Secondary Education go on to obtain careers in a variety of fields:

- Secondary Mathematics Teacher (6-12)
- Adult and Continuing Education
- Training Specialist
- Business and Industry
- Market Research
- Instructional Coach

## Natural Science: Secondary Education BA/BS

The Teacher Education program prepares candidates for certification in grades K-12. The Secondary Education program requires 27 credits of Education course work in professional foundations and studies and 13 credits during internship. Students apply for admission to the program after successfully completing nine credits of Education course work in professional foundations. During the course of the studies, candidates may be asked to reapply to the program if their GPA falls below 3.0.

Teaching endorsement areas are attached to a Standard Instructional Certificate (grades K-12), according to Idaho Teacher Certification standards. All endorsements require a minimum of 45 semester credits, with the exception of dual endorsements where 30 semester credits for a major endorsement and 20 semester credits for a minor endorsement is required. The following LC State areas are approved for teaching field majors: Biology, Chemistry, Communication Arts, Earth Science, English; Kinesiology-Physical Education K-12 and Health 6-12; Mathematics; Natural Sciences; Psychology; and Social Science with a History emphasis (see degree requirements for each major). Teacher candidates must successfully pass the related Praxis II exam in their teaching content area(s).

For marketability purposes, students are encouraged to pursue endorsements and minors in a second teaching field; consult with an advisor for the proper procedure. Secondary Education majors must have a content area advisor and a Secondary Education advisor.

Graduates from other colleges or universities seeking secondary teacher certification must fulfill all Secondary Education professional course work requirements in addition to meeting all academic major or minor teaching field requirements for subject area endorsement.

Students in the Teacher Education Certification program are expected to provide evidence through performance that they have met Idaho's requirements for certification and become dedicated and knowledgeable professionals, content specialists, competent educational designers, capable educational facilitators, insightful educational evaluators, reflective professionals, and culturally responsive professionals before being recommended for teacher certification.

## Advising

Secondary Teacher Education candidates must have two advisors; one for their academic major and one for teacher education.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	
MATH-170	CALCULUS I	
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Arts</b>		
ART-100	INTRODUCTION TO ART	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES	
THEA-101	SURVEY OF THE THEATER	
<b>Language</b>		
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
<b>Scientific Ways of Knowing</b>		
Select two of the following:		8.00
CHEM-111	PRINCIPLES OF CHEMISTRY I	
PHYS-111	GENERAL PHYSICS I	
or PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I	

**Social & Behavioral Ways of Knowing**

Select one course from two disciplines: 6.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ECON-201	PRINCIPLES OF MACROECONOMICS
ECON-202	PRINCIPLES OF MICROECONOMICS
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS

**Diversity**

Select one of the following: 3.00-4.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ANTH-360	RACE AND ETHNICITY
COMM-345	INTERCULTURAL COMMUNICATION
ENGL-258	INTERNATIONAL LITERATURE
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
ID-300C	ETHICS AND IDENTITY
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
POLS-285	COMPARATIVE GOVERNMENT
SOC-101	INTRODUCTION TO SOCIOLOGY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II

**Integrative Seminar: Ethics & Values**

Select one of the following: 3.00

ID 300A - 300Z (see course descriptions for options)
ID-301A HELLS CANYON INSTITUTE

**Foreign/Heritage Language**

Select 16 credits of language if selecting Bachelor of Arts Degree	16.00
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<b>Total Credits</b>	<b>38.00-43.00</b>
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## Program Requirements

Secondary certification candidates must meet the graduation requirements for their major and the Secondary Teacher Education Program and must have two advisors. (see below)

Code	Title	Credits
<b>Natural Science Program</b>		
BIOL-181	ECOLOGY, EVOLUTION, DIVERSITY OF LIFE	4.00
BIOL-182	CONCEPTS IN CELLULAR MECHANISMS	4.00
CHEM-112	PRINCIPLES OF CHEMISTRY II	4.00
GEOL-101	PHYSICAL GEOLOGY	4.00
or GEOL-120	INTRODUCTION TO EARTH SYSTEMS	
GEOL-202	HISTORICAL GEOLOGY	4.00
PHYS-111	GENERAL PHYSICS I	4.00
PHYS-112	GENERAL PHYSICS II	4.00
PHYS-205	DESCRIPTIVE ASTRONOMY	4.00
MATH-144	TRIGONOMETRY	2.00
Select one of the following:		4.00
CS-108	INTRODUCTION TO COMPUTER SCIENCE	
CS-111	FOUNDATIONS OF PROGRAMMING	
<b>Area of Emphasis</b>		
Select 12 credits from one emphasis below		12.00
<b>Secondary Education Certificate</b>		
See Secondary Education Certificate Requirements below		
<b>Total Credits</b>		<b>50.00</b>

<sup>1</sup> Additional requirements must be met for teacher certification. See your Teacher Education Division advisor for details.

## Areas of Emphasis

### Biology Emphasis

Code	Title	Credits
BIOL-213	PLANT AND ANIMAL FORM AND FUNCTION	4.00
Select 8 credits from BIOL from the 200/300/400 level		8.00
<b>Total Credits</b>		<b>12.00</b>

### Chemistry Emphasis

Code	Title	Credits
CHEM-371	ORGANIC CHEMISTRY I	3.00
CHEM-373	ORGANIC CHEMISTRY I LAB	1.00
Select 4 credits from CHEM from the 300/400 level		4.00
Select one of the following:		4.00
CHEM-325	QUANTITATIVE ANALYSIS	
CHEM-481	BIOCHEMISTRY I	
<b>Total Credits</b>		<b>12.00</b>

## Earth Science Emphasis

Code	Title	Credits
Select 4 credits from GEOL or GIS course numbered 200 or higher		4.00
Select 8 credits from GEOL course numbered 300 level or higher		8.00
<b>Total Credits</b>		<b>12.00</b>

## Secondary Education Certificate Requirements

Application for admission to the Teacher Education Program is required after successful completion of the first three Phase I courses.

Code	Title	Credits
<b>Phase I - Professional Foundations of Education</b>		
ED-214	PRINCIPLES OF EDUCATION <sup>1</sup>	3.00
ED-225	TECHNOLOGIES FOR TEACHING, K-12	3.00
ED-318	ASSESSMENT OF LEARNING <sup>1</sup>	3.00
ED-321	EDUCATIONAL PSYCHOLOGY <sup>1</sup>	3.00
ED-345	CULTURALLY RELEVANT TEACHING	3.00
SE-322	INCLUSION STRATEGIES K-12	3.00
<b>Phase II - Professional Studies in Education</b>		
ED-445	INSTRUCTIONAL STRATEGIES AND CLASSROOM MANAGEMENT, 6-12	3.00
ED-447	TEACHING METHODS IN THE CONTENT AREA	2.00
RE-309	DISCIPLINARY LITERACY	3.00
<b>Phase III - Instructional Methods in Education</b>		
ED-452	INTERNSHIP SEMINAR	1.00
ED-460	PROFESSIONAL INTERNSHIP IN EDUCATION 6-12	12.00
<b>Total Credits</b>		<b>39.00</b>

<sup>1</sup> Additional requirements must be met for teacher certification. See your Teacher Education Division advisor for details.

No grade lower than a "C-" will be accepted in any General Education core, Content Major, or 200-level Professional Foundations course. No grade lower than a "B-" will be accepted in any 300- or 400-level courses in Secondary Education.

A minimum cumulative GPA of 3.0 is required for admission into the Secondary Teacher Education Program. Candidates must also maintain a 3.0 cumulative GPA in their content area classes.

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
BIOL-181	ECOLOGY, EVOLUTION, DIVERSITY OF LIFE	4.00
CORE	MATH-143 or MATH-147	3.00-5.00
CORE	Oral Communication	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	3.00
<b>Credits</b>		<b>16.00-18.00</b>
<b>Spring</b>		
BIOL-182	CONCEPTS IN CELLULAR MECHANISMS	4.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
ENGL-102	WRITING AND RHETORIC II	3.00
Program Requirement	Select Emphasis course	3.00
<b>Credits</b>		<b>16.00</b>



**Second Year****Fall**

CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Diversity	3.00
CHEM-111	PRINCIPLES OF CHEMISTRY I	4.00
GEOL-101 or GEOL-120	PHYSICAL GEOLOGY or INTRODUCTION TO EARTH SYSTEMS	4.00
<b>Credits</b>		<b>14.00</b>

**Spring**

CORE	Integrative Seminar: Ethics & Values	3.00
GEOL-202	HISTORICAL GEOLOGY	4.00
CS-108 or CS-111	INTRODUCTION TO COMPUTER SCIENCE or FOUNDATIONS OF PROGRAMMING	4.00
NS-150	INTRODUCTION TO NATURAL SCIENCES	3.00
<b>Credits</b>		<b>14.00</b>

**Third Year****Fall**

CHEM-112	PRINCIPLES OF CHEMISTRY II	4.00
PHYS-111	GENERAL PHYSICS I	4.00
PHYS-112	GENERAL PHYSICS II	4.00
PHYS-205	DESCRIPTIVE ASTRONOMY	4.00
Program Requirement	Select Emphasis course	3.00
<b>Credits</b>		<b>19.00</b>

**Spring**

Program Requirement	Select Emphasis course	3.00
Program Requirement	Select Emphasis course	3.00
<b>Credits</b>		<b>6.00</b>

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**Total Credits** **85.00-87.00**

**Secondary Education Certificate Requirements**

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ED-214	PRINCIPLES OF EDUCATION	3.00
ED-225	TECHNOLOGIES FOR TEACHING, K-12	3.00
ED-318	ASSESSMENT OF LEARNING	3.00
ED-321	EDUCATIONAL PSYCHOLOGY	3.00
ED-345	CULTURALLY RELEVANT TEACHING	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
ED-445	INSTRUCTIONAL STRATEGIES AND CLASSROOM MANAGEMENT, 6-12	3.00
ED-447	TEACHING METHODS IN THE CONTENT AREA	2.00
RE-309	DISCIPLINARY LITERACY	3.00
SE-322	INCLUSION STRATEGIES K-12	3.00
<b>Credits</b>		<b>11.00</b>
<b>Second Year</b>		
<b>Fall</b>		
ED-452	INTERNSHIP SEMINAR	1.00
ED-460	PROFESSIONAL INTERNSHIP IN EDUCATION 6-12	12.00
<b>Credits</b>		<b>13.00</b>
<b>Total Credits</b>		<b>39.00</b>

Graduates with a BA/BS in Natural Science: Secondary Education go on to obtain careers in a variety of fields:

- Secondary Science Teacher (6-12)
- Adult and Continuing Education
- Training Specialist
- Business and Industry
- Research
- Lab Technician
- Instructional Coach

## Paraprofessional Education AA

The Paraprofessional Education program prepares teaching assistants to work in K-12 schools in special education, reading, and general education classrooms. The program articulates with the core requirements of the Elementary Teacher Education program while providing needed coursework to improve student learning. This degree is designed for teaching assistants and early childhood care providers.

### General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
COMM-204	PUBLIC SPEAKING	3.00
<b>Mathematical Ways of Knowing</b>		
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	4.00
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Arts</b>		
ART-100	INTRODUCTION TO ART	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	
THEA-101	SURVEY OF THE THEATER	
<b>Language</b>		
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
<b>Scientific Ways of Knowing</b>		
Select one course from two disciplines; one lab		7.00-8.00
BIOF-100	INTRODUCTION TO BIOINFORMATICS	
BIOL-100	CONCEPTS OF BIOLOGY	
BIOL-120	PLANTS AND PEOPLE	

BIOL-123	BIOLOGY IN FILM
BIOL-175	HUMAN BIOLOGY
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I
CHEM-100	CONCEPTS OF CHEMISTRY
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY
CHEM-111	PRINCIPLES OF CHEMISTRY I
CS-108	INTRODUCTION TO COMPUTER SCIENCE
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOL-101	PHYSICAL GEOLOGY
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
ID-240	INTEGRATED SCIENCE II
NS-140	INTEGRATED SCIENCE I
NS-150	INTRODUCTION TO NATURAL SCIENCES <sup>1</sup>
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR
PHYS-111	GENERAL PHYSICS I
or PHYS-112	GENERAL PHYSICS II
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS
PHYS-205	DESCRIPTIVE ASTRONOMY
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I

**Social & Behavioral Ways of Knowing**

PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	3.00
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Select one of the following: 3.00

HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
POLS-101	AMERICAN NATIONAL GOVERNMENT

**Diversity**

Select one of the following: 3.00-4.00

ANTH-102	CULTURAL ANTHROPOLOGY
ANTH-120	WORLD PREHISTORY
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES
ANTH-360	RACE AND ETHNICITY
COMM-345	INTERCULTURAL COMMUNICATION
ENGL-258	INTERNATIONAL LITERATURE
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE
GEOG-102	INTRODUCTION TO GEOGRAPHY
HIST-101	WORLD HISTORY I
HIST-102	WORLD HISTORY II
HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
ID-300C	ETHICS AND IDENTITY
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS
NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
POLS-285	COMPARATIVE GOVERNMENT
SOC-101	INTRODUCTION TO SOCIOLOGY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
SS-184	DIVERSITY IN ORGANIZATIONS

**Integrative Seminar: Ethics & Values**

Select one of the following: 3.00

ID 300A - 300Z (see course descriptions for options)

ID-301A HELLS CANYON INSTITUTE

**Foreign/Heritage Language**

Select 16 credits of language if selecting Bachelor of Arts Degree 16.00

**Total Credits 38.00-42.00**

## Program Requirements

Code	Title	Credits
<b>Program Requirements</b>		
ED-214	PRINCIPLES OF EDUCATION	3.00
ED-435	Course ED-435 Not Found	3.00
MATH-157	MATHEMATICS FOR ELEMENTARY TEACHERS I	4.00
RE-340	FOUNDATIONAL LITERACY	4.00
SE-322	INCLUSION STRATEGIES K-12	3.00
SE-333	INDIVIDUALIZED INSTRUCTION	3.00
SE-334	INDIVIDUALIZED MOTIVATION	3.00
SE-335	SPECIAL EDUCATION FIELD EXPERIENCE	1.00
<b>Program Electives</b>		
Select 9 credits from the following:		9.00
ED-425	INSTRUCTIONAL METHODS AND CLASSROOM MANAGEMENT, K-8	
HLTH-215	ELEMENTARY HEALTH SCIENCE/METHODS	
RE-301	PSYCHOLINGUISTICS, LITERACY, AND LANGUAGE ACQUISITION	
RE-217	CHILDREN'S LITERATURE AND STORYTELLING	
RE-303	EMERGENT LITERACY	
SE-332	INDIVIDUALIZED ASSESSMENT	
<b>Total Credits</b>		<b>33.00</b>

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
COMM-204	PUBLIC SPEAKING	3.00
CORE	Scientific Ways of Knowing	3.00
ED-214	PRINCIPLES OF EDUCATION	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
MATH-157	MATHEMATICS FOR ELEMENTARY TEACHERS I	4.00
Program Requirement	Program Elective	3.00
<b>Credits</b>		<b>19.00</b>
<b>Spring</b>		
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Scientific Ways of Knowing	4.00
ENGL-102	WRITING AND RHETORIC II	3.00
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	4.00
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	3.00
<b>Credits</b>		<b>17.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Integrative Seminar: Ethics & Values	3.00
ED-435	Course ED-435 Not Found	3.00
Program Requirement	HIST-111, HIST-112 or POLS-101	3.00

SE-322	INCLUSION STRATEGIES K-12	3.00
SE-333	INDIVIDUALIZED INSTRUCTION	3.00
SE-334	INDIVIDUALIZED MOTIVATION	3.00
<b>Credits</b>		<b>18.00</b>
<b>Spring</b>		
CORE	Diversity	3.00
Program Requirement	Program Elective	3.00
Program Requirement	Program Elective	3.00
RE-340	FOUNDATIONAL LITERACY	4.00
SE-335	SPECIAL EDUCATION FIELD EXPERIENCE	1.00
CORE	Humanistic & Artistic Ways of Knowing	3.00
<b>Credits</b>		<b>17.00</b>
<b>Total Credits</b>		<b>71.00</b>

Graduates with an AA in Paraprofessional Education go on to obtain careers in a variety of fields:

- Elementary Education
- Secondary Education
- Special Education (K-12)
- Tutoring

## Psychology: Secondary Education BA/BS

The Secondary Teacher Education program prepares teacher candidates for certification in grades 6-12. It requires 27 credits of Education course work in professional foundations and studies and 13 credits during internship. Students apply for admission to the program after successfully completing nine credits of Education course work in professional foundations. During the course of the studies, candidates may be asked to reapply to the program if their GPA falls below 3.0 in general course work and 3.0 in their selected content area(s) of endorsement such as biology, chemistry, communication arts, earth science, English, math, natural sciences, physical education/health, psychology, or social studies. There are separate degree requirements for each major and minor endorsement area.

Secondary Teaching Certificates (6-12) are endorsed for subject areas according to Idaho Teacher Certification standards. All certificates require a minimum of 30 semester credits for a teaching field major and 20 semester credits for a teaching minor. For a single teaching field major, a minimum of 45 semester credits is required. The Psychology endorsement is *not* a single teaching field endorsement; a second endorsement of at least 20 semester credits is required for Idaho certification. The following LC State areas are approved for teaching field majors: Biology; Chemistry; Communication Arts with a Speech and Debate emphasis; Earth Science; English; Kinesiology-Physical Education K-12 and Health 6-12; Mathematics; Natural Sciences; Psychology; and Social Science with a History emphasis (see degree requirements for each major). For marketability purposes, students are encouraged to pursue endorsements and minors in a second teaching field; consult with an advisor for the proper procedure. Secondary Education majors must have a content area advisor and a Secondary Education advisor.

Graduates from other colleges or universities seeking secondary teacher certification must fulfill all Secondary Education professional course work requirements in addition to meeting all academic major or minor teaching field requirements for subject area endorsement.

Students in the Secondary Education Certification program are expected to provide evidence through performance that they have met Idaho's requirements for certification and become dedicated and knowledgeable professionals, content specialists, competent educational designers, capable educational facilitators, insightful educational evaluators, reflective professionals, and culturally responsive professionals before being recommended for secondary teacher certification.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
Select one from the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	

COMM-204 PUBLIC SPEAKING

**Mathematical Ways of Knowing**

Select one of the following: 3.00-5.00

MATH-123	MATH IN MODERN SOCIETY
MATH-130	FINITE MATHEMATICS
MATH-143	COLLEGE ALGEBRA
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY
MATH-153	STATISTICAL REASONING
MATH-170	CALCULUS I
MATH-253	STATISTICAL METHODS FOR THE SCIENCES
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II
MTHPT-130	FINITE MATHEMATICS
MTHPT-137	MATH FOR TECHNOLOGY
MTHPT-153	STATISTICAL REASONING

**Humanistic & Artistic Ways of Knowing**

Select one course from two categories: 6.00-8.00

**Literature**

ENGL-175	LITERATURE AND IDEAS
ENGL-257	WORLD CLASSICS
ENGL-258	INTERNATIONAL LITERATURE
ENGL-260	NATIVE AMERICAN LITERATURE
ENGL-261	MYTHOLOGIES

**Arts**

ART-100	INTRODUCTION TO ART
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE
HUM-150	INTRODUCTION TO THE ARTS
MUS-101	SURVEY OF MUSIC
MUS-102	MUSIC IN AMERICA
MUS-150	WORLD MUSIC
MUS-151	HISTORY OF MUSICAL THEATER
MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES
THEA-101	SURVEY OF THE THEATER

**Language**

NP-101	NEZ PERCE LANGUAGE AND CULTURE
NP-102	NEZ PERCE LANGUAGE AND HISTORY
SPAN-101	ELEMENTARY SPANISH I
SPAN-102	ELEMENTARY SPANISH II

**Scientific Ways of Knowing**

Select one course from two disciplines; one lab 7.00-8.00

BIOF-100	INTRODUCTION TO BIOINFORMATICS
BIOL-100	CONCEPTS OF BIOLOGY
BIOL-120	PLANTS AND PEOPLE
BIOL-123	BIOLOGY IN FILM
BIOL-175	HUMAN BIOLOGY
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I
CHEM-100	CONCEPTS OF CHEMISTRY
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY
CHEM-111	PRINCIPLES OF CHEMISTRY I
CITPT-108	INTRODUCTION TO COMPUTER SCIENCE
CS-108	INTRODUCTION TO COMPUTER SCIENCE
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOL-101	PHYSICAL GEOLOGY

GEOL-120	INTRODUCTION TO EARTH SYSTEMS	
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS	
ID-240	INTEGRATED SCIENCE II	
NS-140	INTEGRATED SCIENCE I	
NS-150	INTRODUCTION TO NATURAL SCIENCES <sup>1</sup>	
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR	
PHYS-111	GENERAL PHYSICS I	
or PHYS-112	GENERAL PHYSICS II	
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS	
PHYS-205	DESCRIPTIVE ASTRONOMY	
PHYS-211	PHYSICS FOR SCIENTISTS AND ENGINEERS I	

**Social & Behavioral Ways of Knowing**

PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	3.00
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Select one from the following: 3.00

ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	
POLS-101	AMERICAN NATIONAL GOVERNMENT	
POLS-237	INTERNATIONAL POLITICS	
POLS-285	COMPARATIVE GOVERNMENT	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SOC-102	SOCIAL PROBLEMS	
SS-184	DIVERSITY IN ORGANIZATIONS	
SS-185	HUMAN RELATIONS IN ORGANIZATIONS	

**Diversity**

Select one of the following: 3.00-4.00

ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ANTH-360	RACE AND ETHNICITY	
COMM-345	INTERCULTURAL COMMUNICATION	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	
HIST-111	UNITED STATES HISTORY I	
HIST-112	UNITED STATES HISTORY II	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
ID-300C	ETHICS AND IDENTITY	
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS	
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	

POLS-285	COMPARATIVE GOVERNMENT	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
SPAN-201	INTERMEDIATE SPANISH I	
SPAN-202	INTERMEDIATE SPANISH II	
SS-184	DIVERSITY IN ORGANIZATIONS	
<b>Integrative Seminar: Ethics &amp; Values</b>		
Select one of the following:		3.00
ID 300A - 300Z (see course descriptions for options)		
ID-301A	HELLS CANYON INSTITUTE	
<b>Foreign/Heritage Language</b>		
Select 16 credits of language if selecting Bachelor of Arts Degree		16.00
<b>Total Credits</b>		<b>37.00-43.00</b>

## Program Requirements

Secondary certification candidates must meet the graduation requirements for their major and the Secondary Teacher Education Program and must have two advisors. (see below)

Code	Title	Credits
<b>Major Requirements</b>		
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	3.00
PSYC-226	BIOLOGICAL BASES OF BEHAVIOR	3.00
PSYC-240	PHILOSOPHICAL & HISTORICAL ROOTS OF PSYCHOLOGICAL SCIENCE	3.00
PSYC-300	STATISTICAL METHODS	3.00
PSYC-311	ABNORMAL PSYCHOLOGY	3.00
PSYC-320	SOCIAL PSYCHOLOGY	3.00
PSYC-385	RESEARCH METHODS	3.00
PSYC-499	RESEARCH PROJECT AND SEMINAR IN PSYCHOLOGY	3.00
Select one from the following:		3.00
PSYC-485	ADVANCED RESEARCH SEMINAR	
PSYC-494	INTERNSHIP IN PSYCHOLOGY	
PSYC-495	PRACTICUM IN PSYCHOLOGY	
<b>Selectives</b>		
Select 9 credits from PSYC <sup>1</sup>		9.00
<b>Electives</b>		
Select 8 elective credits		8.00
<b>Secondary Education Certificate</b>		
See Secondary Education Certificate Requirements below		
<b>Total Credits</b>		<b>44.00</b>

<sup>1</sup> See Catalog section "Teacher Education Division: Secondary Teacher Certification" regarding certification requirements for this major. Selective course choices could be affected.

## Secondary Education Certificate Requirements

Application for admission to the Teacher Education Program is required after successful completion of the first three Phase I courses.

Code	Title	Credits
<b>Phase I - Professional Foundations of Education</b>		
ED-214	PRINCIPLES OF EDUCATION <sup>1</sup>	3.00
ED-225	TECHNOLOGIES FOR TEACHING, K-12	3.00
ED-318	ASSESSMENT OF LEARNING <sup>1</sup>	3.00
ED-321	EDUCATIONAL PSYCHOLOGY <sup>1</sup>	3.00



ED-345	CULTURALLY RELEVANT TEACHING	3.00
SE-322	INCLUSION STRATEGIES K-12 (may be taken in Phase I or Phase II)	3.00
<b>Phase II - Professional Studies in Education</b>		
ED-445	INSTRUCTIONAL STRATEGIES AND CLASSROOM MANAGEMENT, 6-12	3.00
ED-447	TEACHING METHODS IN THE CONTENT AREA	2.00
RE-309	DISCIPLINARY LITERACY	3.00
<b>Phase III - Instructional Methods in Education</b>		
ED-452	INTERNSHIP SEMINAR	1.00
ED-460	PROFESSIONAL INTERNSHIP IN EDUCATION 6-12	12.00
<b>Total Credits</b>		<b>39.00</b>

<sup>1</sup> Additional requirements must be met for teacher certification. See your Teacher Education Division advisor for details.

No grade lower than a "C-" will be accepted in any General Education core, Content Major, or 200-level Professional Foundations course. No grade lower than a "B-" will be accepted in any 300- or 400-level education courses in the Secondary Education Program.

A minimum cumulative GPA of 3.0 is required for admission into the Secondary Teacher Education Program. Candidates must also maintain a 3.0 cumulative GPA in their content area classes.

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
CORE	Diversity	3.00
CORE	Oral Communication	3.00
CORE	Scientific Ways of Knowing	3.00
ENGL-101	WRITING AND RHETORIC I	3.00
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Mathematical Ways of Knowing	3.00
CORE	Social & Behavioral Ways of Knowing	3.00
ENGL-102	WRITING AND RHETORIC II	3.00
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	3.00
<b>Credits</b>		<b>15.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Humanistic & Artistic Ways of Knowing	3.00
PSYC-300	STATISTICAL METHODS	3.00
Program Requirement	Select PSYC Selective course	3.00
Elective	Elective Credits	4.00
<b>Credits</b>		<b>13.00</b>
<b>Spring</b>		
CORE	Integrative Seminar: Ethics & Values	3.00
CORE	Scientific Ways of Knowing	4.00
PSYC-240	PHILOSOPHICAL & HISTORICAL ROOTS OF PSYCHOLOGICAL SCIENCE	3.00
PSYC-385	RESEARCH METHODS	3.00
<b>Credits</b>		<b>13.00</b>
<b>Third Year</b>		
<b>Fall</b>		
PSYC-226	BIOLOGICAL BASES OF BEHAVIOR	3.00
PSYC-311	ABNORMAL PSYCHOLOGY	3.00

PSYC-320	SOCIAL PSYCHOLOGY	3.00
Program Requirement	Select PSYC Selective course	3.00
<b>Credits</b>		<b>12.00</b>
<b>Spring</b>		
Program Requirement	Select PSYC Selective course	3.00
Program Requirement	PSYC-485, PSYC-494 or PSYC-495	3.00
PSYC-499	RESEARCH PROJECT AND SEMINAR IN PSYCHOLOGY	3.00
Elective	Elective Credits	4.00
<b>Credits</b>		<b>13.00</b>
<b>Total Credits</b>		<b>81.00</b>

## Secondary Education Certificate Requirements

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ED-214	PRINCIPLES OF EDUCATION	3.00
ED-225	TECHNOLOGIES FOR TEACHING, K-12	3.00
ED-318	ASSESSMENT OF LEARNING	3.00
ED-321	EDUCATIONAL PSYCHOLOGY	3.00
ED-345	CULTURALLY RELEVANT TEACHING	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
ED-445	INSTRUCTIONAL STRATEGIES AND CLASSROOM MANAGEMENT, 6-12	3.00
ED-447	TEACHING METHODS IN THE CONTENT AREA	2.00
RE-309	DISCIPLINARY LITERACY	3.00
SE-322	INCLUSION STRATEGIES K-12	3.00
<b>Credits</b>		<b>11.00</b>
<b>Second Year</b>		
<b>Fall</b>		
ED-452	INTERNSHIP SEMINAR	1.00
ED-460	PROFESSIONAL INTERNSHIP IN EDUCATION 6-12	12.00
<b>Credits</b>		<b>13.00</b>
<b>Total Credits</b>		<b>39.00</b>

Graduates with a BA/BS in Psychology: Secondary Education go on to obtain careers in a variety of fields:

- Secondary Psychology Teacher (6-12)
- Adult and Continuing Education
- Training Specialist
- Business and Industry
- Research
- Human Services
- Instructional Coach

## Social Sciences - History: Secondary Education BA/BS

The Teacher Education program prepares candidates for certification in grades K-12. The Secondary Education program requires 27 credits of Education course work in professional foundations and studies and 13 credits during internship. Students apply for admission to the program after successfully completing nine credits of Education course work in professional foundations. During the course of the studies, candidates may be asked to reapply to the program if their GPA falls below 3.0 in general course work and 3.0 in their selected content area(s) of endorsement such as biology, chemistry, communication arts, earth science, English, math, natural sciences, physical education/health, psychology, or social studies. There are separate degree requirements for each major and minor endorsement area.

Teaching endorsement areas are attached to a Standard Instructional Certificate (grades K-12), according to Idaho Teacher Certification standards. All endorsements require a minimum of 30 semester credits for a teaching field major and 20 semester credits for a teaching minor. For a single teaching

field major, a minimum of 45 semester credits is required. The following LC State areas are approved for teaching field majors: Biology, Chemistry, Communication Arts, Earth Science, English; Kinesiology-Physical Education K-12 and Health 6-12; Mathematics; Natural Sciences; Psychology; and Social Science with a History emphasis (see degree requirements for each major). Teacher candidates must successfully pass the related Praxis II exam in their teaching content area(s).

For marketability purposes, students are encouraged to pursue endorsements and minors in a second teaching field; consult with an advisor for the proper procedure. Secondary Education majors must have a content area advisor and a Secondary Education advisor.

Graduates from other colleges or universities seeking secondary teacher certification must fulfill all Secondary Education professional course work requirements in addition to meeting all academic major or minor teaching field requirements for subject area endorsement.

Students in the Teacher Education Certification program are expected to provide evidence through performance that they have met Idaho's requirements for certification and become dedicated and knowledgeable professionals, content specialists, competent educational designers, capable educational facilitators, insightful educational evaluators, reflective professionals, and culturally responsive professionals before being recommended for teacher certification.

For advising purposes, Secondary Teacher Education candidates must have two advisors; one for their academic major and one for teacher education.

## General Education Requirements

Code	Title	Credits
<b>Written Communication</b>		
Select one of the following:		6.00
ENGL-101 & ENGL-102	WRITING AND RHETORIC I and WRITING AND RHETORIC II	
ENGL-109	COLLEGE WRITING AND RESEARCH	
<b>Oral Communication</b>		
COMM-204	PUBLIC SPEAKING	3.00
<b>Mathematical Ways of Knowing</b>		
Select one of the following:		3.00-5.00
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-143	COLLEGE ALGEBRA	
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY (or MATH-147A & MATH-147B)	
MATH-153	STATISTICAL REASONING	
MATH-170	CALCULUS I	
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	
<b>Humanistic &amp; Artistic Ways of Knowing</b>		
Select one course from two categories:		6.00-8.00
<b>Literature</b>		
ENGL-175	LITERATURE AND IDEAS	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-260	NATIVE AMERICAN LITERATURE	
ENGL-261	MYTHOLOGIES	
<b>Arts</b>		
ART-100	INTRODUCTION TO ART	
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE	
HUM-150	INTRODUCTION TO THE ARTS	
MUS-101	SURVEY OF MUSIC	
MUS-102	MUSIC IN AMERICA	
MUS-150	WORLD MUSIC	
MUS-151	HISTORY OF MUSICAL THEATER	

MUS-152	HISTORY OF JAZZ AND POPULAR MUSIC STYLES	
THEA-101	SURVEY OF THE THEATER	
<b>Language</b>		
NP-101	NEZ PERCE LANGUAGE AND CULTURE	
NP-102	NEZ PERCE LANGUAGE AND HISTORY	
SPAN-101	ELEMENTARY SPANISH I	
SPAN-102	ELEMENTARY SPANISH II	
<b>Scientific Ways of Knowing</b>		
GEOL-101	PHYSICAL GEOLOGY	4.00
or GEOL-120	INTRODUCTION TO EARTH SYSTEMS	
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS	4.00
<b>Social &amp; Behavioral Ways of Knowing</b>		
HIST-101	WORLD HISTORY I	3.00
POLS-101	AMERICAN NATIONAL GOVERNMENT	3.00
<b>Diversity</b>		
GEOG-102	INTRODUCTION TO GEOGRAPHY	3.00
<b>Integrative Seminar: Ethics &amp; Values</b>		
Select one of the following:		3.00
ID 300A - 300V (see course descriptions for options)		
ID-301A	HELLS CANYON INSTITUTE	
<b>Foreign/Heritage Language</b>		
Take 8 credits if selecting a Bachelor of Science Degree. (Required for Social Science Majors) Take 16 credits for Bachelor of Arts Degree		8.00-16.00
<b>Total Credits</b>		<b>46.00-58.00</b>

## Program Requirements

Secondary certification candidates must meet the graduation requirements for their major and the Secondary Teacher Education Program and must have two advisors. (see below)

Code	Title	Credits
<b>Social Science Program Requirements</b>		
ECON-300	STATISTICAL METHODS	3.00
HIST-200	KEYS TO HISTORICAL RESEARCH	3.00
POLS-200	SOCIAL AND POLITICAL PHILOSOPHY	3.00
SS-499	SEMINAR IN SOCIAL SCIENCE AND HISTORY	3.00
History Emphasis:		
HIST-102	WORLD HISTORY II	3.00
HIST-111	UNITED STATES HISTORY I	3.00
HIST-112	UNITED STATES HISTORY II	3.00
Select 15 credits of HIST in the 200 level or above (additional US History Course required)		15.00
Social Sciences:		
POLS-285	COMPARATIVE GOVERNMENT	3.00
ECON-201	PRINCIPLES OF MACROECONOMICS	3.00
ECON-202	PRINCIPLES OF MICROECONOMICS	3.00
Select 3 credits of U.S. Government at the 300/400 level <sup>1</sup>		3.00
Select 3 credits of ECON		3.00
Select 6 credits from ANTH and SOC numbered 300/400 level or 8 credits of foreign/heritage language		6.00-8.00
<b>Secondary Education Certificate</b>		
See Secondary Education Certificate Requirements below		
<b>Total Credits</b>		<b>57.00-59.00</b>

## Secondary Education Certificate Requirements

Application for admission to the Teacher Education Program is required after successful completion of the first three Phase I courses.

Code	Title	Credits
<b>Phase I - Professional Foundations of Education</b>		
ED-214	PRINCIPLES OF EDUCATION <sup>1</sup>	3.00
ED-225	TECHNOLOGIES FOR TEACHING, K-12	3.00
ED-318	ASSESSMENT OF LEARNING <sup>1</sup>	3.00
ED-321	EDUCATIONAL PSYCHOLOGY <sup>1</sup>	3.00
ED-345	CULTURALLY RELEVANT TEACHING	3.00
SE-322	INCLUSION STRATEGIES K-12	3.00
<b>Phase II - Professional Studies in Education</b>		
ED-445	INSTRUCTIONAL STRATEGIES AND CLASSROOM MANAGEMENT, 6-12	3.00
ED-447	TEACHING METHODS IN THE CONTENT AREA	2.00
RE-309	DISCIPLINARY LITERACY	3.00
<b>Phase III - Instructional Methods in Education</b>		
ED-452	INTERNSHIP SEMINAR	1.00
ED-460	PROFESSIONAL INTERNSHIP IN EDUCATION 6-12	12.00
<b>Total Credits</b>		<b>39.00</b>

<sup>1</sup> Additional requirements must be met for teacher certification. See your Teacher Education Division advisor for details.

No grade lower than a "C-" will be accepted in any General Education core, Content Major, or 200-level Professional Foundations course. No grade lower than a "B-" will be accepted in any 300- or 400-level courses in Secondary Education.

A minimum cumulative GPA of 3.0 is required for admission into the Secondary Teacher Education Program. Candidates must also maintain a 3.0 cumulative GPA in their content area classes.

## Sequential Plan of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ENGL-101	WRITING AND RHETORIC I	3.00
COMM-204	PUBLIC SPEAKING	3.00
POLS-101	AMERICAN NATIONAL GOVERNMENT	3.00
HIST-101	WORLD HISTORY I	3.00
HIST-111	UNITED STATES HISTORY I	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
CORE	Humanistic & Artistic Ways of Knowing	3.00
CORE	Mathematical Ways of Knowing	3.00
ENGL-102	WRITING AND RHETORIC II	3.00
GEOG-102	INTRODUCTION TO GEOGRAPHY	3.00
HIST-102	WORLD HISTORY II	3.00
HIST-112	UNITED STATES HISTORY II	3.00
<b>Credits</b>		<b>18.00</b>
<b>Second Year</b>		
<b>Fall</b>		
CORE	Humanistic & Artistic Ways of Knowing	3.00
SPAN-101	ELEMENTARY SPANISH I	4.00
or NP-101	or NEZ PERCE LANGUAGE AND CULTURE	
GEOL-101	PHYSICAL GEOLOGY	4.00
or GEOL-120	or INTRODUCTION TO EARTH SYSTEMS	

ECON-300	STATISTICAL METHODS	3.00
Program Requirement	HIST 200/300/400 Level	3.00
<b>Credits</b>		<b>17.00</b>
<b>Spring</b>		
CORE	Integrative Seminar: Ethics & Values	3.00
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS	4.00
POLS/PHIL-200	SOCIAL AND POLITICAL PHILOSOPHY	3.00
Program Requirement	HIST 200/300/400 Level	3.00
SPAN-102 or NP-102	ELEMENTARY SPANISH II or NEZ PERCE LANGUAGE AND HISTORY	4.00
<b>Credits</b>		<b>17.00</b>
<b>Third Year</b>		
<b>Fall</b>		
ECON-201	PRINCIPLES OF MACROECONOMICS	3.00
HIST-200	KEYS TO HISTORICAL RESEARCH	3.00
Program Requirement	HIST 200/300/400 Level	3.00
Program Requirement	ANTH/SOC numbered 300/400 level or foreign/heritage language	3.00
<b>Credits</b>		<b>12.00</b>
<b>Spring</b>		
POLS-285	COMPARATIVE GOVERNMENT	3.00
ECON-202	PRINCIPLES OF MICROECONOMICS	3.00
Program Requirement	HIST 200/300/400 Level	3.00
Program Requirement	ANTH/SOC numbered 300/400 level or foreign/heritage language	3.00
SS-499	SEMINAR IN SOCIAL SCIENCE AND HISTORY	3.00
<b>Credits</b>		<b>15.00</b>
<b>Fourth Year</b>		
<b>Fall</b>		
Program Requirement	ECON 200/300/400 Level	3.00
Program Requirement	HIST 200/300/400 Level	3.00
Program Requirement	POLS 200/300/400 Level	3.00
<b>Credits</b>		<b>9.00</b>
<b>Total Credits</b>		<b>103.00</b>

## Secondary Education Certificate Requirements

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ED-214	PRINCIPLES OF EDUCATION	3.00
ED-225	TECHNOLOGIES FOR TEACHING, K-12	3.00
ED-318	ASSESSMENT OF LEARNING	3.00
ED-321	EDUCATIONAL PSYCHOLOGY	3.00
ED-345	CULTURALLY RELEVANT TEACHING	3.00
<b>Credits</b>		<b>15.00</b>
<b>Spring</b>		
ED-445	INSTRUCTIONAL STRATEGIES AND CLASSROOM MANAGEMENT, 6-12	3.00
ED-447	TEACHING METHODS IN THE CONTENT AREA	2.00
RE-309	DISCIPLINARY LITERACY	3.00
SE-322	INCLUSION STRATEGIES K-12	3.00
<b>Credits</b>		<b>11.00</b>
<b>Second Year</b>		
<b>Fall</b>		
ED-452	INTERNSHIP SEMINAR	1.00

ED-460	PROFESSIONAL INTERNSHIP IN EDUCATION 6-12	12.00
	<b>Credits</b>	<b>13.00</b>
	<b>Total Credits</b>	<b>39.00</b>

Graduates with a BA/BS in Social Science-History: Secondary Education go on to obtain careers in a variety of fields:

- Secondary History Teacher (6-12)
- Adult and Continuing Education
- Training Specialist
- Business and Industry
- Research
- Human Services
- Instructional Coach
- Historian
- Politics

## Minors

### Early Childhood Special Education

The Early Childhood Special Education minor prepares individuals to work with young children with exceptional needs in early childhood settings. This program prepares generalists, not specialists, in any one area. Students interested in this minor will need to integrate the special education courses into their program and complete a 6-credit internship. This minor does not lead to endorsement in K-12 Special Education.

This minor is intended for students who are completing the Early Childhood Development AAS (<http://catalog.lcsc.edu/professional-technical-programs/business-technology-service-division/associate-applied-science-degrees/early-childhood-development/#text>) and General Studies: Early Childhood Education (<http://catalog.lcsc.edu/professional-studies/teacher-education-mathematics-division/baccalaureate-degrees/general-studies-education-ba-bs/>) BS/BA programs. Students desiring additional information should contact a member of the Special Education faculty within the Division of Teacher Education and Mathematics.

### Program Requirements

Code	Title	Credits
SE-322	INCLUSION STRATEGIES K-12 <sup>1</sup>	3.00
RE-301	PSYCHOLINGUISTICS, LITERACY, AND LANGUAGE ACQUISITION	3.00
RE-303	EMERGENT LITERACY	3.00
SE-477	CONSULTING WITH PARENTS AND PROFESSIONALS	2.00
SE-334	INDIVIDUALIZED MOTIVATION	3.00
SE-484	SPECIAL EDUCATION INTERNSHIP <sup>2</sup>	6.00
<b>Total Credits</b>		<b>20.00</b>

<sup>1</sup> Prerequisite to all SE courses.

<sup>2</sup> Internship requires completion of all Special Education courses.

### Literacy - Teaching Endorsement, Grades K-12

Completion of this endorsement and an approved teacher education program enables graduates to perform the duties of a reading teacher at K-12 levels, and to act as reading resource teachers and consultants on reading improvement in their own buildings. This endorsement is also a valuable addition to all teaching majors at both the elementary and secondary levels, helping prospective teachers learn to deal more effectively with struggling readers in their own classrooms, as well as to encourage reading development and enrichment among all students.

Students should see an advisor for assistance with course selections for a Literacy Endorsement. The Praxis II exam required for a Literacy endorsement is Teaching Reading (#5206).

### Program Requirements

Code	Title	Credits
RE-217	CHILDREN'S LITERATURE AND STORYTELLING <sup>1</sup>	3.00
RE-309	DISCIPLINARY LITERACY	3.00

Requires admission to the Elementary Teacher Education Program or written permission to enroll:

RE-301	PSYCHOLINGUISTICS, LITERACY, AND LANGUAGE ACQUISITION	3.00
RE-303	EMERGENT LITERACY	3.00
RE-307	LITERACY LEADERSHIP	3.00
RE/SE-340	FOUNDATIONAL LITERACY <sup>1</sup>	4.00
RE/SE-342	INTERMEDIATE LITERACY <sup>1</sup>	4.00
<b>Total Credits</b>		<b>23.00</b>

<sup>1</sup> Courses are required as a part of the Elementary Teacher Education Program.

## Mathematics Minor

The minor in Mathematics provides students with an understanding of the concepts and principles of applying computational tools. Students will be exposed to a range of mathematical tools with a specific focus on the techniques that are useful in other fields of study, such as the sciences. The minor is especially valuable for students in Natural and Social Science fields who want to develop a deeper understanding of how mathematics can instruct decisions.

The minor is not solely for Natural Sciences & Mathematics majors. Students from many allied programs, including Kinesiology, pre-Nursing, and Business often pursue minors in mathematics. Students interested in acquiring a math minor for teacher certification should consult with their academic advisor within the Teacher Education & Mathematics Division.

### Program Requirements

Code	Title	Credits
MATH-170	CALCULUS I	4.00
MATH-175	CALCULUS II	4.00
MATH-253	STATISTICAL METHODS FOR THE SCIENCES	3.00
<b>Program Electives</b>		
Select 9 credits of Math courses numbered 157 or higher		9.00
<b>Total Credits</b>		<b>20.00</b>

## Middle School Mathematics Minor

This minor is only available to Teacher Education majors. Students seeking a Middle Level Mathematics (5-9) endorsement with their elementary or secondary certification must take coursework in Algebra, Geometry, and Trigonometry in accordance with State of Idaho certification requirements. Students must also pass the Praxis II exam #5164: Middle School Mathematics. State of Idaho Teacher Certification requirements are subject to change. Students should contact their Education Division advisor to ensure compliance with current certification policies.

### Program Requirements

Code	Title	Credits
MATH-147	COLLEGE ALGEBRA AND TRIGONOMETRY	5.00
MATH-157	MATHEMATICS FOR ELEMENTARY TEACHERS I	4.00
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	4.00
MATH-285	EUCLIDEAN GEOMETRY	3.00
ED-447	TEACHING METHODS IN THE CONTENT AREA	2.00
Select one of the following:		3.00-4.00
MATH-153	STATISTICAL REASONING	
MATH-267	MATHEMATICS FOR MIDDLE SCHOOL TEACHERS	
<b>Total Credits</b>		<b>21.00-22.00</b>

## Middle School Science Minor

This minor is only available to Teacher Education majors. Students seeking Idaho's Science – Middle Level (Grades 5-9) endorsement with their elementary or secondary certification must take coursework in Biology, Earth Science, and Physical Science that include lab components. Students must also pass the Praxis II exam #5440: Middle School Science. State of Idaho Teacher Certification requirements are subject to change. Students should contact their Education Division advisor to ensure compliance with current certification policies.



## Program Requirements

Code	Title	Credits
BIOL-181	ECOLOGY, EVOLUTION, DIVERSITY OF LIFE	4.00
CHEM-100	CONCEPTS OF CHEMISTRY	4.00
GEOL-120	INTRODUCTION TO EARTH SYSTEMS	4.00
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR	4.00
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS	4.00
Select 4 credits of BIOL 100/200 level		4.00
<b>Total Credits</b>		<b>24.00</b>

## Middle School Social Studies Minor

This minor is only available to Teacher Education majors. Students seeking Idaho's Science – Middle Level (Grades 5-9) endorsement with their elementary or secondary certification must take coursework in Biology, Earth Science, and Physical Science that include lab components. Students must also pass the Praxis II exam #5440: Middle School Science. State of Idaho Teacher Certification requirements are subject to change. Students should contact their Education Division advisor to ensure compliance with current certification policies.

## Program Requirements

Code	Title	Credits
ECON-201	PRINCIPLES OF MACROECONOMICS	3.00
ECON-202	PRINCIPLES OF MICROECONOMICS	3.00
ED-447	TEACHING METHODS IN THE CONTENT AREA	2.00
GEOG-102	INTRODUCTION TO GEOGRAPHY	3.00
GEOG-380	CULTURE AND ENVIRONMENT	3.00
HIST-101	WORLD HISTORY I	3.00
HIST-102	WORLD HISTORY II	3.00
HIST-111	UNITED STATES HISTORY I	3.00
HIST-112	UNITED STATES HISTORY II	3.00
POLS-101	AMERICAN NATIONAL GOVERNMENT	3.00
POLS-200	SOCIAL AND POLITICAL PHILOSOPHY	3.00
<b>Total Credits</b>		<b>32.00</b>

## Special Education - Standard Exceptional Child Certificate with Generalist Endorsement, Grades K-12

The Special Education program prepares generalists rather than specialists in any one area of special education. Students interested in the endorsement of Exceptional Child Generalist K-12 must integrate the special education courses and internship into their elementary or secondary education program. Obtaining the Exceptional Child Generalist endorsement enables a special education teacher to work with students with special and individual needs in grades K-12 in a resource program or through inclusion in a regular classroom.

Teacher candidates must complete a major endorsement in either Elementary Education (All Subjects K-8) or Secondary Education (*Specific Content Area* 6-12). For endorsement, students must also pass the Praxis II exam #5543-Special Education: Core Knowledge and Mild to Moderate Application.

## Program Requirements

Code	Title	Credits
SE-322	INCLUSION STRATEGIES K-12 (prerequisite to all SE courses) <sup>1</sup>	3.00
SE-332	INDIVIDUALIZED ASSESSMENT	3.00
SE-333	INDIVIDUALIZED INSTRUCTION	3.00
SE-334	INDIVIDUALIZED MOTIVATION	3.00
SE-335	SPECIAL EDUCATION FIELD EXPERIENCE	1.00
SE/RE-340	FOUNDATIONAL LITERACY <sup>1</sup>	4.00
SE/RE-342	INTERMEDIATE LITERACY <sup>1</sup>	4.00
Select one of the following:		2.00
SE-407	ADAPTIVE TEACHING 6-12	

SE-428 & SE-431	ADAPTIVE TEACHING I and ADAPTIVE TEACHING II <sup>1</sup>	
SE-477	CONSULTING WITH PARENTS AND PROFESSIONALS	2.00
Internship Requirements		
SE-484	SPECIAL EDUCATION INTERNSHIP <sup>2</sup>	6.00
SE-484 substitutes for 6 credits of the following:		
ED-429	PROFESSIONAL INTERNSHIP IN EDUCATION K-8, II <sup>1</sup>	
ED-460	PROFESSIONAL INTERNSHIP IN EDUCATION 6-12 <sup>1</sup>	
<b>Total Credits</b>		<b>31.00</b>

<sup>1</sup> These courses are required as a part of the Elementary Teacher Education Program.

<sup>2</sup> Internship requires admission to the Teacher Education Program and completion of all Special Education courses.

# STUDENT AFFAIRS

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## Contact Information

**Vice President for Student Affairs:** Andrew T. Hanson, PhD

**E-mail:** [studentaffairs@lcsc.edu](mailto:studentaffairs@lcsc.edu)

**Office:** RCH 112

**Phone:** 208-792-2218

**FAX:** 208-792-2314

**Web:** [www.lcsc.edu/student-affairs](http://www.lcsc.edu/student-affairs) (<http://www.lcsc.edu/student-affairs/>)

The philosophy of Student Affairs is that student-centered, student-focused services contribute to the overall success of each LC State student. Student Affairs' function is to identify qualified students to enroll at the college and guide the campus community to provide the support necessary to facilitate both the enrollment process and the transition to college life. Networking and partnering with all members of the campus community, the goal of Student Affairs is to promote academic and personal success.

Student Affairs is made up of 17 key service units:

1. Admissions
2. The Advising Center
3. College Assistance Migrant Program (CAMP)
4. Coeur d'Alene Student Services
5. Dining/Food Services
6. First Year Experience
7. International Programs
8. Native American, Minority & Veterans' Services
9. Registrar and Records
10. Residence Life
11. Student Financial Services (Financial Aid & Student Accounts)
12. Student Union Building/Center for Student Leadership & Dining Services
13. Student Counseling Center/Student Health Services
14. Student Employment, Career Center & LC Work Scholars
15. TRiO Educational Talent Search
16. Student Success Center (including Food Pantry)
17. Vice President for Student Affairs

## Student Development Curriculum

The Vice President for Student Affairs serves as the official Chair of the Student Development curriculum, which includes co-curricular classes (e.g., student government internships) and student success classes including *Introduction to College Studies*, and *New Student Orientation*.

## Institutional Development Grant

Each fall and spring semester, faculty and staff may apply for grant monies to assist student groups with special projects and/or travel. A portion of student fees is allocated to the category of Institutional Development and is used to augment selected educational activities. These funds are to be used solely to enhance the educational experience of students enrolled in any Lewis-Clark State College program and are awarded through an internal competitive grant application process. A committee comprised of student leaders determines which projects are funded. For more information visit [www.lcsc.edu/institutional-development-grant](http://www.lcsc.edu/institutional-development-grant) (<http://www.lcsc.edu/institutional-development-grant/>).

## New Student Orientation

New Student Orientation is a required program for all new, degree-seeking students. Students earn one college credit by registering for SD-107 - New Student Orientation (or SD-307 for transfer students), a class that meets weekly to provide additional support to new students. At New Student Orientation, students are provided with information about key campus services. Students are also introduced to faculty members who teach in their intended major. Family and friends are treated to special sessions in which they are advised about creating a strong personal support system with and for the new students. For more information visit [www.lcsc.edu/orientation](http://www.lcsc.edu/orientation) (<http://www.lcsc.edu/orientation/>).

## The Moss Family Fund

The Moss Family Fund is designated in honor of the late Oma and Van L. Moss. Mrs. Moss was employed by the college for twenty-three years and Mr. Moss was a former faculty member. The Moss Fund program is for students with an emergency/crisis. The temporary loan is available for up to \$75 with a time limit for repayment of one month. When requesting a loan, the student will sign a repayment agreement. As long as the student is in compliance with repayment he/she may receive a new loan. Loan request forms must be approved by the Vice President for Student Affairs or his/her designee. Loans are available to current degree-seeking students only.

## The Rose Ann Hopkins Trust

The Rose Ann Hopkins Trust of Lewiston, Idaho, the Lewis-Clark State College Foundation, and Lewis-Clark State College have established a fund in support of student loans/scholarships. This fund is used to fund educational loans and scholarships in the name of the Settlor, Rose Ann Perott Hopkins, class of 1935. Loans are available for up to \$250 with a time limit for repayment of one month. Loan request forms must be approved by the Vice President for Student Affairs or his/her designee. Loans are available to current degree-seeking students only.

## Student Affairs Emergency Fund

Established in 2020, this fund provides eligible students with assistance in resolving financial issues that would otherwise impact their ability to remain enrolled at LC State. Prior to completing a loan request form, students should contact the Student Accounts office to determine their eligibility for this loan. If referred by Student Accounts, loan request forms must be approved by the Vice President for Student Affairs or his/her designee. Loans are available to current degree-seeking students only.

## Food Insecurity

Sodexo and Swipe Out Hunger are partnering to combat food insecurity. Food insecurity is not having reliable access to a sufficient quantity of affordable nutritious food. Any student who does not have a Standard Meal Plan is eligible for this program. Applications can be submitted via the Student Affairs Support for Students (<https://www.lcsc.edu/student-affairs/support-for-students/>) website. Students are able to access the college's food pantry as well.

## Discrimination

Lewis-Clark State College is committed to maintaining a working and learning environment that is free from unlawful discrimination and to providing an environment that emphasizes the dignity and worth of every member of its community. Such an environment is necessary to maintain a healthy learning, working, and living atmosphere because discrimination undermines human dignity, mutual respect, and the positive connection among all people at our college. LC State will not discriminate on the basis of race, color, religion, creed, age, sex/gender (including gender identity, sexual orientation, and pregnancy), national origin, physical or mental disability, marital status, protected veteran status, and/or genetic information. Additionally, LC State will not tolerate any form of discrimination, harassment, or retaliation against any member of the LC State community, and will take appropriate action against a student or college employee who are found to have engaged in discriminatory or retaliatory conduct.

Incidents of alleged discrimination committed by any member of the college community will be investigated by the institution's Title IX Coordinator.

## Sexual Harassment/Title IX

Sexual Harassment/Title IX is reviewed, updated, and published annually. The most up-to-date version is published in Policy 3.110 at <https://www.lcsc.edu/policies> (<https://www.lcsc.edu/policies/>).

## Racial Harassment

Students have the right to be free from unlawful racial harassment on college property and off college property during a college related activity. LC State will not tolerate racial harassment. Incidents of alleged racial harassment committed by one LC State student toward another fall under the provisions of the Student Code of Conduct (Vice President for Student Affairs). Incidents which involve alleged racial harassment of a student by a member of the college staff fall under the jurisdiction of the Campus Affirmative Action Officer (Human Resource Services). See the definition of "Harassment" in Policy 3.110 at <https://www.lcsc.edu/policies> (<https://www.lcsc.edu/policies/>).

## Academic Affairs

Students have responsibility for selecting a major field of study, for choosing an appropriate degree program within the discipline, for planning class schedules, and ultimately for meeting the requirements for their degrees. The college will provide advisors to assist students in academic planning, but students are responsible for obtaining copies of appropriate academic bulletins and being thoroughly familiar with all academic requirements, which must be met for a degree. To meet the college's mission, it is expected that students will be active, engaged, and collaborative learners, who fully respect the rights of other members of the college community, who participate in educational opportunities in the classroom and beyond, and who take advantage of opportunities to learn with and from others.

There are several statements of expectations to guide students in becoming successful students. The catalog has one such statement. Students will find additional guidance from programs of study program and in classroom materials.

Students have the right to have college classes conducted under the following provisions:

- Faculty will clearly state course outcomes/goals, assignments/testing, and grading which should be in alignment with the course intention (or purpose) and academic level.
- Faculty will plan and regulate class time with an awareness of its value for every student.
- Faculty will be available to students and will announce and maintain regular office hours.
- Faculty will strive to generate respect and understanding for academic freedom by students.
- Faculty will strive to create an environment in which students may raise relevant issues, doubts, or alternative opinions during classroom discussion, without concern for academic sanctions.
- Faculty will be sensitive to students' personal or political beliefs expressed in a private manner in connection with coursework.
- Faculty will protect student information, such as grades and class standing, in accordance with FERPA.

## Student Rights and Responsibilities

Students have the right to a clear statement of their basic rights, responsibilities and Student Code of Conduct. They have the right to assist in formulating college policy by representation on various college committees. Students also have the right to be represented by a student government.

For more information on other student rights and responsibilities visit <https://www.lcsc.edu/student-affairs/student-rights-responsibilities> (<https://www.lcsc.edu/student-affairs/student-rights-responsibilities/>).

1. Students may form, join, and participate in groups which promote the common intellectual, religious, social, economic, political, recreational or cultural life of campus. The college believes group activities to be a positive educational vehicle and recognizes the right of student groups to discuss, express opinions, to assemble, write, and publish within state and federal constitutional guarantees and laws.
2. A student group may be authorized to use college facilities if its officers and a majority of its members are currently enrolled at LC State.
3. Students and student groups are free to engage in peaceful and orderly protests and demonstrations which do not disrupt functions of the college, subject to reasonable assumptions concerning time, place, and manner. In all cases the educational purpose and process of the college must not be disrupted by protests and demonstrations.
4. Students who publish student publications under college auspices have the right to be free from unlawful censorship. However, students who publish such documents must observe the recognized canons of responsible journalism, including the avoidance of libel, indecency, undocumented allegations, attacks on personal integrity, and the techniques of harassment and innuendo. Student editors and managers may not be removed because of general faculty, administrative, student or public disapproval. They may be suspended or removed from their positions for proper cause by the committee responsible for their appointment.
5. Students who publish student publications which are not sponsored or financially supported by the college may distribute the publications to students on college property subject to reasonable assumptions concerning time, place, and manner of distribution.

## Student Right-To-Know

The Student Right to Know Act requires institutions receiving Title IV funding disclose certain information, including institutional graduation rates, athlete graduation rates, financial assistance awarded, and crime statistics. Specific guidelines exist as to the method and timing for reporting and disclosure to potential students, current students and employees. Institutions are required to provide enrolled students a list of the information to which the students are entitled upon request. The Higher Education Act (HEA) specifically requires that institutions provide the list annually to all enrolled students. The data can be accessed from the Consumer Information web page at [www.lcsc.edu/consumer-information](http://www.lcsc.edu/consumer-information) (<http://www.lcsc.edu/consumer-information/>).

## Drug-Free Schools and Campuses Act

LC State maintains an ongoing substance abuse prevention program that currently consists of educational, early intervention, enforcement, and environmental strategies in compliance with the Education Department General Administrative Regulations (EDGAR) Part 86 mandate to provide an "alcohol and other drug" (AOD) prevention program to the campus community. In addition, the college publishes a biennial report that includes an assessment of its AOD prevention programs as well as institutional data on AOD policy violations. The data can be accessed from the Consumer Information web page at [www.lcsc.edu/consumer-information](http://www.lcsc.edu/consumer-information) (<http://www.lcsc.edu/consumer-information/>).

## Student Grievance

Students have the right to file formal complaints or grievances about any aspect of their experiences at Lewis-Clark State College. The Vice President for Student Affairs shall be the primary point-of-contact for all LC State students who wish to file a grievance or otherwise share concerns about the college. Grievances may be filed with the Vice President for Student Affairs either in person, in writing or electronically at [https://lcsc.co1.qualtrics.com/jfe/form/SV\\_7NAeBGP8jmcdJAN](https://lcsc.co1.qualtrics.com/jfe/form/SV_7NAeBGP8jmcdJAN) ([https://lcsc.co1.qualtrics.com/jfe/form/SV\\_7NAeBGP8jmcdJAN/](https://lcsc.co1.qualtrics.com/jfe/form/SV_7NAeBGP8jmcdJAN/)). Once a complaint is

received it will be reviewed by the Vice President to determine the nature of the grievance and appropriate office to assist the student with resolving the grievance.

The student disciplinary procedures are reviewed, updated, and published annually in the Student Handbook. The most up-to-date version is published on the Student Affairs (<https://www.lcsc.edu/student-affairs/>) (<http://www.lcsc.edu/student-affairs/student-code-of-conduct/>) website under the Student Code of Conduct (<https://www.lcsc.edu/student-affairs/student-code-of-conduct/>).

The Student Code of Conduct (<https://www.lcsc.edu/student-affairs/student-code-of-conduct/>) is reviewed, updated, and published annually in the Student Handbook. The most up-to-date version is published on the Student Affairs (<http://www.lcsc.edu/student-affairs/student-code-of-conduct/>) website.

## Accessibility Services

### Contact Information

**Director:** Dawn Lesperance

**E-mail:** [accessibilityservices@lcsc.edu](mailto:accessibilityservices@lcsc.edu) ([disabilityservices@lcsc.edu](mailto:disabilityservices@lcsc.edu))

**Office:** LIB 161

**Phone:** 208-792-2677

**Web:** <https://www.lcsc.edu/accessibility-services/>

## Accessibility Services

Accessibility Services was created to establish a campus environment that is accessible and inclusive to students with temporary or long-term disabilities. A student who self identifies to the Accessibility Services office will meet with staff to assess the nature of the disability and how it interferes with the student's ability to make progress in an educational setting. To better help the student succeed in their courses and to have optimal accessibility to campus resources and services, accommodations and/or adjustments may be assigned. In all cases, reasonable accommodations and adjustments will be determined on a case-by-case basis. Some of the specific adjustments or accommodations include, but are not limited to, physical accessibility accommodations, academic adjustments, auxiliary aids, audio textbooks, and assistance with note-taking, readers, and sign language interpreters. Accessibility Services also assists students with some housing related accommodations, including emotional support animals and meal plan accommodations.

Documentation related to the nature of the disability is required. Verification of accommodations the student received in previous academic settings is also useful for this process to assure that the student receives the best services possible. This information should be presented to the Accessibility Services office before the first scheduled meeting. At times, additional documentation may be requested in order to make a final determination of whether a student qualifies for services and/or to complete the accommodation process for the student.

Students are strongly encouraged to notify the Accessibility Services office before their arrival on campus to make an appointment to discuss documentation and our services. All information is kept confidential unless a release of information is signed by the student in compliance with FERPA (Family Educational Rights & Privacy Act) guidelines.

## Admissions Office

### Contact Information

**Director:** Soo Lee Bruce-Smith, MS

**E-mail:** [admissions@lcsc.edu](mailto:admissions@lcsc.edu)

**Office:** RCH 102, RCH 114

**Phone:** 208-792-2210, 208-792-2378

**FAX:** 208-792-2876

**Web:** <http://www.lcsc.edu/admissions/>

The Admissions Office coordinates all processes involved with admission to the college. It provides a variety of services including application processing, admitting, and communication management. The office also engages in the recruitment of all domestic traditional, transfer, and adult students by developing marketing materials, coordinating campus visitation programs, telecounseling, and participating in various outreach activities.

The office also coordinates the New Student Orientation program.

## Applying for Admission

Students may apply to Lewis-Clark State College by filling out an online or paper application from the Admissions website: [www.lcsc.edu/admissions](http://www.lcsc.edu/admissions) (<http://www.lcsc.edu/admissions/>).

**Application Deadlines:** Fall semester: August 8; Spring semester: January 8.

LC State provides opportunities for post-secondary school education and training to all qualified applicants in a variety of degree and non-degree programs. When applying for admission, applicants generally fall into one of the following admission categories: Academic Degree-Seeking, Career Technical Education Degree-Seeking, Returning, Non-Degree-Seeking, Dual Credit, Graduate, International, and Bridge Pathway. When admission documents have been received, the applicants file will be reviewed based on the admission standards of one of these categories.

When applying for admission, students are required to complete the residency section on the application. Based on the information provided, a residency status (either Idaho resident, Asotin County, or non-resident) is determined. Students who disagree with the residency status can appeal by completing the Idaho Residency Determination Worksheet form, which is available from the Registrar and Records Office or online at [www.lcsc.edu/registrar](http://www.lcsc.edu/registrar) (<http://www.lcsc.edu/registrar/>).

## Transfer Student Additional Information

### EVALUATION OF TRANSFER CREDITS

For complete transfer policies and processes, visit <http://www.lcsc.edu/admissions> (<http://www.lcsc.edu/admissions/>).

**Transfer credit evaluation is typically completed approximately 14 business days after the student is admitted.**

Upon admission to Lewis-Clark State College and receipt of the applicant's official transcripts, college level courses completed at any United States post-secondary institution accredited by an agency recognized by the State Board of Education (SBOE) will normally be accepted. Credit for courses graded with all passing letter grades including P (passing), S (satisfactory), and D- will be accepted toward the satisfaction of degree and credential requirements (Transfer courses graded with a D- will be entered as grades of D for calculation purposes since LC State does not have a grade of D-). Transfer credit is not limited to those courses that precisely parallel courses offered at LC State. Credit is usually granted for all courses which reasonably correspond to one of the various programs offered by the college. Staff in the Registrar and Records Office and Admissions Office evaluates applicant transcripts to determine which courses transfer as General Education Core only. Transfer credits, which may apply toward an intended major, will be evaluated by the student's faculty advisor.

Students are responsible for meeting the individual requirements of their chosen major and should visit with their advisor as soon as possible to begin the evaluation process. Also, students may view their Transfer Equivalency Report on WarriorWeb: [warriorweb.lcsc.edu](http://warriorweb.lcsc.edu) (<http://warriorweb.lcsc.edu>). Credit is not accepted for courses evaluated as developmental. Transfer credits are not included in the calculation of a student's GPA at Lewis-Clark State College, but will be used to calculate graduation honors. Please visit [www.lcsc.edu/admissions](http://www.lcsc.edu/admissions) (<http://www.lcsc.edu/admissions/>) for more transfer student information, including course equivalency guides showing how courses will transfer from select accredited colleges and universities. Transcripts are legal documents, and as such, once received they become the property of the college and cannot be copied, returned or forwarded. Transfer equivalency reports are subject to change.

## Idaho College Admission Core Standards (for graduating high school seniors)

### Secondary Language Arts and Communication

Eight credits minimum requirement. Required for both Academic and Career Technical Education programs.

Composition, Literature, Oral Communication

### Mathematics

Six credits minimum requirement, including Integrated Mathematics, Applied Math, Business Math, Algebra, Geometry, Trigonometry, Fundamentals of Calculus, Probability and Statistics, Discrete Mathematics, and courses in Mathematical Problem Solving and Quantitative Reasoning. Eight credits strongly recommended. Career Technical Education students must complete four credits with six credits recommended.

Courses not identified by traditional titles (i.e. Algebra I or Geometry) may be used as long as they contain all of the critical components of higher math functions prescribed by the State Mathematics Content Standards.

### Social Studies

Five credits minimum requirement. Not required for Career Technical Education students.

American Government (state and local), Geography, U.S. History, and World History. Other courses may be selected from Economics, including Consumer Economics, if it aligns to the state content standards, Psychology, and Sociology.

### Science

Six credits minimum requirement. Career Technical Education students must complete four credits with six credits recommended.

Secondary sciences include instruction in Applied Sciences, Earth and Space Sciences, Physical Sciences, and Life Sciences. A maximum of two credits may be derived from career technical science courses when courses are aligned to state career and technical content standards, and/or Applied Biology, and/or Applied Chemistry.

Institutions may recognize other science courses as meeting this requirement if those courses are taken in compliance with the Idaho state minimum graduation requirements.



Must have laboratory science experience in at least two credits.

A laboratory science course is defined as one in which at least one class period per week is devoted to providing students with the opportunity to manipulate equipment, materials, or specimens; to develop skills in observation and analysis; and to discover, demonstrate, illustrate, or test scientific principles or concepts.

### **Arts and Humanities (including world languages)**

Two credits minimum requirement. Not required for Career Technical Education students.

Visual Arts, Music, Theatre, Dance, or World Language aligned to the Idaho content standards for those subjects. Other courses such as Literature, History, Philosophy, Architecture, or Comparative World Religions may satisfy the humanities standards if the course is aligned to the Interdisciplinary Humanities Content Standards. History courses beyond those required for state high school graduation may be counted toward this category.

World Language is strongly recommended. The Native American Languages may meet the world language credit requirement.

### **Other College Preparation**

Three credits minimum requirements. Not required for Career Technical Education students.

Speech or debate (no more than one credit). Debate must be taught by a certified teacher.

Studio/Performing Arts (art, dance, drama, and music).

Foreign Language (beyond any foreign language credit applied in the Humanities/Foreign Language category).

Secondary Career Technical courses (no more than two credits) in Agricultural Science and Technology, Business Technology Education, Computer Science Technology, Engineering, Family and Consumer Sciences, Marketing Technology Education, Technology Education, and individualized occupational training.

NOTE: High school credit counted in one category (e.g. Humanities/World Languages) may not count in another category.

## **Outreach Activities**

Students are recruited from high schools and community colleges in Idaho, Oregon, Washington, Montana, Nevada, Alaska and Hawaii. Staff members also represent the college at a variety of community-based events and regional businesses.

## **Campus Visitations**

The Admissions Office coordinates campus visitations for prospective students. A visitation may include a campus tour, meeting with a faculty advisor, attending a class, staying overnight in the residence halls, participating in campus events, and meeting with an enrollment specialist. Special visitations are also available for larger groups of students with common interests or objectives. Students are encouraged to schedule a visitation at least one week in advance and during the academic school year.

## **Warrior Discovery Day**

High school juniors and seniors can personally experience LC State by participating in our preview event, Warrior Discovery Day. This program allows students to experience life on campus by meeting current students and faculty advisors and checking out campus activities available to them. Discovery Day includes large group activities, an information session for parents, lunch, and a tour of campus and residence halls.

## **Student Shadows**

Students interested in Career Technical Education programs in the Technical & Industrial Division ([www.lcsc.edu/ti](http://www.lcsc.edu/ti) (<http://www.lcsc.edu/ti/>)) are encouraged to schedule a student shadow. The shadow provides students the opportunity to see firsthand what the programs have to offer. Students will tour their program(s) of choice and meet with current students and faculty.

## **New Student Orientation**

New Student Orientation is a required program for all new degree-seeking students. The activities are designed to help students understand class attendance policies, federal financial aid, and federal consumer information disclosures.

## **Academic Degree-Seeking Applicants**

### **Freshman - Regular Admission**

*Applicants with less than 14 transferable semester credits after high school are required to demonstrate the following:*

1. Proof of high school graduation from an accredited high school<sup>1</sup> with a minimum 2.0 cumulative GPA, and
2. Official college/university transcripts (when applicable), and



3. Successful completion of the Admissions Standards Core Courses (see catalog overview page) set by the Idaho State Board of Education (applicants who graduated from high school prior to 1989 will be subject to the admission standards at the time of their graduation).

It is recommended that academic applicants take the ACT/SAT or ALEKS math placement test and Writing Placement Exam for English/math placement.

**Direct Admission:** Students attending an Idaho public school, or Idaho private school that has entered a Direct Admission participation agreement with the Board, may be notified of their admission to an Idaho public college or university through the State Board's Direct Admission program. Admission awarded through the program is contingent on the verified level of achievement in high school curriculum and successful completion of Idaho high school graduation requirements. Students will be required to submit proof of high school GPA if the information is not provided through Apply Idaho. A final high school transcript is required for full admission.

- <sup>1</sup> LC State requires applicants to provide official documentation in the form of a high school transcript in order to be evaluated for admission. If the college receives a high school diploma only, or a diploma of questionable validity, the applicant will be instructed to provide official high school transcripts, and/or other documentation proving the authenticity of high school graduation. If the requested documentation is not provided, admission will be denied.

### Provisional Admission

*If an applicant does not qualify for regular admission, they may be considered for provisional admission by satisfying one of the following criteria:*

1. Proof of high school graduation with less than a 2.0 cumulative GPA, or
2. Graduated from a secondary school accredited by a body recognized by the Board but has not completed the Admissions Standards Core Courses, or
3. Did not graduate from a secondary school accredited by a body recognized by the Board, including home schooled students, and has acceptable performance on either the General Education Development (GED) test (standardized score of 600, 500 on 2002-2013 test, or 50 prior to 2002 test), or another standardized diagnostic test accepted by the institution, or
4. Deserves consideration by the institution because of a special status (e.g., disadvantaged or minority students, delayed entry students, returning veterans, or talented students wishing to enter college early).

A student seeking provisional admission must take at least one (1) assessment indicator that will allow the institution to assess competency and placement.

If provisionally admitted, the student will enroll with provisional standing and is subject to the institutional grade retention. A provisionally admitted student may change to regular admission status upon satisfactory completion of 14 baccalaureate-level credits, 12 credits of which must be general education courses while maintaining a 2.0 GPA. Regular admission status must be attained within three registration periods (summer sessions are excluded), or the student will be moved to non-degree seeking status, limited to 11 credits per semester and not be eligible for financial aid; subject to Petition Committee appeal procedures.

### Home School or Non-Accredited High School Graduates

*Students who graduate from non-accredited secondary schools or home schools are admitted under provisional admission and are required to demonstrate the following:*

1. Transcript:
  - Home school transcript or a description of educational background including subjects studied and date of graduation with a minimum 2.0 cumulative GPA; or
  - Non-accredited high school transcript with a minimum 2.0 cumulative GPA; or
  - GED test results with a standard score of 600 (500 on 2002-2013 test or 50 prior to 2002 test).
2. Official transcripts from any secondary school attended prior to or in addition to home schooling with at least a 2.0 cumulative GPA.
3. Official college/university transcripts (when applicable).
4. Career and Technical applicants: See provisional admission under Career and Technical Degree-Seeking Students section.

It is recommended that academic applicants take the ACT/SAT or ALEKS math placement test and Writing Placement Exam for English/math placement.

### Transfer Students

Any applicant who was not in good standing, either academically or through disciplinary processes, at a prior institution may not be admitted. Applicants who were not in good standing will be required to complete a petition to be considered for admission.

### Regular Admission

*Applicants with at least 14 transferable semester credits and either graduated from high school or earned a GED are required to demonstrate the following:*

1. An overall 2.0 cumulative GPA from all college transcripts.
2. Applicants who do not meet the GPA requirement may petition to the Director of Admissions to be considered for admission. If admitted, the student will be placed on probational admission. Students are required to complete the first semester with a 2.0 cumulative GPA or may be dismissed from the institution.

NOTE: Transfer equivalencies will be evaluated by the Office of Registrar and Records. The Admissions Office checks the National Student Clearinghouse to ensure all previously attended colleges/universities are listed in the applicant's admission file.

## Career and Technical Education Degree-Seeking Students

### Freshman - Regular Admission

*Applicants with less than 14 transferable semester credits after high school are required to demonstrate the following:*

1. Proof of high school graduation from an accredited high school<sup>1</sup> with a minimum 2.0 cumulative GPA, and
2. Official college/university transcripts (when applicable), and
3. ALEKS math placement test and Writing Placement Exam, or ACT/SAT test scores<sup>2</sup>, and
4. Successful completion of the Admission Standards Core Courses set by the Idaho State Board of Education (see catalog overview page).

<sup>1</sup> LC State requires applicants to provide official documentation in the form of a high school transcript in order to be evaluated for admission. If the college receives a high school diploma only, or a diploma of questionable validity, the applicant will be instructed to provide official high school transcripts, and/or other documentation proving the authenticity of high school graduation. If the requested documentation is not provided, admission will be denied.

<sup>2</sup> Test scores will be used to determine course placement in Math and English composition and program placement.

### Provisional Admission

Career and Technical Education applicants who do not meet all the requirements for regular admission may be admitted to the college on a provisional admission status. This includes students who graduated from a non-accredited secondary school or home school. Students must successfully complete appropriate remedial, general, and/or technical education coursework related to the career and technical program for which regular admission status is desired, and to demonstrate competence with respect to that program through methods and procedures established by the technical college.

If admitted with provisional standing, the student is subject to the institutional academic standing policies described in the provisional admission section under academic degree-seeking applicants.

Career and Technical Education students may be denied admission based on high school transcript grade point average, GED score or non-completion of the Admission Standards Core Courses.

### Transfer Students

Any applicant who was not in good standing, either academically or through disciplinary processes, at a prior institution may not be admitted. Applicants who were not in good standing will be required to complete a petition to be considered for admission.

### Regular Admission

*Applicants with at least 14 transferable semester credits and either graduated from high school or earned a GED are required to demonstrate the following:*

1. An overall 2.0 cumulative GPA from all college transcripts.
2. The ALEKS math placement test and Writing Placement Exam are required if the applicant has not taken math and/or English courses at a previous institution.
3. Applicants who do not meet the GPA requirement may petition to the director to be considered for admission. If admitted, the student will be placed on probational admission. Students are required to complete the first semester with a 2.0 cumulative GPA or be dismissed from the institution.

NOTE: Transfer equivalencies will be evaluated by the Office of Registrar and Records. The Admissions Office checks the National Student Clearinghouse to ensure all previously attended colleges/universities are listed in the applicant's admission file.

### Pre-Career and Technical Education Program Advising

All Career and Technical Education admitted applicants will complete a Career and Technical student intake process as part of their initial registration session. During the intake process, students will learn about specific program requirements, placement into English and math courses, tools/supplies needed, and courses they will take during their first semester. The intake process can be completed prior to registration, at the student's request.

NOTE: Though physical fitness is not a condition of enrollment, various technical program require strenuous physical performance.

## Career and Technical Placement Criteria

Specific program requirements for the Business Technology and Service Division can be found at <https://www.lcsc.edu/business-technology> (<https://www.lcsc.edu/business-technology/>). Technical and Industrial Division program requirements can be found at [www.lcsc.edu/ti](http://www.lcsc.edu/ti) (<http://www.lcsc.edu/ti/>).

## Returning Students

Students who are returning to LC State after one semester of non-attendance must submit a re-admission application. Upon re-application, the student's residency status will be re-evaluated.

- Students who were eligible to continue at LC State at the time of departure and have not attended another institution since leaving LC State will be readmitted with the same admission status they had when they left.
- Students who were eligible to continue at LC State at the time of departure and have attended another institution since leaving LC State will have their admission file re-evaluated when all transfer transcripts have been received.
- If an academic or career and technical applicant is admitted with provisional standing, the student is subject to the institutional academic standing policies. See Provisional Admission under the academic degree-seeking or career and technical degree-seeking sections.
- If a student attended another institution after attending LC State, is now returning and admitted with probational standing, the student is subject to the institutional academic standing policies.
- If a the student left LC State with a status of suspension, the student must complete a Reinstatement After Suspension form. The form is available on the Registrar and Records website at [www.lcsc.edu/registrar](http://www.lcsc.edu/registrar) (<http://www.lcsc.edu/registrar/>).
- Non-degree seeking applicants who left in good standing and wish to return to LC State as a non-degree seeking student must update their permanent record by submitting a non-degree seeking application (<http://www.lcsc.edu/admissions/applying-to-lcsc/>) online. Non-degree seeking students who were suspended from LC State must fill out a Reinstatement After Suspension form. The form is available at [www.lcsc.edu/registrar](http://www.lcsc.edu/registrar) (<http://www.lcsc.edu/registrar/>).
- Non-degree seeking applicants who would like to return to LC State as degree-seeking students must complete the admission requirements as prescribed in the academic degree-seeking or career and technical degree-seeking sections.

## Non-Degree Seeking Students

Students who do not wish to apply as a degree-seeking student may apply as a non-degree seeking student:

1. Students may register for no more than 11 credits each term and may complete a maximum of 30 credits. Students may petition the Director of Admissions to exceed the semester credit limit or the maximum credit limit.
2. Students are not eligible for financial aid or veteran benefits.
3. Idaho residents age 60 or older may take classes for a reduced fee (Policy 3.130).

If a non-degree seeking student wishes to take a course that requires a pre-requisite, LC State will need an unofficial transcript verifying the pre-requisite has been met or permission from the course instructor before course registration will be allowed.

High school students who wish to enroll as a non-degree seeking student must work directly with the Early College Programs Office.

## High School Students with College Credits

High school/homeschool students taking college courses are required to meet the freshman admission standards described above and are considered as freshmen when entering their first semester at LC State.

Students who earn an associate's degree while in high school are required to submit an official high school transcript (graduation date must be listed) and official transcripts from any college/university attended.

## Tentative Admission

Students who are tentatively admitted are permitted to enroll in classes but will have until pre-registration for the subsequent semester to submit the required information to obtain a final admission status. If the additional documents are not submitted by the designated deadline, registration will not be allowed for the next semester. Students will not receive Financial Aid until they are admitted with a complete admission file on record.

## Denied Admission

Admission to the institution may be denied based on one or more of the following criteria:

- GED standard score below 600 on 2014 test; below 500 on 2002-2013 test or below 50 on test prior to 2002
- Cumulative high school GPA below 1.8
- Cumulative transfer GPA (from all institutions attended) below 1.8

Students who are denied admission have two options:

1. Petition the Director of Admissions. The petition must be submitted by letter and explain any unusual or extraordinary circumstances that prevented the student from meeting LC State's admission standards. Supporting documentation is required, or
2. Apply as a non-degree seeking student, take up to 11 credits each term for a maximum of 30 credits. After six college-level credits have been completed with a 2.0 cumulative GPA, the student may petition to the Director of Admissions to be considered as a degree-seeking student..

## Retention of Admission Records

If a student has submitted admission documents but never submitted an application, the documents will be kept digitally for five years. If a student submits an application after the five year timeframe, the student will be required to re-submit documents (e.g., transcripts and/or test scores).

## Official Transcripts

Official transcripts must arrive in a sealed envelope or in official electronic format directly from the issuing institution. Official transcripts must include full name, institution, grade points, credits, and grade point average. They must be marked official and include a key. Photocopies of transcripts are not considered official.

## International Admission: Bridge Pathway

### Bridge Pathway (English Language Program)

The Bridge Pathway program is designed for students who wish to study at Lewis-Clark State College but have not met the English language proficiency standards for college acceptance. Students must complete the following steps for their admission file:

1. Submit online application, and
2. Pay the non-refundable application fee, and
3. Send a copy of an unexpired passport, and
4. Send official school transcript/records.

Students must show evidence of high school completion or the equivalent.

Students must show a minimum 2.0 cumulative GPA on a 4.0 scale from a high school or college/university. Students with more than 14 transferable college credits do not need to submit a high school transcript. Grade point averages will be calculated by the Admissions Office using guidelines provided by professional organizations and EducationUSA regarding international grade conversion.

Some applicants will be required to submit their original transcripts to an outside evaluation agency, such as World Education Services (WES). This determination will be made by the Admissions Office at their discretion. Students will be responsible to pay for the transcript evaluation.

5. Meet our English proficiency requirements by submitting an official test score:

TOEFL ibt 54  
 TOEFL pbt 480  
 IELTS 4.5  
 Duolingo 80  
 iTEP Academic 3.5  
 PTE Academic 41  
 Eiken 2  
 ACT (English) 15  
 SAT (Evidence-based Reading and Writing) 400

### Completion of BRIDGE PATHWAY

Successful completion of Bridge requires:

- 3.0 cumulative GPA in Bridge courses
- At least a C grade in college class

Once a student successfully completes the Bridge Pathway program, the International Programs Office will notify the Admissions Office. Admissions will admit the student for the following semester.

### Denial OF BRIDGE PATHWAY

Admission to the Bridge Pathway program may be denied based on one or more of the following criteria:

- Cumulative high school GPA below 1.8
- Cumulative transfer GPA (from all institutions attended) below 1.8

- English proficiency score is below requirement
- Prior dismissal from LC State
- Prior suspension from LC State

Applicants who are denied may petition the Director of Admissions. The petition must be submitted by letter and explain any unusual or extraordinary circumstances that prevented the student from meeting LC State's admission standards. Supporting documentation may be required.

## International Degree-Seeking Applicants

### Freshman Students

#### Regular Admission

*Applicants must complete the following steps for their admission file:*

1. Submit online admission application, and
2. Pay the non-refundable application fee, and
3. Send a copy of an unexpired passport, and
4. Send official transcripts/records.

Students must show evidence of high school completion or the equivalent.

Students must show a minimum 2.0 cumulative GPA on a 4.0 scale from high school. Grade point averages will be calculated by the Admissions Office using guidelines provided by professional organizations and EducationUSA regarding international grade conversion.

Some applicants will be required to submit their original transcripts to an outside evaluation agency, such as World Education Services. This determination will be made the by the Admissions Office at their discretion. Students will be responsible to pay for the transcript evaluation.

5. Meet College English proficiency requirements by submitting an official test score:

TOEFL ibt 61  
 TOEFL pbt 500  
 IELTS 5.5 average/5.0 in all bands  
 Duolingo 90  
 iTEP Academic 3.7  
 PTE Academic 44  
 Eiken 2A  
 ELS Completion of Level 112  
 ACT (English) 18  
 SAT (Evidence-based Reading and Writing) 450

#### Provisional Admission

*If an applicant does not qualify for regular admission, he/she may be considered for provisional admission by meeting one of the following criteria:*

1. Less than a 2.0 cumulative GPA
2. English proficiency meets the requirements for the Bridge Pathway program. Applicants who do not meet the language requirement are required to enroll in Bridge.

TOEFL ibt 54  
 TOEFL pbt 480  
 IELTS 4.5  
 Duolingo 80  
 iTEP Academic 3.5  
 PTE Academic 41  
 Eiken 2  
 ACT (English) 15  
 SAT (Evidence-based Reading and Writing) 400

If provisionally admitted, the student will enroll with provisional standing and is subject to the institutional grade retention. A provisionally admitted student may change to regular admission status upon satisfactory completion of 14 baccalaureate-level credits, 12 credits of which must be general education courses while maintaining a 2.0 GPA. Regular admission status must be attained within three registration periods (summer sessions are excluded), or the student will be moved to non-degree seeking status, which will negatively impact immigration status.

Students who are provisionally admitted will receive an I-20 with a notation documenting their provisional admission status.

### TRANSFER STUDENTS

Any applicant who was not in good standing, either academically or through disciplinary processes, at a prior institution may not be admitted. Applicants who were not in good standing will be required to complete a petition to be considered for admission.

### Regular Admission

*Applicants with at least 14 transferable semester credits must complete the following steps for their admission file:*

1. Submit online admission application, and
2. Pay the non-refundable application fee, and
3. Send a copy of an unexpired passport, and
4. Send official transcripts/records.

Students must show evidence of high school completion or the equivalent.

Students must show a minimum 2.0 cumulative GPA on a 4.0 scale from high school. Grade point averages will be calculated by the Admissions Office using guidelines provided by professional organizations and EducationUSA regarding international grade conversion.

Applicants who do not meet the GPA requirement may petition to the director to be considered for admission. If admitted, the student will be placed on probational admission. Students are required to complete the first semester with a 2.0 cumulative GPA or be dismissed from the institution.

Some applicants will be required to submit their original transcripts to an outside evaluation agency, such as World Education Services. This determination will be made by the Admissions Office at their discretion. Students will be responsible to pay for the transcript evaluation.

5. Meet our English proficiency requirements by submitting an official test score:

TOEFL ibt 61  
 TOEFL pbt 500  
 IELTS 5.5 average/5.0 in all bands  
 Duolingo 90  
 iTEP Academic 3.7  
 PTE Academic 44  
 Eiken 2A  
 ELS Completion of Level 112  
 ACT (English) 18  
 SAT (Evidence-based Reading and Writing) 450

## Exceptions to English Proficiency Requirement

Documentation is required:

- Graduation for a U.S. High School and at least three years attendance at a U.S. high school
- Completion of 14 or more transferable credits at an accredited college/university in the U.S. with a GPA of at least 2.0
- Earned associate or bachelor's degree or higher from an accredited U.S. college/university
- Successful completion of the Bridge Program at LC State (or equivalent program) with at least a 3.0 Bridge GPA and a 'C' or higher in their college course
- Student can provide proof that English is the medium of instruction in their country and/or their secondary education (courses, exams) was conducted in English. Approval will be given on a case-by-case basis.

Native English speakers from the following countries/territories are exempt: American Samoa, Anguilla, Antigua and Barbuda, Australia, Bahamas, Barbados, Belize, Botswana, British Overseas Territories, Canada (except Quebec), Dominica, Gambia, Ghana, Grenada, Guyana, India, Ireland, Jamaica, Kenya, Liberia, Namibia, New Zealand, Nigeria, Philippines, Saba, Sierra Leone, St. Eustatius, St. Kitts and Nevis, St. Lucia, St. Maarten, St. Vincent and the Grenadines, South Africa, Trinidad and Tobago, Turks and Caicos Islands, Uganda, United Kingdom (England, Scotland, Wales, Northern Island), U.S. Pacific Trust, U.S. Virgin Islands, Zambia, Zimbabwe.

## International Non-Degree Seeking Applicants

### Exchange Programs

Exchange students come from partner universities. The admission requirements and procedures for exchange program are the same as it is for degree-seeking applicants.

### Study Abroad in Idaho

Study Abroad in Idaho is open to any international student wishing to do a year or semester abroad, or a combination of English and college, depending on the student's level of English. The admission requirements and procedures for Study Abroad in Idaho are the same as it is for degree-seeking applicants.

### **J-1 Sponsored Students**

LC State will receive students who are in the U.S. on a J-1 exchange Visa. These students are typically sponsored by the U.S. Department of State or another third party organization.

Applicants are required to submit the following documents:

- Sponsor's application form (not LC State's application)
- Official transcripts
- English scores or proof of English proficiency

## **Denied Admission International Applicants**

Admission to the institution may be denied based on one or more of the following criteria:

- Cumulative high school GPA below 1.8
- Cumulative transfer GPA (from all institutions attended) below 1.8
- English proficiency score is below requirement
- Prior dismissal from LC State
- Prior suspension from LC State

Applicants who are denied may petition the Director of Admissions. The petition must be submitted by letter and explain any unusual or extraordinary circumstances that prevented the student from meeting LC State's admission standards. Supporting documentation may be required.

## **Deferral International Applicants**

Applicants may defer admission no more than three times. An I-20 reissuance fee is required for each deferral. New financial documents may be required. After deferring three times an applicant will be required to re-apply.

## **I-20 Issuance**

In addition to submitting documents for the admission file, students must submit financial documents (no more than six months old) for I-20 purposes:

1. The amount applicants must demonstrate includes tuition, fees, books, health insurance, and living expenses. Applicants will not receive their I-20 until they show sufficient financial support.
2. Financial documents are defined as original bank statements/letters from a bank and a signed affidavit of support from each sponsor (including parents).
3. Sponsored applicants must submit a 'Certification of Financial Responsibility form' addressed to LC State before an I-20 will be issued.
4. LC State will accept scanned financial documents. However, U.S. embassies and Consulates require original documents to issue student visas.
5. LC State reserves the right to require a refundable tuition deposit as deemed necessary with the initial acceptance to study at LC State. Applicants will receive communication regarding this requirement if necessary.
6. Students must pay for a waybill shipment through eshipglobal to receive their acceptance letter and I-20. This must be sent directly to the student according to US regulation and cannot be picked up by a relative or friend living in the states.

## **New Student Orientation**

All newly admitted degree-seeking students, including international students, must participate in New Student Orientation, regardless of major, campus location, or delivery method (e.g., online), as a condition of enrollment at Lewis-Clark State College. Orientation must be completed prior to the first day of classes. Students who do not meet this requirement may not be permitted to enroll as a degree-seeking student in a subsequent term.

## **College Assistance Migrant Program (CAMP)**

### **Contact Information**

**Director:** Dr. Traci Birdsell

**E-mail:** CAMP@lcsc.edu (camp@lcsc.edu)

**Office:** Reid Centennial Hall, Rm 215

**Phone:** 208-792-2913

**FAX:** 208-792-2782



**Web:** <http://www.lcsc.edu/camp/>

The College Assistance Migrant Program is a unique educational program funded by the U.S. Department of Education, which helps students from qualifying migrant/seasonal farm work backgrounds to enter and succeed in college. CAMP students receive support through tutoring, mentoring, internship and financial aid assistance, and career exploration. Although CAMP financial aid is only offered through the student's first academic year of college, CAMP is committed to providing academic support until graduation.

## Students Must:

- Complete CAMP program application.
- Be enrolled or admitted for enrollment at Lewis-Clark State College.
- Be a U.S. Citizen or U.S. Permanent Resident.
- Be eligible to receive Financial Aid (FAFSA) by completing the FAFSA application at (<https://studentaid.gov/h/apply-for-aid/fafsa/>)<https://studentaid.gov/h/apply-for-aid/fafsa/>
- Desire a four-year or a two-year academic degree.

## And meet ONE of the following:

- The student or one of student's immediate family members has worked as a migrant or seasonal farm worker in the areas of agriculture, dairy, fisheries, or forestry for at least 75 days within the last 24 months. (Farm work is considered activity directly related to the production of crops, dairy products, poultry or livestock; or the cultivation or harvesting of trees; or any activity directly related to fish farms. This farm work includes work performed for either wages or personal subsistence on a farm, ranch, or similar establishment.)
- Student has participated in or is eligible to participate in a Chapter I Migrant Education Program. A copy of the Certificate of Eligibility (COE) form or a letter from a family liaison or school official stating current or previous eligibility will verify participation. COE forms can be obtained from a High School Migrant Coordinator.
- Student is qualified or is eligible to qualify for the Workforce Investment Act 167 Program (WIA 167). Community Council of Idaho provides this service.

Funding: The grant is 100% federally funded from the US Department of Education at \$456,274 annually.

# Financial Aid

## Contact Information

**Director:** Laura Hughes, MS

**E-mail:** [lhughes@lcsc.edu](mailto:lhughes@lcsc.edu)

**Office:** RCH 110

**Phone:** 208-792-2224

**FAX:** 208-792-2063

**Web:** <http://www.lcsc.edu/financialaid/>

The Financial Aid Office provides students, who would otherwise be unable to pursue post-secondary education, with access to financial resources. These resources include grants, scholarships, loans, and part-time work-study employment.

## Application Process

The financial aid process at LC State is designed to help meet the financial need of all eligible students who are enrolled in a degree or certificate program. The form used for determining the family contribution is the Free Application for Federal Student Aid (FAFSA). A FAFSA must be filed each year that a student wishes to be considered for aid. The amount of assistance may increase or decrease from one year to the next depending on the financial circumstances of the student and his or her family. All financial aid applicants must use the FAFSA for federal financial aid. Some students may be required to submit tax transcripts and other documentation, if needed, prior to award determination.

### Student Financial Aid Cost of Attendance<sup>1</sup>

On Campus

	Idaho Resident	Asotin County	Non Resident
Fees	\$7,388	\$11,686	\$21,386
Housing and Food	\$12,330	\$12,330	\$12,330
Books and Supplies	\$1,570	\$1,570	\$1,570
Transportation	\$1,750	\$1,750	\$1,750
Personal Expenses	\$1,680	\$1,680	\$1,680



Loan Fees	\$64	\$64	\$64
Yearly Total	\$24,782	\$29,080	\$38,780

## Off Campus

	Idaho Resident	Asotin County	Non Resident
Fees	\$7,388	\$11,686	\$21,386
Housing and Food	\$10,226	\$10,226	\$10,226
Books and Supplies	\$1,570	\$1,570	\$1,570
Transportation	\$1,750	\$1,750	\$1,750
Personal Expenses	\$1,680	\$1,680	\$1,680
Loan Fees	\$64	\$64	\$64
Yearly Total	\$22,678	\$26,976	\$36,676

## Graduate Students (on campus)

	Idaho Resident	Non Idaho Resident
Fees	\$9,932	\$24,560
Housing and Food	\$12,330	\$12,330
Books and Supplies	\$1,570	\$1,570
Transportation	\$1,750	\$1,750
Personal Expenses	\$1,680	\$1,680
Loan Fees	\$64	\$64
Yearly Total	\$27,326	\$41,954

<sup>1</sup> These are estimated figures for Financial Aid Office purposes and awarding. Additional budget information is available on the Financial Aid webpage (<https://www.lcsc.edu/financial-aid> (<https://www.lcsc.edu/financial-aid/>)). For actual fees/costs contact the Student Accounts Office.

Student financial assistance programs include out-of-state tuition waivers, scholarships, Federal Direct Student Loans, Federal Nursing Loans, Federal, State and Institutional Work-Study Programs, Federal Pell Grants, and Federal Supplemental Educational Opportunity Grants. The basic criteria for selecting financial aid recipients is the student's financial need. Scholastic standing is also criterion for scholarships and waivers. Students receiving financial aid must be enrolled in a degree or certificate program and be making normal academic progress toward that degree or certificate as detailed in the Satisfactory Academic Progress Policy. Priority in the granting of campus based financial aid is given to full-time undergraduate (12 credits per term) academic and technical students.

## Financial Aid Deadlines

An application for financial assistance must be received by the Federal Processor by March 1 to ensure priority consideration for financial aid. Please note that applications will be considered a priority only when both the FAFSA and all admission material have been submitted to LC State by March 1 and any requested documents are submitted to the Financial Aid Office by April 30. Application materials received after the priority service date will receive full consideration, but only to the extent that financial aid funds are available after initial awards have been determined. Awards are granted for one academic year. Determination of subsequent eligibility requires the completion of a renewal application each academic year. A full copy of student rights and responsibilities, financial aid brochures and applications may be obtained from the Financial Aid Office or viewed at [www.lcsc.edu/financialaid](http://www.lcsc.edu/financialaid) (<http://www.lcsc.edu/financialaid/>).

## Earning More Than One Degree

Students may pursue more than one degree simultaneously. Completion of a baccalaureate degree has an extreme effect on student's aid eligibility. Students pursuing more than one baccalaureate degree must see the Financial Aid Director and the Registrar BEFORE making this decision.

## Satisfactory Academic Progress Policy

Federal law says that you must be making "Satisfactory Academic Progress" (SAP) toward a degree for you to be eligible for and to receive federal financial aid funds. These standards apply to all periods of attendance, even periods when you did not receive financial aid.

1. All students must maintain a minimum 2.0 grade point average. We only look at your LC State grade point average for this standard.
2. Students must earn passing grades in at least 67% of credits listed on the transcript, including transferred credits. Incompletes, repeated credits, audits, and grades of F, NC, and K do not count as passing grades.

- All students must complete their degrees within the maximum credits allowed (150% of the published normal length of the academic program). Attempted credits include all graded courses, transferred courses, testing credits, pass/fails, repeats, and other grades listed above. If you have extenuating circumstances (such as an injury, illness, or death of an immediate family member), you may appeal to the Financial Aid Office for an extension to finish your degree. Please visit with the Financial Aid Office to pick up the appropriate appeal form. You may not appeal for an extension until you have been suspended from financial aid.

## Dropping Classes

Attempted credits do not include classes you drop before the last day to add/drop classes. If you need to drop some of your classes before the last day to add/drop, it will not count against your academic progress. However, you may be required to repay some or all of your financial aid. Dropping or withdrawing from classes after the last day to add/drop will affect your academic progress, and you will receive a W grade on your transcript.

## All Failing Grades

Students who receive all failing grades for a term will be immediately suspended from further federal financial aid. Students in this situation may appeal if extenuating circumstances exist. You may be required to return a percentage of your federal financial aid.

## Complete Withdrawal

Withdrawing from all of your classes after the last day to add/drop will affect your academic progress, and you will receive W grades on your transcript. Students who withdraw from all classes will be immediately suspended from further federal financial aid. Additionally, if you completely withdraw from LC State during the course of a semester, you may be required to return a percentage of your federal financial aid.

## Incompletes

Incomplete courses will be counted in attempted credits and as non-satisfactory when determining SAP. It is the student's responsibility to notify the Financial Aid Office when an incomplete is finished. Refer to the catalog for academic treatment of incomplete courses and grading.

## Repeats

Repeat courses will be counted in attempted and completed credits. Financial aid will be paid for repeat courses when initial grade is an "F." Financial aid will only be paid once for a repeat course which was previously passed with a "D-" or higher.

## Remedial Courses

Remedial coursework will be counted in determining financial aid eligibility, enrollment status, and satisfactory academic progress. These courses will be included in maximum timeframe calculations. Remedial courses do not count towards the total number of credits needed for graduation. Students will be limited to no more than thirty (30) remedial credits for financial aid eligibility.

## Timetable for Review

Your academic record will be reviewed when your annual FAFSA form is received, and at the end of each semester, to determine whether you are in compliance with the SAP policy.

## Financial Aid Warning

If you don't earn sufficient credits or if your cumulative GPA drops below the required minimum (2.0 grade point average), you will be placed on financial aid warning. If you are placed on financial aid warning at the end of a semester, you will still be eligible for financial aid for the following semester. Financial Aid Warning is not the same as Academic Warning as referred to in the Admission/Registrar Section of this catalog.

## Financial Aid Suspension

If you are not meeting all SAP requirements at the end of your financial aid warning semester, or if you do not pass at least one class during a semester when you have received federal financial aid, you will be suspended and ineligible to receive further financial aid. Your academic record will be reviewed when your annual FAFSA form is received, and at the end of each semester, to determine whether you are in compliance with the SAP policy. Financial Aid Suspension is not the same as Academic Suspension as referred to in the Admission/Registrar Section of this catalog.

## Regain Financial Aid Eligibility

You can request reinstatement of your eligibility for financial aid if you attend using other resources than Title IV funds, improve your academic record so that you meet all SAP requirements, or submit an appeal to the Financial Aid Office.

## Appeals

In the case of extenuating circumstances (such as injury, illness, or death of an immediate family member), you may appeal your suspension to the Financial Aid Office. The appeal form must be submitted with documentation detailing the circumstances that prevented you from making satisfactory academic progress, and shows how the issues have been resolved. Appeal forms may be picked up from the Financial Aid Office, or obtained online at <https://www.lcsc.edu/financial-aid/financial-aid-forms> (<https://www.lcsc.edu/financial-aid/financial-aid-forms/>). If your appeal is approved, you will be placed on financial aid probation or an academic plan. Academic Plans specify the conditions you must meet in order to continue receiving federal financial aid.

## Financial Aid Probation

If placed on financial aid probation, you will have one semester to regain Satisfactory Academic Progress. If at the end of one semester you are not in good standing, you will not be eligible for further financial aid. Financial Aid Probation is not the same as Academic Probation as referred to in the Admission/Registrar Section of this catalog.

## First Year Experience

### Contact Information

**Director:** Tate T. Smith, M Ed

**E-mail:** [ttsmith@lcsc.edu](mailto:ttsmith@lcsc.edu)

**Office:** SUB 208

**Phone:** 208-792-2208

**Web:** <http://www.lcsc.edu/first-year-experience> (<http://www.lcsc.edu/first-year-experience/>)

## First Year Experience Program

The First Year Experience Program engages students during their first year of college in order to increase student success, retention and degree completion. The program supports a variety of activities such as: conducting freshmen surveys to better understand the student; facilitating new student orientation courses (SD-107) that help students understand themselves, their environment, how to access resources, and how to persist and achieve their goals; coordinating the peer mentor program, which provides student support through the connection of student leaders with new students transitioning to campus; providing follow-up calls/correspondence to students who are struggling; assisting in academic advising; assessing student interests and facilitating the pursuit of those interests; and following-up with students who withdraw from the college.

## Peer Mentor Program

The peer mentor program is a support system consisting of 25 student leaders dedicated to mentoring new students. A peer mentor is a student in their sophomore-senior year who helps new freshmen build a foundation for personal success at Lewis-Clark State College. They work closely with students enrolled in SD-107: New Student Orientation to help them connect with the LC State community and achieve their educational goals. Peer mentors provide academic, social, and emotional support to their mentees while also introducing them to additional campus resources, policies, and procedures.

## English Language/Bridge Pathway Program

### Contact Information

**Academic Coordinator and Retention Specialist:** Emily Jerves

**E-mail:** [ejjerves@lcsc.edu](mailto:ejjerves@lcsc.edu)

**Office:** RCH 212

**Phone:** 208-792-2329

**FAX:** 208-792-2193

**Web:** <https://www.lcsc.edu/international/>

## Overview

LC State's International Programs offers English language programs for non-native speakers of English. The Bridge Pathway Program (<https://www.lcsc.edu/international/international-applicants/international-admissions/bridge-pathway-applicants/>) is designed for prospective students who have not yet reached LC State's undergraduate English proficiency requirement. In addition, International Programs can offer short-term, customized English language and culture programs for groups of learners.

## Bridge Pathway Program

Enrollment in the Bridge Pathway Program (<https://www.lcsc.edu/international/international-applicants/international-admissions/bridge-pathway-applicants/>) at LC State allows students to take college-level course(s) while simultaneously receiving full academic and language support. Successful completion of the Bridge Pathway Program guarantees admission to our general college degree programs. Prospective students must apply for provisional admission and meet the Bridge English Proficiency (<https://www.lcsc.edu/international/international-applicants/international-admissions/bridge-pathway-applicants/>) requirement. Bridge students take courses to improve their English language and academic skills and may choose from selected college courses. Students must have a student visa (F-1) or other eligible status. Student visa information can be found in the Admitted Students (<https://www.lcsc.edu/international/admitted-students/first-year-international-students/immigration-resources/>) section of the International Programs home page. In addition, certain Bridge Pathway and college courses can be accessed online from the student's home country. The student will use LC State's Learning Management System, Canvas, to access classes, meetings, and assignments. Online-only students outside of the United States do not require a visa to enroll in online courses. Bridge students are encouraged to consider homestay with an American host family. Additional housing information can be found on the International Homestay Program (<https://www.lcsc.edu/international/admitted-students/housing/homestay-program/>) and Housing & Residence Life (<https://www.lcsc.edu/residence-life/apply-to-live-at-lc-state/>) pages.

## Specialized Programs

The English Language/Bridge Pathway program also offers customized, short-term group programs. Please contact us (<https://www.lcsc.edu/international/meet-the-staff/>) for additional information.

## Cost of Attendance and Payment

Information on Bridge Pathway Program tuition can be found on the Scholarships and Cost of Attendance (<https://www.lcsc.edu/international/international-applicants/scholarships-and-cost-of-attendance/>) page. The cost of attendance includes tuition & fees, books & supplies, housing & food, and student health insurance. Please note that these are estimated costs. For quotes on specialized programs, please contact the Academic Coordinator (<https://www.lcsc.edu/international/meet-the-staff/>). Fees are due by the payment deadline. More information can be found on the Payment Options (<https://www.lcsc.edu/student-accounts/payment-options/>) page.

## International Programs

### Contact Information

**Coordinator:** Rebecca Snodgrass  
**E-mail:** [rlsnodgrass@lcsc.edu](mailto:rlsnodgrass@lcsc.edu)  
**Office:** RCH 212  
**Phone:** 208-792-2109  
**FAX:** 208-792-2193  
**Web:** <http://www.lcsc.edu/international> (<http://www.lcsc.edu/international/>)

The International Programs Office (IPO) coordinates international activities at LC State, including:

- International student recruitment, admissions, and scholarships;
- International student orientation, advising, and support;
- International student engagement, including clubs, activities, volunteer opportunities, and community outreach;
- Study Away, including National Student Exchange and Study Abroad;
- Campus and community international engagement activities;
- Host Families/Friendship Families; and
- Language training and academic/cultural programs, including the Bridge Pathway Program and custom, short-term programs for non-native speakers of English.

## International Admissions

**Centered in the LCSC Office of Admissions**  
**Office:** RCH 102&104  
**Phone:** 208-792-2210  
**Fax:** 208-792-2876  
**Web:** <https://www.lcsc.edu/international/international-applicants>  
**e-mail:** [admissions@lcsc.edu](mailto:admissions@lcsc.edu) (<https://www.lcsc.edu/admissions/>)

## Application Procedure for International Students

LC State accepts students into degree programs, the Bridge Pathway Program, non-degree Study Abroad in Idaho, and exchange programs. Admission requirements for Bridge Pathway applicants can be found on the International Admissions (<https://www.lcsc.edu/international/international-applicants/international-admissions/bridge-pathway-applicants/>) page. International applicants must complete all forms in English. Admission decisions are made only after receipt of a complete application and application fee.

### Academic Degree-seeking international applicants

Complete details of international admissions standards can be found on the Admissions Standards (<http://catalog.lcsc.edu/student-affairs/admissions/#admissionsstandardstext>) page. Students may apply on the International Admissions Page (<https://www.lcsc.edu/international/international-applicants/international-admissions/bridge-pathway-applicants/>). A complete application for admission should include:

1. Copy of unexpired passport identification page.
2. Original High School transcript documenting at least a cumulative GPA of 2.0 on a 4.0 scale.
  - a. Transfer applicants with 14 credits or more of college work from a U.S. institution do not need to submit high school transcripts.
  - b. Transfer applicants with 14 credits or more of college work from an approved overseas institution or program partner do not need to submit high school transcripts.
3. Original transcripts from all colleges attended documenting at least a cumulative 2.0 on a 4.0 scale.
  - a. The minimum Grade Point Average (GPA) from high school or transfer school for all LC State applicants is 2.0 on a 4.0 scale. International applicants' GPAs will be calculated at LC State using guidelines provided by professional organizations.
  - b. Some applicants may be required to submit their original transcripts to an outside transcript evaluation agency.
  - c. LC State will accept scanned copies of transcripts for initial admission purposes. If scanned copies are presented, applicants will be tentatively admitted pending receipt of official final transcripts.
4. Original proof of English Proficiency
  - a. LC State accepts the English language proficiency tests/programs posted in the International Admissions Page (<https://www.lcsc.edu/international/international-applicants/international-admissions/>).
  - b. Exceptions to English proficiency test scores:
    - i. Transfer students who have completed at least 14 semester credits (21 quarter credits) at a U.S. college or university and a grade of "C" or better in a course equivalent to English 101;
    - ii. Students who successfully complete LC State's Bridge Pathway Program with a 3.0 GPA in their Bridge courses and a 2.0 in their college course(s);
    - iii. Students who meet any of the additional exemption categories on the International Admissions Page (<https://www.lcsc.edu/international/international-applicants/international-admissions/>)
5. Recent (within the past six months) financial documents proving sufficient financial support for one year of studies are required to issue an immigration document (I-20). Note: J-1 exchange visitors fully sponsored by an outside agency do not need to submit bank statements or a Certificate of Financial Responsibility to LC State.
  - a. Applicants must demonstrate financial support for tuition, fees, books, health insurance, and living expenses for one academic year.
  - b. Financial support documents include original bank statements/letters (with a signed Certificate of Financial Responsibility from each sponsor), financial guarantees from a sponsoring agency, and international student scholarships.
  - c. Financial support documents may be scanned and emailed to LC State (embassies/consulates may require original copies).

### PROVISIONAL Admission

International applicants whose cumulative GPA is less than 2.0 may be considered for provisional admission. Provisional admission information can be found in LC State's Admissions Standards (<http://catalog.lcsc.edu/student-affairs/admissions/#admissionsstandardstext>). International applicants who do not meet the English proficiency requirements but who otherwise meet admission standards will be considered for provisional admission and should complete the Bridge Pathway Program (<https://www.lcsc.edu/international/international-applicants/international-admissions/>) (or otherwise demonstrate English language proficiency) before receiving full admission to begin their degree program

### Non-Degree international Admission Requirements

Exchange students, Study Abroad in Idaho students, Bridge, and sponsored students attending LC State on a short-term basis may be admitted as non-degree. Non-degree international students may submit unofficial academic transcripts; however, official transcripts are recommended for students wishing to enroll in courses that require prerequisites and/or future admission into a degree program.

### Denial of Admission

Admission to the institution may be denied based on one or more of the following criteria: cumulative high school GPA below 1.8; cumulative transfer GPA (from all institutions attended) below 1.8; or prior dismissal/suspension from LC State. Students who are denied admission may petition the admission decision.

## Application Fees

International applicants pay a \$50 application fee to Lewis-Clark State College. The application fee is non-refundable.

## Official Transcripts

Official transcripts of all language, secondary and post-secondary education and certified English translations are required for degree-seeking applicants. Transcripts should list: school's name, dates of attendance, subjects studied, credits and grades earned, and degree or diploma earned (if any). Translations should be in the same format as the original, and grades should not be converted to an American scale. If possible, transcripts should be sent from the school directly to the International Programs Office. Transcripts remain the property of LC State and will not be returned to applicants. All documents should be original documents in a sealed envelope sent directly from the institution. However, if original documents are not available, the copy must be certified that it is a true copy by a school/university or government official with the appropriate official stamp (LC State does not accept copies certified by a public notary).

## English Language Proficiency

Most applicants for whom English is not the first/native language must demonstrate English proficiency. Admission can only be granted with the demonstration of sufficient English proficiency. LC State reserves the right to require English proficiency testing when deemed necessary. A document outlining the English proficiency requirements for admission to all programs is located on the International Admissions Page. (<https://www.lcsc.edu/international/international-applicants/international-admissions/>) Please note that there are different scores required for the Bachelor of Nursing Program. English proficiency test scores must be less than two years old from the date of the test. Score reports become part of a student's permanent record and can be used for subsequent LC State applications provided the minimum language proficiency requirement was met.

## Transfer Students

### Credit Transfer Processing

LC State degrees (as with all U.S. 2-year and 4-year degrees) consist of 3 components: general education (Core); general electives; and Major(s). Each degree program has published degree requirements (<http://www.lcsc.edu/academic-programs/>)

### How Transfer Credit is Determined

Transcripts are first assessed for transfer credit of general education (CORE) courses by LC State's transcript evaluator, once the student has officially applied and paid the application fee. Next, the student meets with their academic adviser to assess how the courses transfer to their degree plan (major). A preliminary credit transfer assessment may be possible before the student arrives, but this is often non-binding and errs on the side of caution unless the student has provided detailed information (see required and recommended information descriptions below).

### Suitable documentation is required for transfer credit evaluation.

Official transcripts of all post-secondary education and certified English translations are required. Transcripts should list: school's name, dates of attendance, subjects studied, credits and grades earned, and degree or diploma earned (if any). Translations should be in the same format as the original, and grades should not be converted to an American scale. If possible, transcripts should be sent from the school directly to the International Programs Office. If the student hand-carries the transcript, it must be in the original sealed envelope from the institution. Course Descriptions are highly recommended, and should include the course's learning objectives, the number of contact hours per week, the number of weeks per term, the mode of instruction (e.g. lecture, lab), and the assessment method (exam, project, thesis, etc.). If course descriptions are not available in English, the student should present a translation alongside the original text. The more detailed the information provided, the easier it is for LC State to assess a student's previous study and provide transfer credit.

### Global Assessment Certificate

LC State recognizes the Global Assessment Certificate (GAC) program offered through ACT Education Solutions, Limited. GAC is a university preparation program that provides international students with the skills to successfully complete a bachelor's degree in English speaking universities. All students complete the ACT Assessment as the exit test of the GAC. LC State will endorse the GAC as satisfying admission requirements as follows: a minimum overall GAC grade point average of 2.0, minimum demonstration of English as successful completion of GAC, and a minimum ACT score of 21 (English sub score). LC State will allow up to 42 credits for completion of the GAC as listed in the chart below:

### Transfer of GAC Program Courses

GAC course code	GAC course name	LCSC equivalent	Credits	Satisfies Core requirement
GAC005	Computing I: Introduction to Computing for Academic Study	Elective	3	No
GAC006	Business, Science and Social Science I: Communication Skills	Elective	3	No
GAC010	Mathematics II: Probability, Statistics & Finance	Elective	3	No
GAC011	Computing II: Data Management	Elective	3	No
GAC012	Business II: Business Studies BUS-101		3	No

GAC013 & GAC023	Science II: Scientific Principles & Science III: General Science	NS-150	3	Yes
GAC015	Academic English III: Reading & Writing Skills	ENGL-101	3	Yes
GAC016 OR GAC024	Mathematics III: Calculus & Advanced Applications	Math Core	3	Yes
GAC017	Computing III: Digital Communication	Elective	3	No
GAC022	Business III: Digital Communication	Elective	3	No
GAC023	Science III: General Science	General Education Elective	3	Yes
GAC024	Discrete Mathematics	Elective	3	No
GAC027	Social Science II: Identity & Interaction in Society	Social Science Core	3	Yes
GAC028	Social Science III: Research Skills and Global Issues	Elective	3	No
<b>Total</b>			<b>42</b>	

## Study Abroad in Idaho Program

LC State offers the Study Abroad in Idaho program to international students currently studying in approved overseas universities. Students may be approved to study for a semester or a year at LC State and pre-arrange for credit to be transferred back to their home university. Students applying for this program must have completed at least 1 year of study at their home university with at least a 2.5 GPA (on a 4 point scale). The home university may place additional requirements on students participating in this program. Students will be allowed to study LC State courses based their major, their academic background and availability of classes at LC State. Students are expected to have pre-approval from their home university for at least 8 courses each semester (students will enroll in 4-6 classes each semester depending on their major). English language proficiency requirements can be found on the International Admissions Page (<https://www.lcsc.edu/international/international-applicants/international-admissions/>). Applicants who meet the English language proficiency requirement for undergraduate study may be admitted in either the Fall or Spring. Applicants who do not meet the undergraduate English language requirements may be admitted to the Bridge Pathway Program based on their English proficiency exam scores. Students who then meet the English language requirements for college or who complete the Bridge program with a GPA of at least 3.0 and at least a C grade in their college class will be allowed to study college classes full time as part of the study Abroad in Idaho Program.

## Placement Testing

Applicants who have not taken the SAT or ACT exams will be required to take a Math placement test upon arrival.

## Immigration Procedures

The Immigration Form I-20 is a U.S. government form issued only by designated school officials. The I-20 states that a student has been accepted for a full course of study and has submitted documents proving that they have enough money to study in the U.S. without working illegally or suffering from poverty. A student must have an I-20 to obtain a student visa for study in the U.S., or to maintain lawful immigration status when transferring between academic institutions in the U.S.

To apply for an I-20, submit the following (as part of the International Admission Form) to the International Programs Office:

Financial Certification with specified documentation. Students must use one or more of the following to prove ability to support themselves during their entire course of study: original documentation indicating personal bank funds sufficient to support entire course of study, sponsor(s) affidavit indicating their willingness to support the student's full course of study with documentation of sponsor's financial ability to support the full course of study (such as original bank statements, formal proof of income, or copies of tax documents), affidavit of sponsor indicating the sponsor's commitment to providing room and board at no cost to the student, an official letter of support completed by a government sponsor indicating amount of support, duration of support, and conditions for receiving continued support, and/or scholarship award letters indicating amount of support, duration of support, and conditions for continued eligibility.

## International Scholarships

As part of LC State's strategy to encourage a diverse and academically qualified international student community, LC State offers international student scholarships. The scholarship is \$1,750 for the first and second semester at LC State, for a total amount of \$3,500 per year. Eligible students receive the scholarship automatically. No application is needed.



## Eligibility

Applications for admission and scholarships received before October 15 (for Spring semester entry) and April 15 (for Fall semester entry) will receive priority consideration. International students who receive a full non-resident tuition waiver or full sponsorship for tuition are not eligible for an international scholarship. LC State may also consider the following criteria in addition to the above requirements: grade point average (2.5 to 4.0), demonstrated leadership skills, and campus and community involvement. All international scholarship recipients are required to confirm their acceptance of the admission and scholarship offer at LC State and confirm their arrival details at LC State by the published deadlines. Upon initial enrollment at LC State, students must attend the mandatory LC State International Orientation program and enroll in the LC State New Student/Transfer Student Orientation course.

## Renewal

The International Out-of-State Tuition Scholarship is a renewable semester award. Students are eligible to receive this award for the duration of their enrollment at LC State if they maintain a 2.5 semester grade point average and complete 12 or more credits each semester. After a semester of enrollment at LC State, the scholarship amount can increase. The amount is dependent upon the cumulative GPA at the end of each semester. The GPA is not rounded up.

- 2.5 - 2.99 GPA = \$1,750 per semester or \$3,500 per year
- 3.0 - 2.49 GPA = \$2,125 per semester or \$4,250 per year
- 3.5 - 4.0 GPA = \$2,500 per semester or \$5,000 per year

Students who were not awarded an international scholarship upon admission to LC State will be considered for an international scholarship after one semester of study if they earn at least a 2.5 GPA.

## Contact Information

**Study Away Coordinator:** Emily Jerves

**Office:** RCH 212

**Phone:** 208-792-2329

**Web:** <http://www.lcsc.edu/study-away/>

**E-mail:** [studyaway@lcsc.edu](mailto:studyaway@lcsc.edu)

Students at LC State have the following options for approved study away programs:

- National Student Exchange (NSE),
- Study away through approved LC State study away third-party program providers.
- Faculty-led study away programs.

Students participating in the above programs are required to work with the Study Away Coordinator and other LC State officers to facilitate credit transfer and financial aid options. The application and/or processing fee varies with the type of program. Students who choose to go on independent (self-directed) programs should understand that these are not officially approved programs; students are thus individually responsible for arranging all parts of the exchange on their own, including finances. LC State financial aid does not apply to these programs.

Students interested in studying away should note:

- Federal and institution financial aid is only available for approved LC State study abroad programs.
- Students reliant on financial aid are strongly encouraged to go abroad either for a full academic year or in the spring semester only. This is because the Financial Aid Office requires official transcripts for Fall coursework before disbursing Spring awards.
- LC State reviews its list of approved programs annually and has selected to work with the chosen partners and programs based on a number of factors, including financial, risk management, academic and LCSC international strategy considerations. Programs will not be added to the official LC State list based solely on individual student interest.
- Scholarships:
  - Institutional scholarships available only to LC State students (may be applied for through the Study Away office):
    - Helen Bernfield Study Away Endowment Scholarship
    - Study Away Scholarship
  - External Scholarships are available through the third party program providers, government institutions and other private organizations. Inquire with the Study Away office for current opportunities, including NSEP/Boren and Gilman scholarships.

## Student Eligibility

- Students must be fully admitted and degree-seeking.
- Students must be registered full-time in the fall or spring semester before the term abroad.



- Students must have at least a 2.75 GPA (higher for some programs).
- Students must have sophomore standing (transfer credit is applicable).

For more information on study away, contact the Study Away Coordinator at 208-792-2329. Students should first discuss interest in study away with their academic advisor.

## Options

### Note: COVID-19 outbreaks or other factors may limit or cancel study away options

#### NATIONAL STUDENT EXCHANGE (NSE)

LC State is a member of National Student Exchange, a consortium of four-year colleges and universities in the United States, its territories and Canada that have joined together for the purpose of exchanging students among the member institutions. Students may study away for a semester or a year, with occasional opportunities made available for summer terms. Outgoing LC State students who participate in the NSE program pay LC State tuition and fees, plus a \$200 application fee (\$150 NSE Application fee and \$50 LCSC Study Away Application fee). They do not pay tuition or fees at the host institution, except for special class or lab fees, activity fees, room/board, etc. Incoming NSE exchange students do not pay LC State tuition and fees, as they will have already paid these at the home institution. The only fees paid to LC State in that case are special class or lab fees, activity fees, room/board, etc. Financial aid may apply for out-going LC State students, but is not available to incoming NSE exchange students, who should apply for financial aid from their home institution prior to the exchange. Incoming and outgoing exchange students must show proof of medical insurance for the duration of their exchange. For more information, visit [www.nse.org](http://www.nse.org) (<http://www.nse.org/>).

#### INTERNATIONAL STUDIES ABROAD (ISA)

LC State has an agreement with the ISA program to offer summer, semester, and year abroad options in more than 20 countries around the world. Students who participate in the ISA program do not pay LC State tuition. Instead, they pay a \$95 deposit to ISA along with the program cost, plus a \$50 LC State Study Away Application fee. Financial aid may apply. For more information, visit [www.studiesabroad.com](http://www.studiesabroad.com) (<http://www.studiesabroad.com/>).

#### FACULTY-LED SHORT-term PROGRAMS

Periodically, LC State may offer faculty-led short study away programs for LC State students to study language and culture in other countries while earning college credit. Contact the Study Away Coordinator for more information.

#### SELF-DIRECTED STUDY ABROAD

If a student wishes to study abroad at an institution not available through LC State's contracted partners, they may apply to that program or school directly and then transfer credit back to LC State, just as if they had chosen to transfer out of LCSC for that period. The student is not enrolled at LC State for that period and is thus not eligible for federal or institutional financial aid from LC State for the period abroad. The student is responsible for arranging the exchange experience on their own and accepts all risks associated therein. Students interested in doing so are recommended to register with the Risk Management officer at LC State.

## Native American, Minority & Veterans' Services

### Contact Information

**Director:** Bob Sobotta, M Ed

**E-mail:** [bsobotta@lcsc.edu](mailto:bsobotta@lcsc.edu)

**Office:** RCH 210/212

**Phone:** 208-792-2812; Veterans Coordinator: 208-792-2473

**FAX:** 208-792-2193

**Web:** <http://www.lcsc.edu/minority-programs/> & <http://www.lcsc.edu/veterans/>

LC State is committed to establishing and maintaining a campus environment that promotes cultural diversity. Native American, Minority & Veterans' Services offers programs and services designed to assist Veterans and students of color in meeting their educational goals, both in and out of the classroom. Assistance (academic and financial aid support systems, cultural activities and programming) is available for students from admission through graduation.

### Services

Native American, Minority & Veterans' Services supports students through:

- Academic and personal advising
- Student mentoring and advocacy
- Scholarship and Financial Aid information
- Campus and community referrals
- Tribal contacting/networking
- Student clubs and organization involvement
- Admissions support
- Cultural awareness programming
- VA Education Benefits & other Veteran resources
- Interaction with Community Veteran programs

The Pi'amkinwaas American Indian Center (1112 7th Street) also works in collaboration to assist students in meeting their academic goals while on campus. Computer labs, tutoring, advocacy and mentoring are all aspects of support the Pi'amkinwaas shares with Native American, Minority & Veterans' Services. For more information contact 208-792-2744.

## Scholarships

Native American, Minority & Veterans' Services works closely with the Financial Aid Office and other campus programs in providing and promoting scholarship opportunities. The following is a list of minority scholarships available to students:

- Avista Minds in Motion Diversity Scholarship
- Isaac Wilson Memorial Scholarship
- Dean and Colleen Mahoney Scholarship
- Andrew L. Smith Memorial Scholarship
- Plateau Native American Trust Scholarship
- Nez Perce Vocational/Technical Waivers
- Leona H. Craw Memorial
- Riddle Family Scholarship
- LC State Native American Alumni Chapter Scholarship
- H. William and Barbara Belknap Scholarship
- Marshall/Watters Memorial Scholarship

Scholarships offered are subject to change; some scholarships are awarded only as funding permits. For more information please visit the Financial Aid website: [www.lcsc.edu/financialaid](http://www.lcsc.edu/financialaid) (<http://www.lcsc.edu/financialaid/>).

## Programs

LC State sponsors, or co-sponsors, a number of activities and events that promote and enhance cultural enrichment to the community. Annual events that are celebrated on campus include:

- Native American Awareness Week
- Idaho Human Rights/MLK Jr. Day
- Black History Experience
- Multicultural Discovery
- Farmworker Awareness
- Idaho Indian Education Summit
- Veteran's Day Programming

## Veteran Services

Lewis-Clark State College guides Veterans and their dependents through the steps of admission, signing up to use GI Bill® benefits, requesting military transcripts and certifying classes through the VA process. Veterans' Services work with students on their progress toward their degree goals by monitoring class registrations and grades received through graduation. Computer labs, advocacy and mentoring are other areas of support through the Veterans' Services Resource Center which is located in Reid Centennial Hall (RCH) Room 21. For more information contact the Coordinator of Veterans' Resources via phone 208-792-2473, RCH 23, or email [veterans@lcsc.edu](mailto:veterans@lcsc.edu).

Lewis-Clark State College does not provide commission, bonus, or incentive payments to active duty service personnel for any purpose including recruitment and/or retention. Lewis-Clark State College does not selectively recruit or induce enrollment of service members or utilize high-pressure recruitment tactics in order to secure federal tuition assistance from military personnel.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by VA is available at the official U.S. government Web site at <https://www.benefits.va.gov/gibill>. (<https://benefits.va.gov/gibill/>)

## Registrar and Records

### Contact Information

**Registrar:** Soo Lee Bruce-Smith

**E-mail:** registrar@lcsc.edu

**Office:** RCH 108

**Phone:** 208-792-2223

**FAX:** 208-792-2429

**Web:** <http://www.lcsc.edu/registrar/>

The Office of Registrar and Records coordinates all processes involved with the registration of classes and the maintenance of student records. The office offers a variety of services including transcript evaluation and disbursement, degree confirmation and graduation, catalog production, academic standing determination, residency appeals, academic policy petitions, and athletic eligibility assessment.

### Course Numbering

Courses numbered 001-099 are considered non-collegiate level (remedial/developmental). These courses are not used to satisfy graduation or degree requirements and are not used in calculating cumulative, term, or graduation GPAs. Courses numbered 100-299 are classified as lower division. Those numbered 300-499 are classified as upper division. Courses numbered 500-599 are classified as graduate level courses. The first digit of the course number generally indicates class level for which the course is intended. Students usually are not encouraged to take courses more than one year above their class standing.

### Credits and Overload

There is an additional fee for each credit of 20 or more. Students wishing to register for 20-25 credits in one academic term must have an approved add/drop slip with their adviser's signature. Students wishing to take 26 or more credits in one academic term must petition to do so (see "Petitioning" section).

### Full- and Part-Time Status

The number of credits that a student is enrolled in determines full-time or part-time status. In order to complete a program within two years (most Associate degrees) or four years (most Baccalaureate degrees) students must complete 15 credits per term or 30 credits within the academic year. Students attending college who are certified to receive benefits from the GI Bill® or any veteran benefits programs, are expected to carry loads adequate to constitute the timely progress toward a degree or completion of their technology training program.

Full-time status required for on campus employment, eligibility for student office, financial aid and veteran benefits, is defined as enrollment in 12 or more semester credits. Full-time status, in terms of fee payment, is defined as enrollment in 12 or more credits per term which includes all credits. Part-time students, in terms of fee payment, are those carrying no more than 11 credits in a given semester. Part-time students may not be eligible for all student body privileges. Graduate level students must be enrolled in 9 or more credits per term to be considered full-time students.

### Class Level (Class Standing)

Completed Credits	Standing
0-25	Freshman
26-57	Sophomore
58-89	Junior
90+	Senior

Students who attend after earning a baccalaureate degree will be designated as post-baccalaureate (PB) or graduate student, as applicable.

### Petition Forms

*(for Exceptions to College Policy)*

Students seeking exceptions to college policy must submit a petition form to the Registrar & Records Office (RCH 108). Items for which students may petition include, but are not limited to, late adds, late drops and late total withdrawals, credit overloads (26+), General Education substitutions/waivers, and other miscellaneous issues. Students may obtain petition forms from the Office of Registrar & Records, or at <https://www.lcsc.edu/registrar/student-information/grades/petitioning> (<https://www.lcsc.edu/registrar/student-information/grades/petitioning/>)

## Family Educational Rights and Privacy Act

A variety of records are created and maintained by the college for students as they progress from admission through graduation. Such records are the property of LC State and do not belong to the student; therefore, students may not request copies of their records, but they may request to review records. Details are outlined below.

The Family Educational Rights and Privacy Act of 1974 (FERPA) is a Federal law which states (a) that a written institutional policy must be established and (b) that a statement of adopted procedures covering the privacy rights of students be made available. The law provides that the institution will maintain the confidentiality of student education records.

### DEFINITIONS:

1. Education records: Records, in any media, that are directly related to a student and maintained by Lewis-Clark State College (LC State) or by a party acting for the institution.

Records NOT protected by FERPA include:

- records of instructional, administrative, and educational personnel which are the sole possession of the maker and are not accessible or revealed to any individual except a temporary substitute
- records maintained by College security/law enforcement unit
- records of employment which relate exclusively to individuals in their capacity as employees (records of students employed by the College as a result of their status as students are education records, e.g. work-study)
- records created, or maintained by a physician, psychiatrist or other recognized professional acting in his or her professional capacity (including counseling and health records)

2. Student: Any individual who is enrolled in a LC State credit or non-credit course on the first day of the course.

### DIRECTORY INFORMATION:

Lewis-Clark State College considers the following Directory Information and WILL release this information WITHOUT the written consent of the student.

- Student name
- Address listings
- Telephone listings
- Photograph
- E-mail address
- Dates of attendance
- Enrollment status
- Class level
- Previous colleges attended
- Major/minor field of study
- Degree types and dates
- Club and athletic participation records
- Height and weight of members of athletic teams
- Scholarships Awarded
- College Leadership Position
- High-School attended/hometown
- Satisfactory academic standing/ honor roll or other recognition lists

### NON-DIRECTORY INFORMATION:

Lewis-Clark College considers the following Non-Directory Information and therefore will NOT release this personally identifiable information without the student's written consent.

- Date of birth/age
- Social security number
- Student ID number

- Class schedule/roster
- Unsatisfactory academic standing
- Grades
- GPA (term and cumulative)
- Transcript
- Gender
- Credits (term and cumulative)

Student consent must be obtained before disclosing non-directory information, with some exceptions. Any information not defined explicitly as directory information is considered non-directory information. FERPA permits disclosure of non-directory information without student consent in circumstances outlined below:

- School faculty and staff who have a need to know to fulfill their official responsibilities.
- Other schools to which a student is transferring.
- Accrediting organizations.
- Organizations doing certain studies for or on behalf of the College.
- Appropriate parties in connection with financial aid to a student.
- Records can be released to parents of an eligible student if the student is a dependent for IRS tax purposes (except for health or counseling records which will not be disclosed without student consent or as required by law).
- Certain government officials in connection with local, state or federally-supported education programs.
- Individuals who have obtained court orders or subpoenas.
- Faculty and school officials who have a need to know concerning disciplinary action taken against a student.
- Persons who need to know in cases of health and safety emergencies when necessary to protect the health and safety of the student and/or others.
- State and local authorities to whom disclosure is required by state laws.

As of January 3, 2012, the U.S. Department of Education's FERPA regulations expanded the circumstances under which education records and personally identifiable information (PII) contained in such records, including Social Security number, grades, or other private information, may be disclosed without student consent.

First, the U.S. Comptroller General, the U.S. Attorney General, the U.S. Secretary of Education, or state and local education authorities ("Federal and State Authorities") may be allowed to disclose student records and PII to a third-party designated by a Federal or State Authority to evaluate a federal or state supported education program. The evaluation may relate to any program that is "principally engaged in the provision of education," such as early childhood education and job training, as well as any program that is administered by an education agency or institution.

Second, Federal and State Authorities may be allowed access to education records and PII to provide researchers performing certain types of studies, with information; in certain cases even when LC State objects to or does not request such research. Federal and State Authorities need not maintain direct control over such entities. In addition, in connection with Statewide Longitudinal Data Systems, State Authorities may collect, compile, permanently retain, and share without consent, PII from student education records, and they may track a student's participation in education and other programs by linking such PII to other personal information about a student that they obtain from other federal or state data sources, including workforce development, unemployment insurance, child welfare, juvenile justice, military service, and migrant student records systems.

FERPA gives certain rights to parents regarding their children's educational records at the primary and secondary level. These rights transfer to the student upon reaching 18 years of age or attending any school beyond the secondary level.

Under FERPA a student does not have a right to access and review certain records including:

- Financial information submitted by parents.
- Confidential letters and recommendations placed in the student's file before 01/01/75.
- Confidential letters, etc., associated with admissions, employment, job placement or honors to which a student has waived rights of inspection and review.
- Educational records containing information about other students such as grades, test scores, etc.

The Solomon Amendment requires colleges and universities to release information regarding enrolled students to the military for recruitment purposes. Students may restrict disclosure to the military by restricting all disclosure of personal information.

Students may submit a "Directory Information Restriction Request" form to the Office of the Registrar to prevent directory or non-directory information from being released. Placing a full Non-Disclosure hold on student records will cause any and all future requests for contact information from LC State persons, on non-essential matters, and from non-institutional persons and organizations, including scholarship organizations, prospective employers,

and transcript request, etc., to be denied. The restriction will remain in place even after students have stopped attending or have graduated from Lewis-Clark State College and will only be removed if rescinded in writing by the student.

### STUDENT RIGHTS:

FERPA affords students certain rights with respect to their education records. These rights are:

1. The right to inspect and review the student's education records within 45 days of the day the College receives a request for access. Students should submit to the registrar, dean, head of the instructional division, or other appropriate official, written requests that identify the record(s) they wish to inspect. The College official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the College official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.
2. The right to request an amendment of a student's education record that the student believes is inaccurate or misleading. Students should ask the College to amend a record that they believe is inaccurate or misleading. They should write the College official responsible for the record; clearly identify the part of the record they want changed and specify why it is inaccurate or misleading. If the College decides not to amend the record as requested by the student, the College will notify the student of the decision and advise the student of his or her right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.
3. The right to consent to disclosures of personally-identifiable non-directory information contained in a student's education records, except for those disclosures permitted under FERPA. FERPA permits disclosures of education records to school officials with legitimate educational interests. A school official is defined as a person employed by the College in an administrative, supervisory, academic, or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the College has contracted (such as an attorney, auditor, or collection agent); or a person assisting another school official in performing his or her tasks. A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility.
4. The right to file a complaint with the Registrar & Records Office regarding any perceived FERPA violation. Upon receipt of the complaint, the Registrar will work with the V.P. for Student Affairs to investigate the complaint and take all necessary action to comply with the requirements of FERPA.
5. The right to file a complaint with the U.S. Department of Education concerning any alleged failures by Lewis-Clark State College to comply with the requirements of FERPA as set above.

Family Policy Compliance Office

U.S. Department of Education

400 Maryland Avenue, SW

Washington, DC 20202-4604

### STUDENT SCHEDULES:

The Registrar & Records Office will not release class schedules or locations for any student. In the event that a student needs to be contacted, a message will be delivered to the student. However, this will only be done in emergency situations where the health and/or safety of an individual are of concern. It is the responsibility of all students to make available their whereabouts to parents, children, spouses or anyone else they deem appropriate.

### COMMUNICATING WITH STUDENTS ABOUT THEIR RECORDS

When talking to students about their records, LC State staff must make a reasonable attempt to verify that students are who they claim to be. This applies to in-person, phone and e-mail exchanges. An exception exists for inquiries received from an LC State e-mail account.

- **In-person:** Before divulging information about a student's record, staff should ask for photo ID from that student. If the student does not have photo ID, staff should ask the student for at least one of the following: Student ID, SSN, birth date, phone number, or address. Staff who remain unsure about a student's identity should ask for answers to a combination of the above.
- **LCMail:** Since students must use their usernames and passwords to access their LCMail accounts, LC State student e-mail is considered "secure" by the institution. Staff can assume that inquiries received from a student's LCMail account are from the student. No further verification is needed; however, no secure information (e.g. tax forms, social security card, banking documents) should be sent or requested through LCMail.
- **Phone:** Before divulging information about a student's record, staff should ask the student for one of the following: Student ID, SSN, birth date, phone number, or address. Staff who remain unsure about a student's identity should ask for answers to a combination of the above. If the student's identity cannot be verified, no information should be shared.
- **Other Email:** No student information should be shared through personal, generic, or non-LCMail email addresses.

**The Registrar & Records Office is the primary contact for all student information inquiries.**

## Grading

To calculate a grade point average (GPA), multiply the number of credits by the grade point value of the letter indicated. Thus, a 3-credit course with a grade of B (3) is assigned 9 points. The GPA is the result of dividing the total number of grade points by the total number of graded semester credits. Grades preceded by an asterisk (\*) are assigned to developmental courses and are not used to calculate GPA.

Grades of A, A-, B+, B, B-, C+, C, C-, D+, D, P, and S are considered passing; however, grades of C-, D+, D, U, P, and S may not be acceptable in meeting certain program requirements. Students should consult with their advisers about these grades. S, NC and U grades are used in certain courses designated by the college (see course descriptions). Courses so designated may not yield any other grade.

If a course is so designated, a student may choose P/F grading as an option at the time of registration or during the add/drop period. To earn a Passing grade, student's work must be at a grade of C- or higher; a D+ or lower will earn a failing grade of "F." This is the only grading option available for some courses. General Education Core courses MAY NOT be graded with "P" grades, with the exception of General Education courses completed through Advanced Placement, CLEP, or Challenge Exams. Courses graded with the Pass/Fail option receiving a "P" grade are not included in the calculation of the term or cumulative GPA and do not count for term or graduation honors. Courses graded with the Pass/Fail option receiving an "F" grade are included in the calculation of the term and cumulative GPA and do affect term and graduation honors.

The grade of "I" (incomplete) indicates that work is satisfactory, but because of extenuating circumstances, has not been completed by the end of the term. The grade is given at the discretion of the instructor when the student has made substantial progress (at least 80% of coursework completed) toward completion of coursework. For all "I" grades, the date of completion may be no later than one subsequent semester, and extensions are not allowed. The exact date of completion will be specified by the instructor. On that date, the incomplete will expire to F if no other grade is assigned by the instructor. If the Incomplete is received during a Spring or Fall session, the student has one full semester following that session in which to complete the course (summer sessions do not count as a full semester).

After semester grades have been posted, instructors wishing to initiate a grade change must complete an electronic Grade Change Form via WarriorWeb.

Students who earn an Incomplete in their final semester before graduating have six weeks to complete their coursework and receive a final letter grade.

### Grade Points and Status

Letter Grade	Points	Status
A	4.0	Distinguished
A-	3.67	Distinguished
B+	3.33	Superior
B	3.0	Superior
B-	2.67	Average
C+	2.33	Average
C	2.0	Average
C-	1.67	Below Average
D+	1.33	Below Average
D	1.0	Below Average
F	0.0	Failing
P	n/a	Passing
S	n/a	Satisfactory/passing
U	n/a	Unsatisfactory/failing
W	n/a	Withdrawal
I	n/a	Incomplete
IP	n/a	In Progress; must re-register (technical courses only)
AU	n/a	Audited Course
CIP	n/a	Course in Progress
NC	n/a	No-Credit (only used with Registrar's approval)

### Grade Appeal

If a student believes he or she has received an incorrect or unfair grade, that student should follow steps outlined in the Grade Appeal/Grievances/Complaints Policy 5.310.



This policy does not apply to grades given for alleged academic dishonesty or for unsafe clinical practice. Academic dishonesty shall be treated as a violation of the Student Code of Conduct and shall be determined under the Code of Conduct rules. Unsafe clinical practice shall be handled by the procedures established by the relevant divisions. In the case that the instructor is no longer at the institution, the responsibility for representing the original instructor's interests rests with the Division Chair or his/her designee.

### Final Term Grades

Final grades are available for student viewing and printing via WarriorWeb upon course completion.

### Mid-Term Grades

Mid-term grades are required to be submitted by faculty by the end of the ninth week for all full-term classes numbered 1 to 299. This requirement does not apply to Career Technical Education courses or to Kinesiology activity courses. Mid-term grades are not calculated in the GPA and do not appear on a student's transcript; however, mid-term grades are valuable for both students and faculty as progress checks and advising tools. Mid-term grades are available via WarriorWeb.

## Scholastic Honors - President's and Dean's Lists

Students who earn a semester GPA of 3.25-3.749 while carrying a minimum of twelve (12) semester college-level (courses above 100) credits on the A-F grading system, are placed on the Dean's List. Those earning a semester GPA of 3.75 and above while carrying a minimum of twelve (12) semester college-level credits on the A-F grading system are placed on the President's List for outstanding accomplishment.

## Academic Standing Criteria

### Good Standing

The minimum cumulative GPA required for students to be in "good standing" is a 2.0 on all credits attempted at LC State.

### Probation

At the end of a semester\*, students who do not attain a 2.0 cumulative GPA are placed on "academic probation" for the next semester of enrollment. Students on academic probation who earn a cumulative GPA of 2.0 or higher will be returned to "good standing" status. Students on academic probation who obtain a term GPA of 2.0 or higher during the subsequent semester after being placed on probation, but whose cumulative GPA is still below 2.0, will remain on probation.

### Suspension

Students on probation with a cumulative GPA below 2.0 and a subsequent semester GPA below 2.0 will be placed on "academic suspension." Students on academic suspension must sit out a minimum of one full semester (summer semester does not count). If students placed on academic suspension are registered for classes in subsequent terms, these classes will be removed from the students' schedules by the Registrar & Records Office.

### Reinstatement Following Suspension

Students who have been academically suspended may not re-enroll (degree or non-degree) for at least one full semester. (Students may not attend a Summer Session if suspended at the end of Spring semester, nor does a Summer session count as the required semester "suspended out" of college.) Students wishing to re-enroll following academic suspension must apply for reinstatement after one semester has passed. Students academically suspended three times must wait three academic years before an application for reinstatement will be considered. Reinstatement applications may be found on the Registrar's website. Students wanting to appeal the suspension of one semester policy may submit a petition (<https://www.lcsc.edu/media/7884/student-petition-form-pdf.pdf>) to the Petition Committee.

## Forgiveness Policy

The curriculum leading to graduation requires that a student maintain a cumulative GPA of at least 2.0. There are individuals who, for a variety of reasons, have low academic achievement for past semesters. To encourage and reward determination, self-discipline, and achievement, LC State will allow a student to submit an application for academic forgiveness (<https://www.lcsc.edu/media/6686/academicforgiveness-pdf.pdf>) to have up to two consecutive semesters considered for academic forgiveness.

Eligibility for academic forgiveness is subject to all of the following conditions:

- At the time the application is filed, a minimum of five years will have elapsed since the coursework to be forgiven was completed.
- The student must have completed at least 24 graded credits at the 100 level or above (pass/fail credits do not count) at LC State with a minimum GPA of 2.25. These 24 credits must be completed following the semester(s) to be forgiven and will be considered a probationary period predicated forgiveness.
- The student must submit, with their application, a written statement explaining why academic forgiveness should be awarded, including the student's current academic plan.
- The semester(s) to be forgiven must contain at least one "D" or "F" to be considered. Further, the entire semester (not individual courses) must be considered for forgiveness.



- A student may apply to forgive LC State credits only. In addition, a student may apply for academic forgiveness only once during their academic career at LC State.
- Students must apply for forgiveness prior to a degree/certificate being awarded.

Consequences of academic forgiveness to the student include the following:

- If the application qualifies under this policy, the student's academic record will be annotated to indicate that the forgiven courses, even if satisfactory, will not be counted toward the computation of credits, grade point and graduation requirements. All work will remain on the student's record to ensure a true reflection of the academic history.
- However, grade points for forgiven credits, whether from LC State or another college, will be figured into the student's cumulative GPA to determine graduation "walking" or "final" honors.

## Declaration of a Major

In addition to fulfilling general degree criteria and completing the General Education Core requirements, AS, AA, AAS, BA, BFA, BS, BSN, BSW, or BAS degree candidates must also complete appropriate major requirements. Students must submit a Program Information Form (PIF) to officially declare a major and/or minor prior to earning 32 credits. Undeclared students will automatically be assigned to a Liberal Arts Associate Degree program until a major program is declared.

## Minors

A minor field of study is not required, but is desirable and encouraged for all baccalaureate degree-seeking students. Requirements for a minor must be completed prior to graduation. Minors are listed on student transcripts, but not on diplomas nor announced at Commencement. Minors cannot be awarded independently from baccalaureate majors, nor can they be awarded retroactively.

## Academic Certificates

Students may earn an academic certificate while pursuing an Associate or Baccalaureate degree at LC State. The academic certificate will be awarded upon completion of the earned degree. If degree requirements are not met, the student will not earn an academic certificate. Federal financial aid is not available for students seeking a stand-alone academic certificate.

Non-degree-seeking students may opt to complete an academic certificate as a stand-alone credential if they have completed the required course prerequisites. Federal financial aid is not available for students seeking a stand-alone academic certificate.

Graduate level courses are numbered 500-599. Any student registering for a graduate-level course will require instructor permission prior to registering for the course.

With the exception of students in a pre-graduate program, undergraduate students are not permitted to take graduate-level courses. Undergraduate students in a pre-graduate program are limited to a maximum of six graduate credits. Once a student has completed their undergraduate program and met the graduate admissions requirements, they will be eligible to be moved into a full graduate program.

## Graduation Guide

### Application for a Degree or Certificate

- Degrees and Certificates are not awarded automatically upon requirement completion. Students must submit a graduation app through Warrior Web once they have reviewed their degree audit with an advisor.
- Graduation application deadlines are: **December 1st** for spring graduation, and **May 1** for fall graduation.
- Students have six weeks after end-of-term to complete all graduation requirements. If requirements have not been met at that time, their application will be rolled forward to the next term if the student is enrolled, or deleted if not enrolled. If requirements are not met within the next enrolled term, the application will be denied and the student must reapply for graduation when ready to graduate.
- Students graduate under the LC State catalog in effect during the time of their enrollment. Students may select a subsequent catalog provided the catalog is not more than seven years old at the time of graduation and the student was enrolled during the time period of the catalog they choose.
- In the case of changes to the curriculum or graduation requirements, the college may allow substitute courses or activities to satisfy a degree or certificate. In the instance of substantial changes to the curriculum or graduation requisites, the college reserves the right to require students to follow the current programs. In the event of program inactivation, the college will make a reasonable effort to ensure that students who are within two years of completing the graduation requirements, and making normal progress toward completion of the requirements, will have the opportunity to complete the program.
- Students applying for a degree or certificate are expected to participate in the Spring Commencement ceremony.<sup>1</sup> Students must be within six credits of completion for their degree (and enrolled in these six credits during the summer) to participate in Spring Commencement. Students who choose not to participate in the ceremony must choose this option when they complete the graduation application.

- Students are awarded their degree in the term in which they submit a graduation application for the respective degree. The Office of Registrar & Records awards EACH degree separately in the term the student submits a graduation application for the respective degree.

<sup>1</sup> LC State holds one Commencement ceremony each Spring. Students who graduate in the preceding Fall semester, or following Summer semester may choose to participate in the Commencement ceremony that Spring.

## Baccalaureate Degree Requirements

To be recommended for a baccalaureate degree, the candidate must complete a minimum of 120 degree-counting<sup>1</sup> semester credits to include:

1. No less than 36 semester credits of upper division work.
2. No less than 32 resident (LC State) credits.
3. A cumulative GPA of not less than 2.0.
4. General Education Core Requirements for baccalaureate degrees: 34-40 lower division (100-200) semester credits plus 3 semester credits of upper division (ID 300/301) work.
5. A cumulative GPA of not less than 2.0 for all Core classes.
6. Courses required by their major field of study.
7. The Bachelor of Arts, and Bachelor of Fine Arts degrees require two years of the same college-level foreign/heritage language, 12 credits of which may be satisfied by competency credit as indicated on the student's transcript.
8. Some Divisions require an exit examination as part of its degree requirements.
9. Meet with advisor to review Degree Audit and apply for graduation.
10. Degrees are awarded in the term in which the student applies for the degree.
11. Students will not be allowed to graduate with Incomplete (I) or In-Progress (IP) grades remaining on their transcript.
12. Students may elect to satisfy the requirements in a specific catalog as long as the catalog is no more than seven years old at the time of graduation, or they may choose to satisfy the requirements listed in a more recent catalog as long as the student attended LC State during the effective period of the catalog.
13. Students may not use more than one catalog; students may not satisfy the General Education Core requirements from one catalog while satisfying the major requirements of another catalog.

<sup>1</sup> Remedial and developmental coursework, typically numbered 001-099, are not college-level and cannot be used toward degree credit requirements. Total credit requirements depends upon the major program.

Certain Divisions have General Education Core requirements beyond those required by the college. Students majoring or seeking certification from these divisions are to follow the General Education Core requirements specified by their respective division programs.

All General Education Core courses must be graded courses\*. The "Pass/Fail" option is not available for any General Education Core requirements (p. 192) unless the course requirement is met by a challenge exam, Advanced Placement or CLEP.

(\*NOTE: Spring 2020 grading policy change allowed for P/F of core courses due to the COVID-19 outbreak and subsequent online delivery of all LC State courses.)

## Graduation Honors (Baccalaureate Degrees)

There are two types of graduation honors. "Walking" honors are for students who complete requirements by May, or the following August, and participate in May Commencement. "Final" honors are the honors listed on the official student transcript and diploma. Graduation honors are calculated using all credits earned (**both LC State credits as well as all transfer credits**). "Walking" honors will be calculated using all credits earned by fall semester prior to graduation. Baccalaureate students are eligible to be awarded *cum laude*, *magna cum laude*, or *summa cum laude* honors upon attaining a cumulative GPA of 3.7, 3.8 or 3.9, respectively.

Grade points for courses "academically forgiven" will be used to calculate graduation honors; this is regardless of whether the academic forgiveness was granted at LC State or another college. For either the walking or final honors, the number of credits used will be inclusive of courses graded Pass (P).

## Graduation Honors (Associate Degrees)

There are two types of graduation honors. "Walking" honors are for students who complete requirements in May, or the following August, and participate in May Commencement. "Final" honors are the honors listed on the official student transcript and diploma. Graduation honors are calculated using all credits earned (**both LC State credits as well as all transfer credits**). "Walking" honors will be calculated using all credits earned by Fall semester prior to graduation. Credit calculations are inclusive of "P" graded credits. Associate degree seeking students are eligible to be awarded

Presidential Honors upon attaining a cumulative GPA of 3.75 or higher. However, grade points for courses “academically forgiven” will be used to calculate graduation honors.

## Associate Degree and Certificate Requirements

### Academic

To be recommended for an Academic Associate Degree (AA or AS), the candidate must complete at least 64 degree-counting<sup>1</sup> semester credits to include:

1. No less than 16 semester credits of LC State (residency) course work.
2. A cumulative GPA of not less than 2.0.
3. General Education Core requirements.
4. A cumulative GPA of not less than 2.0 for all Core classes.
5. Meet with advisor to review Degree Audit and apply for graduation. Degrees/certificates are awarded in the term in which the student applies for the degree/certificate.
6. Students will not be allowed to graduate with Incomplete (I) or In-Progress (IP) grades remaining on their transcript.
7. Students may elect to satisfy the requirements in a specific catalog as long as the catalog is no more than seven years old at the time of graduation, or may also choose to satisfy the requirements listed in a more recent catalog as long as the student attended LC State during the effective period of the catalog.
8. Students may not use more than one catalog; students may not satisfy the General Education Core requirements from one catalog while satisfying the major requirements of another catalog.

<sup>1</sup> Remedial and developmental coursework, typically numbered 001-099, are not college-level and cannot be used toward degree credit requirements.

Certain Divisions have General Education Core requirements beyond those required by the college. Students majoring or seeking certification from these Divisions are to follow the General Education Core requirements specified by their respective division programs.

All General Education Core courses must be graded courses. The “Pass/Fail” option is not available for any General Education Core requirements unless the course requirement is met by a challenge exam, Advanced Placement or CLEP.

### Career & Technical Education

To be recommended for a Career & Technical Education Associate in Applied Science Degree (AAS) the candidate must complete at least 60 degree-counting<sup>1</sup> semester hours of credit to include:

1. No less than 16 semester credits of LC State course work.
2. A cumulative GPA of not less than 2.0.
3. General Education Core requirements: 16 credits.
4. A cumulative GPA of not less than 2.0 for all Core classes.
5. Meet with advisor to review Degree Audit and apply for graduation.
6. Students will not be allowed to graduate with Incomplete (I) or In-Progress (IP) grades remaining on their transcript.
7. Students may elect to satisfy the requirements in a specific catalog as long as the catalog is no more than seven years old at the time of graduation, or may also choose to satisfy the requirements listed in a more recent catalog as long as the student attended LC State during the effective period of the catalog.
8. Students may not use more than one catalog; students may not satisfy the General Education Core requirements from one catalog while satisfying the major requirements of another catalog.

<sup>1</sup> Remedial and developmental coursework, typically numbered 001-099, are not college-level and cannot be used toward degree credit requirements.

General Education Core requirements are specific to each individual major. All General Education Core courses must be graded courses. “Pass/Fail” option is not available for any General Education Core requirements unless the course requirement is met by a challenge exam, Advanced Placement or CLEP.

To be recommended for a Career & Technical Education Advanced Technical Certificate (ATC) or Intermediate Technical Certificates (ITC), the candidate must complete:

1. No less than 16 semester credits of LC State coursework.
2. A minimum of 52 credits in technical and General Education courses (ATC), or a minimum of 30 credit hours (ITC). A minimum of 25% of the total required credits for an ATC or ITC must be completed at Lewis-Clark State College.
3. A cumulative GPA of not less than 2.0.
4. Meet with advisor to review Degree Audit and apply for graduation.

Certificates of Completion will be awarded to students who have completed an individual education contract of less than 30 credits with a 2.0 GPA. These contracts of prescribed courses to be completed are determined and agreed upon by the faculty advisor and the student. Students receiving Certificates of Completion normally are not eligible to participate in regular graduation ceremonies of LC State. These certificates may indicate either credits or clock hours of instruction.

### Concurrent Baccalaureate Degrees

A student may be granted more than one baccalaureate degree concurrently by meeting the General Education Core and major requirements of all degrees. Students must apply separately for each degree sought. Students are awarded their degree in the term in which they submit a graduation application for the respective degree. Students must earn an additional 16 credits (136+ total credits) to be awarded a second baccalaureate degree.

### Requirements for an Additional Baccalaureate Degree and/or Teacher Certification

A student may earn additional baccalaureate degrees by meeting the following minimum requirements:

1. A minimum of 32 additional semester hours of residence work, or 16 semester hours of residence work if the student has attended LC State for at least two years, or if the first baccalaureate was from LC State; otherwise the full 32 semester credits must be earned in residence.
2. Completion of program requirements in the major field.
3. Satisfactory completion of other general requirements of the college.
4. Persons holding a baccalaureate degree and seeking only certification to teach must meet certification requirements (see Teacher Education Division section of this catalog), have a certifiable major field for secondary certificate seekers, and satisfy one and two above.
5. Meet with advisor to review Degree Audit and apply for graduation.
6. Students must earn an additional 16 credits (136+ total credits) to be awarded a second baccalaureate degree.

### Commencement Ceremony

Lewis-Clark State College holds one commencement ceremony each year. Students who graduate within Fall, Spring, or Summer of an academic year, will walk in the spring commencement ceremony held in May. Check the graduation website for commencement dates and details: <http://www.lcsc.edu/graduation/>.

### Honors and Post Graduation Grade Changes

- When a degree or certificate is awarded, a final cumulative GPA for that degree or certificate is noted on the transcript.
- Depending on the cumulative GPA, an Honors status (*cum laude*, *magna cum laude*, *summa cum laude*, or President's Honors) is recorded on the student's transcript and on the diploma.
- Grade changes may be submitted for courses that were required for a degree or certificate (after the degree/certificate has been awarded). If the grade change results in honor status change, the Registrar's Office will issue the student a new diploma.
- If the student wishes to have a new transcript (with current grade, GPA and honors status) reissued, he/she will need to request this through the normal transcript request procedures and pay the applicable fee.

## Petition Forms

### *Used for Exceptions to College Policy*

Students seeking exceptions to college policy must submit a petition form (<https://www.lcsc.edu/media/7884/student-petition-form-pdf.pdf>) to the Registrar & Records Office. Items for which students may petition include, but are not limited to, late adds, late drops and late total withdrawals, credit overloads (26+), General Education substitutions/waivers, and other miscellaneous issues.

## Exam Placement Scores

Academic degree-seeking students are not required to submit test scores for admission. However, it is recommended that academic applicants take the ACT/SAT or ALEKS math placement test and Writing Placement Exam for English/math placement. Career and Technical degree-seeking students are required to submit test scores as part of their admission file. Test scores are used during the educational planning process to determine if the student is prepared for a technical program, and to assist all students in selecting appropriate level courses in which they will be successful.

Successful completion of college-level coursework on official transcripts from previous colleges/universities may exempt a student from submitting test scores. Transfer students who have completed 14 or more college level (100-level or above) semester credits following high school graduation and are transferring English Composition and math, are exempt from submitting test scores.

All test scores must be no more than five years old from the date of course registration.

LC State uses the highest sub-scores on both the ACT and SAT when making scholarship decisions. LC State uses the highest sub-scores on the ACT and SAT in the advisement and course placement of students. Since we use the highest separate scores from different test administrations (e.g. the highest evidence-based reading and writing and mathematics scores from the SAT; the highest English and mathematics from the ACT), students are encouraged to provide LC State with all results from all administrations of the ACT or SAT.

Applicants may take the ALEKS math test or Writing Placement Exam at LC State or at an approved proctor site. Schedule a time to take the test by calling the Testing Center at 208-792-2100. There is a fee associated with each test. Test results should be sent directly to the Admissions Office by e-mailing [admissions@lcsc.edu](mailto:admissions@lcsc.edu), faxing to 208-792-2876 or uploading the results to the student's 'Be a Warrior' account (<https://beawarrior.lcsc.edu>.)

## Course Placement Scores

### ENGLISH COMPOSITION PLACEMENT

ACT-English	SAT-Critical Reading	Writing Placement	AP Exam	RSAT	Take Course #	Course Name
1-17	200-440	1	N/A	200-490	ENGL-101/ENGL-103	College Writing and Workshop
18-24	450-560	2	N/A	500-620	GNBPT-122	Business English
18-24	450-560	2	N/A	500-620	ENGL-101	College Writing
					ENGL-109	College Writing and Research
25-30	570-690	3	3 or 4	630-730	ENGL-102	Research Writing (earn 3 credits for ENGL-101)
31-36	700-800	N/A	5	740-800	Earn 6 credits (ENGL-101 & ENGL-102)	

### English composition placement for ESL students:

Students who are non-native speakers of English will be required to take a standardized achievement and aptitude test for English placement unless:

1. They are transferring an English course from a U.S. regionally accredited institution; or
2. They have an ACT English score of 18 or higher, or an SAT Critical Reading score of 450 or higher.

### MATH PLACEMENT

ACT-Math	SAT-Math	ALEKS Test	AP Exam	RSAT	Take Course #	Course Name
1-15	200-380	0-13	N/A	200-420	MTHPT-010	Arithmetic/Pre-Algebra
					MATH-015	Arithmetic & Pre-Algebra
16-18	390-460	14-29	N/A	430-500	MATH-023	Basic Algebra for Math as a Liberal Art
					MATH-025	Basic Algebra
					MATH-153P	Supplemental Instruction for MATH-153
					MTHPT-103	Applied Algebra
					MTHPT-154	Statistical Reasoning Lab
19-22	470-549	30-59		510-569	MATH-157P	Supplemental Instruction for MATH-157
19-36	470-800	30-100	N/A	510-800	MATH-123	Math as a Liberal Art
					MATH-130	Finite Mathematics
					MATH-153	Statistical Reasoning
					MTHPT-130	Math for Business Analysis
					MTHPT-137	Math for Technology

23-36	550-800	46-100	N/A	570-800	MATH-143	Precalculus Algebra
		61-100			MATH-144	Pre-Calculus Trigonometry
		46-100			MATH-147	Combined 147A/147B
		46-100			MATH-157	Foundations of Elementary Math
		46-100			MATH-186	Discrete Math
29-36	660-800	46-100	N/A	690-800	MATH-253	Statistical Methods for the Sciences
		76-100			Calculus AB:3	MATH-170
					Earn 4 credits for MATH-170	

Course Placement Chart (<https://www.lcsc.edu/media/7022/course-placement-chart-21-22.pdf>)

## DEVELOPMENTAL PLACEMENT

Academic students who place into developmental courses (ENGL-103, MATH-015, MATH-023, or MATH-025) will follow a highly structured advising and registration process to facilitate their college success, focused on successful and timely completion of their developmental courses.

## Credit by Prior Learning Assessment

Prior Learning Assessment (PLA) is a process by which you can earn college credit for learning that you have achieved through life and work experience (such as owning your own business or managing a business, training courses offered through work or the military, extended volunteerism, or independent study). Through one of the many forms of PLA described below, you have the opportunity to demonstrate that your prior learning integrates theory and practice and demonstrates your achievement of the learning outcomes of certain LC State courses. Prior Learning is assessed by faculty with expertise in the subject matter, and is only awarded for learning and not for experience alone.

## Competency Credit

Many areas of learning have vertical content in which higher levels are dependent upon skill and knowledge acquired at lower levels. Students may complete a "Competency Credit" form to receive credit for sequential courses. Students who earn a grade of "C" or better in the higher level advanced course may be awarded competency credit for the bypassed lower level course by securing faculty and Division Chair signatures on a Competency Credit form (<https://www.lcsc.edu/media/6668710/Competency-Credit-eForm.pdf>) and then submitting the Competency Credit form to the Registrar & Records Office for processing. Competency credits will be posted to students' transcripts in the term in which they completed the higher level course and will be designated with a "CC" prior to the course title. There is no fee for filing this form.

## Forms of Prior Learning Assessment

- Standardized Assessments\*:
  - Advanced Placement (AP)
  - American Council on Education Recommendations (ACE)
  - College Level Examination Program (CLEP)
  - DANTES Subject Standardized Tests (DSST)
  - International Baccalaureate (IB)
- Faculty Developed Course Specific Challenge Exams (<https://www.lcsc.edu/liberal-arts-and-sciences/prior-learning-assessment/challenge-exams/>)
- Portfolio Assessment (<https://www.lcsc.edu/liberal-arts-and-sciences/prior-learning-assessment/portfolio-assessments/>)

\*Test results older than 10 years will not be accepted. In some cases, a locally administered essay will need to be completed prior to the awarding of credit.

## Prior Learning Eligibility & Limitations

- Student must be currently enrolled at LC State to have any credits earned through PLA noted to the transcript.
- Credits are awarded only for courses in the current college catalog, or that are part of the required curriculum of a degree plan from a catalog still in force (no more than 7 years old at the time of the student's graduation).
- Divisions or programs may limit credit by PLA to specific courses.
- PLA credits will not be awarded for courses that are the same, or similar to, courses the applicant is enrolled in, or has audited, regardless of the grade the student received.

- A student may not attempt PLA credits for the same course by both a Challenge Exam and Portfolio.
- If a student attempts PLA credits by a Challenge Exam or Portfolio and is not awarded credits, credit will only be available by enrolling in, and passing, the course.
- PLA credits do not count toward LC State residency credits or toward Federal Financial Aid, including scholarships.
- Though Idaho institutions work closely together to ensure transfer of credit, there is no guarantee that another higher-education institution will transfer credits earned through PLA.
- More details may be found by going to the Prior Learning Website (<https://www.lcsc.edu/liberal-arts-and-sciences/prior-learning-assessment/>).

### CLEP exam credit score chart

Division	Test	Minimum Score	LCSC Course Equivalency	Cr	Test satisfies Core requirements?
Business	Financial Accounting	50	AC Elective	3	No
	Information Systems	50	BUS-221	3	No
	Introductory Business Law	50	BUS-365	3	No
	Principles of Management	50	BUS-311	3	No
	Principles of Marketing	50	BUS-321	3	No
Composition & Literature (Humanities)	American Literature	50	Core Literature	3	Yes
	Analyzing & Interpreting Literature	50	ENGL-175	3	Yes
	College Composition	50	ENGL-101	3	Yes
	English Literature	50	Core Literature	3	Yes
	Freshman College Composition	50	ENGL-101	3	Yes
	Humanities General Exam	50	Core Humanities	3	Yes
World Languages (Humanities)	Spanish Language-Level I	50	SPAN-101 & SPAN-102	8	Yes
	Spanish Language-Level II	63	SPAN-101 SPAN-102 SPAN-201	12	Yes
	Spanish with Writing - Level I	50	SPAN-101 SPAN-102	8	YES
	Spanish with Writing - Level II	65	SPAN-101 SPAN-102 SPAN-201 SPAN-202	16	YES
	French Language-Level I	50	FREN 101, 102	8	Yes
	French Language-Level II	63	FREN 101, 102, 201	12	Yes
	German Language-Level I	50	GERM 101, 102	8	Yes
	German Language-Level I	63	GERM 101, 102, 201	12	Yes
Science & Mathematics	Biology	50	BIOL-100	4	No
	Calculus	50	MATH-170	4	Yes
	Chemistry	50	CHEM-111 & CHEM-112	8	Yes
	College Algebra	50	MATH-143	3	Yes
	College Mathematics	50	MATH-123	3	Yes
	Natural Sciences General Exam	50	NS-150	3	Yes
	Pre Calculus	50	MATH-147	5	Yes
History & Social Sciences	American Government	50	POLS-101	3	Yes
	History of the United States I: Early Colonization to 1877	50	HIST-111	3	Yes

History of the United States II: 1865 to the Present	50	HIST-112	3	Yes
Human Growth & Development	50	PSYC-205	3	Yes
Intro to Educational Psychology	50	PSYC-321	3	No
Intro to Psychology	50	PSYC-101	3	Yes
Intro to Sociology	50	SOC-101	3	Yes
Macroeconomics	50	ECON-201	3	Yes
Microeconomics	50	ECON-202	3	Yes
Western Civilization I: Ancient Near East to 1648	50	HIST-101	3	Yes
Western Civilization II: 1648 to the Present	50	HIST-102	3	Yes

### Ap exam Credit score chart

Students must request an official AP transcript be sent to the Registrar for evaluation of any LC State equivalent courses.

Division	AP Test	Minimum Score Required	LCSC Equivalent Course	Total Credits Granted	AP Test Satisfies Core Requirement?
Arts (Humanities)	Art History	3	ART-100	3	Yes
	Studio Art-Drawing	3	ART-111	3	No
	Music Theory	3	MUS-142	3	No
English (Humanities)	English Lang/Comp	3	ENGL-101	3	Yes
	English Lang/Comp	4/5	ENGL-102	3	Yes
	English Lit/Comp	3	ENGL-175	3	Yes
History & Social Sciences	Comparative Gov't/Politics	3	POLS-285	3	Yes
	European History	3	HIST - Elective	3	No
	Human Geography	3	SS-Elective	3	No
(Business)	Macroeconomics	3	ECON-201	3	Yes
(Business)	Microeconomics	3	ECON-202	3	Yes
	Psychology	3	PSYC-101	3	Yes
	U.S. Gov't/Politics	3	POLS-101	3	Yes
	United States History	3	HIST-111 & HIST-112	6	Yes
	World History	3	HIST-101 & HIST-102	6	Yes
Math & Computer Science	Calculus AB	3	MATH-170 or Core Math	4	Yes
	Calculus BC	3	MATH-170 or Core Math	4	Yes
	Computer Science A	3	CS-111	4	No
	Computer Science Principles	3	CS-108	4	Yes
	Statistics	3	MATH-153	3	Yes
Sciences	Biology	3	BIOL-100	4	Yes
	Chemistry	3	CHEM-111 or Core CHEM	4	Yes
	Environmental Science	3	NS-150	3	Yes
	Physics 1	3	PHYS-111 or Core PHYS	4	Yes
	Physics 2	3	PHYS-112	4	No
World Languages & Culture (Humanities)	Chinese, French, German, Italian, Japanese, Latin	3	FL 1 & 2	8	Yes
		4	FL 1, 2, & 3	12	Yes



	5	FL 1, 2, 3, & 4	16	Yes
Spanish Language & Culture	3	SPAN-101 & SPAN-102	8	Yes
	4	SPAN-101, SPAN-102 & SPAN-201	12	Yes
	5	SPAN-101, SPAN-102, SPAN-201 & SPAN-202	16	Yes

**Dantes/ DSST Exam**

Division	Test	Minimum Score	LCSC Course Equivalency	Cr	Test satisfies Core requirements?
Arts & Comm	Art of the Western World	400	CORE-DA	3	YES
	Principles of Public Speaking	400	COMM 204	3	YES
English	Principles of Advance English Composition	400	ENGL 102	3	YES
	Technical Writing	400	ENGL 203	3	NO
Humanities	Environmental Science (Environment and Humanity)	400	ID 300D	3	YES
	Ethics in America	400	CORE-INS	3	YES
	Ethics in Technology	400	ID 300E	3	YES
Technology	Computing & Information Technology	400	Lower Elective	3	NO
	Ethics in Technology	400	ID 300E	3	YES
	Fundamentals of Cybersecurity	400	Upper Elective	3	NO
Social Science	Organizational Behavior	400	SS/HRPT 185	3	YES
Math	Business Mathematics	400	GNBPT 202	3	NO
	Principles of Statistics	400	MTHPT 153	3	YES
Business	Business Ethics & Society	400	GNBPT 270	3	NO
	Introduction to Business	400	BUS 101 or MGTPT 101	3	NO
	Management Information Systems	400	BUS 355	3	NO
	Personal Finance	400	GNBPT 202	3	NO

**IB exam Score chart**

IB transcripts should be sent to the Registrar for evaluation of any LC State equivalent courses.

Exam	Minimum Score: Higher	Minimum Score: Standard	Credits Awarded	LCSC Equivalent
Biology	5	6	8	BIOL-180, BIOL-181
Business Management	5	5	3	BUS 101
Chemistry	5	6	8	CHEM 111, CHEM 112
Computer Science	5	5	4	CS 111
Economics	5	5	6	ECON-201, ECON-202
Environmental Systems & Societies	5	4	4	BIOL-100
Geography	5	6	3	GEOG-102
Global Politics	5	6	3	POLS-237
History (Civilization)	5	6	6	HIST-101, HIST-102
History (US)	5	6	6	HIST-111, HIST-112
History (Africa)	5	6	3	HIST-333
History (Europe)	5	6	6	HIST-454, HIST-456

Information Technology	5	5	3	BUS-355
Language A: Literature	5	4	3	ENGL-175
Language A: Language & Literature	5	5	3	ENGL-101
Mathematics	4	4	3	Math-143
	5	5	4	Math-147
	6	6	4	Math-170
Mathematical Studies	5	5	4	Math-137
Further Mathematics	4	4	4	Elective Credit
Music	5	6	5	MUS-110, MUS-291
Philosophy	5	5	3	PHIL-101
Physics	5	6	8	PHYS-111, PHYS-112
Psychology	5	6	6	PSYC-101, PSYC-385
Social & Cultural Anthropology	5	6	3	ANTH-102
Theater	5	6	6	THEA-101, THEA-211
Visual Arts	5	6	3	ART-291

## Registration

Degree-seeking students must meet with their advisor to select courses for future semesters. Once degree-seeking students have met with their advisor, they will be able to register online through the fifth day of the semester via Student Planning.

Priority registration for subsequent terms is the second full week of November and the thirteenth week of spring semester. Only currently attending students may participate in Priority Registration. Students returning after a hiatus will be allowed to register during open registration once they have applied for readmission, been readmitted and have met with an advisor. Any person attending a class must be a registered student having paid applicable tuition/fees.

See the Academic Calendar (<http://www.lcsc.edu/registrar/academic-calendar/>) for registration dates and deadlines.

## Registration Changes

The last day to register or add classes without instructor approval is the fifth day of the term for full-term classes (dates for summer courses or condensed courses differ, check academic calendar (<https://www.lcsc.edu/registrar/academic-calendar/>)). Between the fifth day and the Thursday before finals week, students must secure the instructor's signature on an add/drop form to enroll in a class. This add/drop form must be brought to the Office of Registrar & Records for processing. Students making their initial registration for the semester during the late registration period will be assessed late registration and late payment penalties.

## Withdrawal

The withdrawal deadline, whereby students earn a "W" on their transcript, is the Thursday before Priority Registration for full-term classes. Dropping a class after this date requires a petition appeal to the Petition Committee.

Receiving a "W" on a transcript is a permanent notation indicating withdrawal from a course; it does not affect a student's GPA. Because it is an official part of the student record, it cannot be removed from the transcript or altered in any way.

### WITHDRAWAL FROM A SINGLE COURSE

Students withdrawing from one or more courses before the deadline must initiate withdrawal by completing an add/drop form, which may be obtained from the Office of Registrar (<http://www.lcsc.edu/registrar/>). A grade of "W" will be entered on the permanent transcript for each course dropped after 10th day. Students who fail to complete the official withdrawal process will be considered enrolled and will be graded accordingly.

Receiving a "W" on a transcript is a permanent notation indicating withdrawal from a course; it does not affect a student's GPA. Because it is an official part of the student record, it cannot be removed from the transcript or altered in any way.

### TOTAL WITHDRAWAL FROM ALL SEMESTER COURSES

Students withdrawing from all enrolled courses (total withdrawal from college) at any time must initiate withdrawal by logging on to WarriorWeb and submitting a Total Withdrawal Form. Students who fail to complete the official withdrawal process will be considered enrolled and will be graded accordingly. Neither LC State faculty nor staff will normally initiate the withdrawal of a student on the basis of non-attendance, unless the student is medically incapacitated or a harm to himself/herself or others.

A student may not totally withdraw from all courses in a term if any of the classes in the respective term have been graded. Students who have totally withdrawn from all courses for a term will not be allowed to re-register for any subsequent classes in the same term.

A grade of "W" will be entered on the permanent transcript for each course from which the student is withdrawn after 10th day and up to the last day to withdraw.

Any student under investigation for disciplinary or Title IX action may still withdraw; however, a notation of the pending conduct investigation will be noted on their transcript.

### **INVOLUNTARY ADMINISTRATIVE STUDENT WITHDRAWAL**

The college may choose to invoke the Involuntary Administrative Student Withdrawal Policy, which allows college administrators to either temporarily or permanently involuntarily withdraw a student from the college and/or Residence Life facilities, if it is determined that a student:

- Engages, or threatens to engage, in behavior which poses a danger of causing physical harm to self or others, and/or
- Engages, or threatens to engage, in behavior which would cause significant property damage, which directly or substantially impedes the lawful activities of other members of the college, and/or
- Demonstrates an inability to satisfy personal needs (nourishment, shelter) such that there is reasonable possibility that serious physical harm or death might occur within a short period of time, and/or
- Otherwise commits a violation of the college's Student Code of Conduct and lacks the capacity to comprehend and participate in the college's disciplinary process, and/or
- Commits a violation of the college's Student Code of Conduct and did not understand the nature or wrongfulness of the conduct at the time of the offense.

### **INCAPACITATED STUDENT WITHDRAWAL**

When a college official is made aware that a currently-enrolled student has become incapacitated due to injury or illness, and the Registrar receives written confirmation of such from a medical doctor, the Registrar shall initiate a total withdrawal on the student's behalf. A grade of "W" will be entered on the permanent transcript for each course dropped after 10th day.

## **Pre-Requisite Requirements**

Students are required to meet course pre-requisites as stated in the course description (see Course Description (p. 797) section). Failure to do so will result in dis-enrollment from the course. Students are allowed to pre-register in a requisite course if they are currently enrolled in the pre-requisite course. If students fail the pre-requisite course, they are dis-enrolled from the requisite course. Students may be dis-enrolled up to two days before a term begins.

## **Auditing**

Students may choose to audit a course; however, no credit is earned for completing audited courses, nor do credits for audited courses count toward financial aid, graduation, or completion of degree requirements. All audited courses are graded as "AU" and do not affect GPA. Students who audit a course must officially enroll, pay regular fees, and indicate audit status before the semester's withdrawal deadline (see academic calendar). Students must petition to audit a course after the last day to withdraw deadline. Auditing is not allowed in Career-Technical programs.

### **Course Schedule and Delivery Expectations**

Students enrolled in courses should expect that coursework scheduling will remain constant under normal circumstances. However, due to outside forces beyond the control of faculty and/or staff at LC State, students should be aware that schedule and delivery modalities may change throughout the semester. While course times and meeting days should remain the same (excluding class cancellations), delivery modalities (face-to-face, virtual remote, online, etc.) may change due to extenuating circumstances. When circumstances warrant, assignment due dates or changes to assignments may be made. The instructor will communicate such changes with students in a timely manner. It is strongly recommended that students check their LCMail and Canvas accounts regularly to stay informed of the most current course information.

Examples of extenuating circumstances include, but are not limited to: inclement weather, natural disaster, localized power outages, lab equipment failures, local or state directives, or instructor obligations (community or college service, professional development, or injury/illness, etc.).

## **Repeated Courses**

Students may repeat courses in which they were previously enrolled. Credit is usually allowed only once, and the GPA will reflect the most recent repeated grade. While the original course and grade remain on the permanent transcript, they are not used to calculate the cumulative GPA. Courses that may be repeated, for credit, are designated in their respective course description.

## Final Examinations

Final examinations are scheduled during the last week of each semester for all students. As a matter of college policy, individual students are not permitted to take early final examinations. See the Final Exam schedule for dates, times, and locations.

## Residency Requirements for Fee Payment

In determining residency for fee assessment purposes, Lewis-Clark State College is governed by Idaho Statute 33-3717B.

### Initial Determination of Residency Status

Residency is determined at the time of application to Lewis-Clark State College and is based on information provided on the student's application for admission.

### Requesting a Change of Residency Classification

If a student disagrees with a classification of "non-resident," the student bears the burden of proof in requesting reclassification. The student must complete the Idaho Residency Determination Worksheet (<https://www.lcsc.edu/media/2909/residency-determination-worksheet-03252020.pdf>) in order to provide the Institution with the information necessary to re-evaluate the residency determination. **The Worksheet, and all requested documentation, must be submitted to the Registrar by the 10th day of the semester in which reclassification is sought, and the student must comply with the Institution's process for appealing residency determinations.**

A student who disputes classification as a non-resident should take the following steps:

1. Thoroughly review the options (<https://www.lcsc.edu/registrar/residency/>) for establishing Idaho residency and determine which option best fits the student's situation.
2. If applying for residency as a dependent or independent student, review domicile requirements to ensure that the person on whom residency is based (self, parent, or spouse) has met all criteria.
3. Review documentation requirements on the Worksheet to confirm that documentation supporting the claim of residency can be provided to the Institution.
4. Submit the completed Worksheet and all required documentation to the Institution according to the Institution's procedures for reviewing residency determinations.

After submitting the Worksheet and required documentation, the Institution will review its initial residency determination and provide the student with a written notice regarding its determination.

### Institutional Appeal

Students may appeal the initial denial of residency by submitting a Student Petition Form (<https://www.lcsc.edu/media/7400504/Petition-Form-20-21.pdf>) to the Petition Committee. The student is responsible for presenting evidence requested by the Committee. The Committee will meet and consider the appeal within 30 days of the date of appeal. The student will be notified in writing of the Petition Committee's decision. The decision of the Committee is final unless the student elects to appeal further to the Board.

### Board Appeal.

A student may appeal the Committee's decision to the Idaho State Board of Education ("Board"). The decision of the Board is final and binding on all parties concerned, unless the student appeals to District Court.

Based on information provided on either the Asotin County Residency Status Request form or the Idaho Residency Determination Worksheet, a residency status (either resident, Asotin County, or non-resident) is determined. Students who disagree with the residency status they have been given, can appeal to the Petition Committee via completion of a petition form. Should verification of a student's residency status result in a change, the new status will be reflected in the student's final tuition statement.

## PATHWAYS FOR PROVING IDAHO RESIDENCY

A student enrolling at Lewis-Clark State College may prove classification as an Idaho resident for tuition purposes by meeting the criteria for one of the following options.

1. Dependent Student: Any student who has one or more parent(s)/legal guardian(s) ("parent/guardian") who is domiciled in Idaho and provides at least 50% of the student's financial support. The parent/guardian must have maintained a bona fide domicile in Idaho for at least 12 months prior to the term in which the student is applying for residency.
2. Independent Student: Any student receives less than 50% financial support from a parent/guardian; has continuously resided in, and maintained a bona fide domicile in Idaho for purposes other than education for at least 12 months prior to the term in which the student is applying for residency.

3. Graduate of an Idaho High School. Any student who is a graduate from an accredited Idaho high school, is domiciled in Idaho, and who enrolls in an Institution within six years immediately following secondary school graduation regardless of the domicile of the student's parent or guardian (except if a non-US citizen (see, definition of non-resident below)).;
4. Completed 6 Years of Elementary and Secondary Education in Idaho. Any student who completed 6 years of elementary and secondary education in Idaho, is domiciled in Idaho, and matriculates at an Institution within 6 years following completion of secondary education.
5. Married to an Idaho Resident. Any student who is married to a person who is classified, or eligible for classification, as an Idaho resident for the purpose of attending an Institution.
6. Armed Forces. Any student, the spouse of the student, or the parent/guardian of a dependent student who meets one of the following criteria:
  - a. Member of the Armed Forces who entered service as an Idaho resident, has maintained Idaho resident status, but is stationed outside of Idaho on military orders.
  - b. Member of the Armed Forces stationed in Idaho on military orders.
  - c. Officer or enlisted member of the Idaho National Guard.
  - d. Member who has been separated, under honorable conditions, from the Armed Forces after at least 2 years of service
    - i. Who at the time of separation designated Idaho as the intended domicile, and within 1 year of the date of separation enters an Institution; or
    - ii. Who listed Idaho as the home of record in service, and within 1 year of the date of separation enters an Institution; or
    - iii. Who moves to Idaho for the purpose of establishing domicile; provided however, to maintain status as a resident student, such person must actively establish domicile in Idaho within 1 year of registration at an Institution.
7. Member of the following Idaho Native American Indian Tribes. Members of the following Idaho Native American Indian Tribes "whose traditional and customary tribal boundaries included portions of the state of Idaho, or whose Indian tribe was granted reserved lands within the state of Idaho":
  8. Coeur d'Alene;
  9. Shoshone-Paiute;
  10. Nez Perce;
  11. Shoshone-Bannock;
  12. Kootenai; or
  13. Eastern Shoshone
14. Lewis-Clark State College also recognizes the following American Indian tribes' customary boundaries: Spokane, Kalispel, Colville Confederated Tribes, Confederated Salish-Kootenai Tribes, Confederated Tribes of the Umatilla Indian Reservation and Yakama Tribes.

## Becoming an Idaho Resident

The establishment of domicile in Idaho by a person formerly domiciled outside of Idaho has occurred for residency purposes if the person is present in Idaho primarily for purposes other than educational.

If a student has been enrolled at an Institution full time during the prior 12 months, the student is presumed to be in Idaho primarily for educational purposes and is a non-resident. Such period of enrollment is not counted toward the establishment of a domicile in Idaho unless the student can provide proof of full-time employment in Idaho for the prior 12 month period and the filing of an Idaho state resident income tax return for the prior tax year.

## Domicile

Domicile is an individual's true, fixed and permanent home and place of habitation; it is the place where the individual intends to remain and expects to return to when leaving without establish a new domicile elsewhere. Residency for a dependent student is based on the domicile of the student's parent/guardian. Residency for an independent student is based on the domicile of the independent student or the student's spouse.

The following is a non-exhaustive list of factors which, if supported by documentation, support a claim of domicile in Idaho:

1. Meeting at least one of the following 3 criteria for 12 months before the term in for which residency is sought:
  - a. Physical presence in Idaho;
  - b. Filing of Idaho state income tax return for a period of at least 12 months before the term in which the student proposes to enroll as a resident student; or
  - c. Permanent full-time employment or the hourly equivalent in Idaho (30 hours per week, or 120 hours per month)
2. Proving at least five of the following type of criteria for 12 months before the term for which residency is sought:
  - a. Ownership or leasing of a residence in Idaho;
  - b. Registration and payment of Idaho taxes or fees, other than income tax;
  - c. Registration to vote in Idaho;
  - d. Holding an Idaho driver's license or ID card;
  - e. Evidence of abandonment of a previous domicile;

- f. Establishment of accounts with Idaho financial institutions;
- g. Other similar factors such as:
  - i. Enrollment of dependent children in Idaho primary or secondary schools
  - ii. Acceptance of permanent employment in Idaho
  - iii. Documentation of need to care for relative in Idaho

### IMPORTANT DEFINITIONS

Non-resident. A non-resident student is any student who:

1. Does not qualify for residency under the above options; or
2. Attends an Institution with financial assistance from another country or governmental unit or agency thereof, such non-residency continuing for 1 year after completion of the term for which such assistance is last provided. WUE is classified as such financial assistance and is a disqualifying factor for Idaho residency; or
3. Is not a citizen of the United States unless the person can prove domicile in Idaho for the required 12 months and can provide verification of lawful presence in the United States such as:
  - a. permanent or temporary resident immigration status with the United States Citizen and Immigration Services ("USCIS").
  - b. "refugee-parolee" or "conditional entrant" status with the USCIS.
  - c. inspection and admittance to the United States through the USCIS and documentation showing no violations of the terms of; admittance.
  - d. deferred action for childhood arrival status with the USCIS.

Continuously Resided means has maintained a physical presence in Idaho for 12 consecutive months. An independent student must have continuously resided in Idaho for the 12 months prior to the term for which residency is sought. Evidence of physical presence in Idaho might include: utility statements; rental agreement; bank statements; documentation from Idaho employer, etc.

Primarily Educational Purposes means enrollment in more than 12 credit hours in any term during the past 12 months.

Armed Forces means the United States Army, Navy, Air Force, Marine Corps, or Coast Guard, and does not include the Reserves.

## Residence Life

### Contact Information

**Director:** Debbie Q. Kolstad, MBA

**E-mail:** dqkolstad@lcsc.edu

**Office:** Talkington Hall, Basement

**Phone:** 208-792-2053

**FAX:** 208-792-2622

**Web:** <http://www.lcsc.edu/residence-life> (<http://www.lcsc.edu/residence-life/>)

LC State provides living accommodations for students in five residence hall environments. The residence halls are relatively small, which creates a more personal environment and greater opportunity for campus involvement and lifelong friendships. All facilities have easy access to the Student Union Building, food service facilities, and the Library, and are within a short walk to any classroom building on campus. The residence halls are staffed with professional staff and trained student leaders (Resident Assistants). Residence Life staff are trained with the skills necessary to work with students to build a positive community within our halls, to enforce the rules and regulations, and to assist students in their academic and emotional growth.

### Application Procedure

1. Complete an on-line application on our website at <http://www.lcsc.edu/residence-life> or request housing information from the Office of Residence Life, Talkington Hall Basement, 208-792-2053, or [reslife@lcsc.edu](mailto:reslife@lcsc.edu).
2. Pay the \$200 deposit online at <http://www.lcsc.edu/residence-life> (<http://www.lcsc.edu/residence-life/>).

### Room and Board

Room and board rates are charged to the student's account on a semester basis, although the commitment is for the full academic year. A \$25 residence hall activity fee is charged per semester. Contracting for a room in one of the residence halls may require that a student purchase a meal plan. New students are placed in available spaces in the order that the College receives the License Agreement and the \$200 deposit. The License Agreement, by itself, will not hold a room for a student.

Upon receipt of the License Agreement and the \$200 deposit, the student will be informed of their status in relation to available rooms. A limited number of rooms are available each year. If more License Agreements are received than the number of available rooms, students will be placed on a waiting list.

## Room and Board Rates, Academic Year Contract

Please check our website for the most up to date pricing for residence hall rooms and meal plan information. For more information on financial policies as they relate to room and board payments and/or cancellations, please see the License Agreement.

Students choose from three meal plans as part of their room and board fixed rate. Choice of meal plans may include a breakfast (weekdays), brunch (weekends) and dinner meal every day. Students may use flex dollars to purchase snacks, beverages and meals not covered under their plan at all dining facilities on campus, including at concession stands during athletic and special campus events.

### Academic Year

All License Agreements are for the entire academic year, students must reside on campus during both Fall and Spring semesters. The only exceptions to this policy are if a student is no longer an LC State student for Spring semester, is newly married before Spring semester begins, or is called for active duty in the military.

### Off-Campus Rentals

A very limited number of College owned off-campus houses and apartments are available for students. Students may request an application for off-campus housing by calling 208-792-2053 or via e-mail at [reslife@lcsc.edu](mailto:reslife@lcsc.edu). Vacancies are filled first from current residence hall students during the Room Selection process in March. If there are any available rooms they will be filled with applicants from off-campus.

Residence Life also maintains a listing of community listings as a courtesy to students. This information is not verified and students are cautioned to use common sense when communicating and renting to and from strangers. <https://www.lcsc.edu/residence-life/housing-options-pricing/off-campus-rentals> (<https://www.lcsc.edu/residence-life/housing-options-pricing/off-campus-rentals/>)

## Room Rates 2022-2023

Please visit the Residence Life website for the most up to date pricing. 2023-2024 prices were not approved as of the publication of this information.

Residence Hall	Room Type	Fall Semester amount billed	Spring Semester amount billed	Total for Fall and Spring
Clark Hall	Double or Triple room	\$1,675	\$1,675	\$3,350
Talkington/Clark Hall	Single Room	\$1,975	\$1,975	\$3,950
Talkington Hall	Double, Triple or Quad room	\$1,675	\$1,675	\$3,350
Clearwater Hall	Private bedroom with 3 or 4 others in a shared suite	\$2,190	\$2,190	\$4,380
College Place	Private bedroom with 3 others in a shared suite	\$2,866	\$2,866	\$5,732
Parish House	Double or Triple room, without private bathroom	\$1,675	\$1,675	\$3,350
Parish House	Single room with semi-private bathroom	\$1,975	\$1,975	\$3,950
Summer Housing	Payment plans available for continuing students	\$1,275 - full summer		

Please make sure you read the Application and License Agreement carefully, and sign it and before returning the Agreement to the college. Please make a photocopy for your files. We want to make sure you understand the Agreement.

The rates above do NOT include:

- The \$25 per semester activity fee which helps support programming in the residence halls. The fee provides activities for you to enjoy while living on campus.
- Mandatory meal plans for Talkington, Clark and Clearwater Hall. Meal plans are optional for Parrish House and currently for College Place.

## 2022-2023 Meal Plans for Residence Hall Students (includes 6% ID sales tax)

Please check the Residence Life website, [www.lcsc.edu/residence-life](http://www.lcsc.edu/residence-life) (<http://www.lcsc.edu/residence-life/>), for the most up-to-date and detailed information. As of March 2023 we are in the process of establishing meal plans and the rates for 2023-2024.

Plan	Description	Fall	Spring
Plan 1	Weekly Meal Plan #1: Serving 14 "all-you-care-to-eat" meals a week during Breakfast and Dinner + \$250 Flex Dollars for Lunch	\$2,003	\$1,985
Plan 2	Weekly Meal Plan #2: Serving 10 "all-you-care-to-eat" meals a week during Breakfast and Dinner + \$200 Flex Dollars for Lunch	\$1,943	\$1,925

The meal plan below is for Clearwater Hall, Parrish House, College Place & Commuter ONLY

Plan	Description	Fall	Spring
Plan 3	Weekly Meal Plan #3: Serving 5 "all-you-care-to-eat" meals per week during Breakfast and Dinner + \$250 Flex Dollars for Lunch	\$1,339	\$1,327

## Student Accounts

### Contact Information

**Director of Student Accounts:** Kirstin Jeppsen

**Office E-mail:** studentaccounts@lcsc.edu (studentsaccounts@lcsc.edu)

**Office:** RCH 102

**Phone:** 208-792-2790

**Web:** <http://www.lcsc.edu/student-accounts> (<http://www.lcsc.edu/student-accounts/>)

The Student Accounts staff processes the billing of tuition and fees, receives payments, assists students with payment plans, disburses financial aid, scholarships, and other funding, and releases residual funds (aid or funding that exceeds charges). Our goal is to assist students with the financial aspects associated with enrollment at the College.

## Fees, Tuition, and Other Charges

Any person attending a class must be a registered student. By registering for classes, a student incurs a legal obligation to pay tuition and fees. Regardless of whether a student pays tuition and fees with cash, personal check, credit card, financial aid, or by some other means, it is the student's responsibility to satisfy this financial obligation by the payment due date established by the College. This debt may be canceled, or reduced, only if the student officially withdraws from the College. If a student drops on or after the first official day of the semester, the refund policy applies. (See Refund of Tuition and Fees.) The fees listed below are for the 2022-2023 academic year only and are subject to change thereafter as directed by the Idaho State Board of Education. For fee-paying purposes, full-time status is defined as 12 or more credits per semester hour for undergraduate programs and 9 or more credits per semester hour for graduate programs. Please contact Student Accounts for the most current information. For information on additional course fees, see the Course Fees section. For residence hall/campus housing costs, see the Residence Life Section.

### 2022-2023 Tuition and Fee Schedule

Description	Amount	Terms
Full-Time Idaho Resident Undergraduate Tuition & Fees	\$3,498	per semester
Full-Time Non-Resident Undergraduate Tuition & Fees	\$10,126	per semester
Full-Time Asotin County Resident Undergraduate Tuition & Fees	\$5,533	per semester
Part-Time Undergraduate Tuition & Fees (1-9 credits)	\$358	per credit
Part-Time Undergraduate Tuition & Fees (10-11 credits)	\$3,498	per semester
Overload Undergraduate Tuition (20+ credits/semester)	\$358	per credit
Full-Time Idaho Resident Graduate Tuition & Fees	\$4,703	per semester



Full-Time Non-Resident Graduate Tuition & Fees	\$11,629	per semester
Part-Time Graduate Tuition & Fees (1-8 credits)	\$470	per credit

## Consolidated Mandatory Fee

Any reference to fees in the Tuition and Fee Schedule above refers to the Consolidated Mandatory Fee that is approved by the Idaho State Board of Education annually. Additional details including the breakdown of the Consolidated Mandatory Fee or information about optional fees can be found on the LC State Budget Office webpage at <https://www.lcsc.edu/budget/student-tuition-and-fees> (<https://www.lcsc.edu/budget/student-tuition-and-fees/>).

## Course Fees

Some classes have additional course fees (lab fees, online technology fees, etc.). Course fees are subject to change without prior notification. Students enrolling in classes with course fees must pay these fees. Course fees are subject to the same payment due dates established by the College for tuition and fees. If course fees are incurred as a result of a schedule change, the additional course fees are due and payable at the same time the class(es) are added. Course fees are displayed in Student Planning's course catalog by clicking on the section to view the Section Details. Please contact Student Accounts for the most current information.

## Late Fees

All tuition, housing, and meals, as well as other fees billed to the student account, are due on or before the fifth day of the semester. Late fees will be assessed to accounts that are not paid in full or don't have a signed payment plan contract after the payment deadline. Late fees are calculated from the start of the semester, not when a particular class begins. Students who do not pay or make formal payment arrangements may have their schedule canceled for non-payment. There is a specific procedure and limited time frame for students to reinstate their enrollment once canceled for non-payment.

Students who have been certified for Chapter 31 or 33 funding will not incur late fees if their balance does not exceed their certified amount.

Late fees will be assessed per semester as follows:

Description	Fee
Day 1-5	no late fee
Day 6-10	\$50
Day 11 and thereafter	\$100
Reinstatement fee	\$100

## Fees for Employees, Spouses, and Retirees

LC State employees who work half-time or more, and the employees' spouse, may be eligible for reduced fees under certain conditions. The employee and/or spouse should contact the Human Resources Office and review the college policy 3.130 before enrolling in courses. LC State faculty emeriti and staff retirees, and their spouses, are also eligible for a fee reduction. Reduced fees are only considered for part-time enrollment.

## Fees for Employee's Dependents

Permanent College employees may be eligible to have a dependent receive a 50% reduction in resident and non-resident tuition and fees. This benefit is limited as described in policy 3.130.

## Fees for Idaho Senior Citizens

A senior citizen must be an Idaho resident and at least 60 years of age on or before the first official day of the semester to qualify for the Senior Citizen fee discount. Idaho senior citizens must present state-issued identification to Student Accounts to establish eligibility by the first official day of the semester. The reduction in fees only applies to part-time enrollment up to 6 credits for fall and spring semesters and 3 credits during summer sessions. The total of reduced rate and normal rate credit hours shall not exceed 11 hours per semester. These reduced-rate educational privileges are not available to senior citizens who are full-time students. Course fees are not subject to a fee reduction.

## Miscellaneous Charges

The fees listed are subject to change without prior notice. Please contact Student Accounts, Registrar and Records, or the respective divisions for the most current information.

Description	Amount
Application for Admission Fee-International	\$50
Applied Music Instruction	(Contact the Humanities Division)

Credit by Exam (Challenge) Fee	\$70
Course Fees	Varies
Graduation Cap and Gown	(Contact the Bookstore)
Late Fees, Reinstatement Fee	\$25-\$200
Nursing Fee	(Contact the Nursing and Health Sciences Division)
Parking Permit-Annual	\$75
Parking/Traffic Violations	\$10 or more
Payment Plan Contract Fee	\$25/contract
Portfolio Exam Fee	\$70
Portfolio Review Fee	\$75/course
Portfolio Preparation Course	\$50
Returned ACH/Check Payment Fee	\$20/returned item
Teaching Education Fees	(Contact the Education Division)
Transcript Fee	Varies \$10-\$50

## Payment Plans

College policy states that all tuition, fees, housing, and meal charges are due on or before the fifth official day of the semester. However, the College recognizes that financial emergencies may make it difficult for a student to tender payment in full by the fifth day of the semester. Therefore, students who do not have any delinquent accounts with the Institution and have not defaulted on any previous financial obligations incurred at LC State are given special consideration and may be permitted to make payment arrangements for payment of fees.

Students allowed to make fee payment arrangements will be required to sign a formal promissory note and will be assessed a \$25 non-refundable service charge. The standard payment plan requires a 50% down payment and the remaining balance is generally due in two equal installments. Payment plans with extended dates or reduced down payments may be an option. Payment is required as specified on the promissory note and must be paid in full before the end of the term. Payment plan contracts must be paid in full before students can register for the next term. Unpaid payment plans could invoke cancellation of enrollment in the next term. International students typically do not need a payment plan since a condition of their student visa requires proof of sufficient funding for the entire course of study. However, if a delay with international banking, or a financial emergency, prevents the ability to tender payment in full by the fee payment deadline, the student should contact Student Accounts before the deadline to arrange a delayed fee payment agreement.

## Sponsored Students

Certain third parties, via written authorization, are allowed to provide financial assistance for specified students. Most governmental entities and some employers are eligible for this service. Students will initially work directly with the funding agency or company and the funding authorization should be sent to Student Accounts for processing. More information is available from the Student Accounts staff.

## Returned Checks & Credit Card Chargebacks

A fee of \$20.00 will be assessed on returned checks, including electronic checks. A student who presents a check to pay tuition that is subsequently returned by the bank upon which it is drawn may be assessed late payment fees as if he or she had failed to submit payment on a timely basis. Credit or debit card payments that are later disputed by the cardholder will potentially result in late fees and enrollment cancellation for non-payment.

## Financial Aid Release

The earliest federal financial aid can be disbursed to student accounts is 10 days before the Fall or Spring semester for students who have returned their award letters along with any other required documents, and are registered for the appropriate number of credits. If the financial aid disbursed exceeds the total charges billed, residual funds will be processed by paper check or direct deposit. The initial disbursement of residual funds before the term begins is limited to \$2,500. Any remaining residual funds will be released to the student after their academic activity has been verified for the semester.

Residual funds are released by paper check the first business day before the official start date of the semester to students with credit balances. Only students who are signed up for direct deposit on WarriorWeb and submit their Intent to Attend by the deadline, may have residual funds direct deposited before the semester begins. Financial aid and residual funds will continue to be processed on a weekly basis throughout the semester. Aid release policies are subject to change as needed to comply with federal financial aid regulations.

Academic activity verification is required to support all aid disbursements. Students who receive financial aid and fail to participate in their class(es) will be liable for immediate repayment of financial aid funding reductions. Residual checks are released by Student Accounts; photo identification is required. For information regarding residual check availability, please contact Student Accounts.

Federal financial aid recipients 'earn' their aid as the semester progresses. When a federal aid recipient withdraws, a pro-rata schedule is used to determine the total amount of funds the student has earned at the time of withdrawal. LC State returns the 'unearned' aid to the applicable federal program, which will reduce the funding on the student account. An aid recipient who has attended 60% of the term is considered to have 'earned all of their aid'. **Students who receive federal aid and do not complete 60% of the semester must repay a portion of the 'unearned' aid immediately.** The earlier a student withdraws, the less aid they earn. Students who do not earn any credits *and do not withdraw* may have their earned aid calculation based on the mid-point of the semester, or the last date of an academically related activity in which the student participated and the school can verify

International students may receive qualified and/or non-qualified scholarship funding. Non-qualified scholarship funds are subject to federal tax withholding, based on specific criteria defined by IRS regulations and documentation provided by the student to the Student Accounts office.

## Refund of Tuition and Fees

The refund policy is subject to change without prior notice. Refunds are based on a 16-week semester for the Fall and Spring Semesters, contingent upon payment in full of tuition and fees. Upon completion of the withdrawal process, students are entitled to a refund of tuition and fees as established by the College and federal regulations regarding Title IV federal financial aid. Failure to initiate and/or complete the withdrawal process will result in no refund. The refund schedule for Fall and Spring Semesters is shown below. **The Summer Sessions refund schedule is available on the Student Accounts webpage.**

## Total Withdrawal from All Semester Courses

Notifications of withdrawal and requests for refunds must be in writing. Refunds are processed upon the completion of the withdrawal process. Please see the withdrawal information located in the Registrar and Records section for procedural details. Federal financial aid recipients 'earn' their aid as the semester progresses. When a federal aid recipient withdraws, a pro-rata schedule is used to determine the amount of funds the student has earned at the time of withdrawal. Students who do not earn any credits and do not withdraw may have their earned aid calculation based on the mid-point of the semester or the last date of a verified academic-related activity. Federal regulations regarding Title IV federal financial aid take precedence over institutional policy for refunds to recipients of Title IV financial aid. If Title IV funds are involved and a student fails to withdraw and fails to complete any credits, the student will be responsible to pay LC State, within 30 days, the amount returned by LC State under the Return of Title IV Funds federal regulations. The same calculation used for the Department of Education Title IV refunds applies to the Department of Defense Tuition Assistance refunds.

### REFUND SCHEDULE:

When a withdrawal is completed before the first day of the semester, 100% of the tuition and fees will be refunded. If a withdrawal is completed after the semester has begun, the following schedule applies:

Week	Refund %
1	100%
2	100%
3	50%
4	0%

### COURSE FEES WILL BE REFUNDED AS FOLLOWS:

Day	Refund
1-10	100%
11 and thereafter	0%

- Overload fee refunds follow the same schedule as tuition and fees.
- Discounted registration fees for eligible Idaho senior citizens, employees/spouses, or retirees/spouses follow the same schedule as course fees.
- All refunds include an administrative fee equal to 5% of fees and tuition.
- Refunds of less than \$10.00, that are not from federal funding, can be refunded by direct deposit or cash. Direct deposit refunds for less than \$10 that are subsequently rejected by the bank may be forfeited.
- If tuition and fees are paid by credit card, refunds will be applied back to the credit card when possible.

### ORDER OF REFUND DISTRIBUTION:

For students who have NOT received federal financial aid, refunds are distributed to the appropriate party in the following priority order.

1. Sponsored funding, if applicable
2. Scholarship(s) or other funding, if applicable
3. Student

For recipients of federal financial aid, refunds are distributed in the following order based upon Return of Title IV Funds regulations:

1. Unsubsidized FFEL/Direct Stafford Loan
2. Subsidized FFEL/Direct Stafford Loan
3. Federal Perkins Loan
4. FFEL/Direct PLUS Loan
5. Federal Pell Grant
6. Federal SEOG
7. Other Student Title IV Aid Programs
8. Sponsored Funding, if applicable
9. Scholarship(s), if applicable
10. Other funding, if applicable (i.e. alternative loans)
11. Student

Students who withdraw from school, and whose financial aid disbursements exceed the amount of Title IV aid earned during their enrollment period, may be required to repay a portion of their Title IV financial aid. Please contact Student Accounts for important information.

## Withdrawal from One or More Courses

Notifications of withdrawal and requests for refunds must be in writing. Refunds are processed upon the completion of the withdrawal process. Please see the withdrawal information located in the Registrar and Records section of this catalog.

*Refund Schedule:* The refund schedule referenced above is applicable for all refunds processed as a result of withdrawing from one or more courses.

*Order of Refund Distribution:* Refunds will be distributed in the order noted below based upon the number of remaining credits after the withdrawal has been processed.

### REMAINING CREDITS EQUAL 6 OR MORE: REFUNDS ARE DISTRIBUTED IN THE FOLLOWING ORDER:

1. Sponsored funding, if applicable
2. Student

### REMAINING CREDITS EQUAL 5 OR LESS: REFUNDS ARE DISTRIBUTED IN THE FOLLOWING ORDER:

1. Sponsored funding, if applicable
2. Title IV Financial Aid, if applicable
3. Scholarship(s), if applicable
4. Other funding, if applicable (i.e. alternative loans)
5. Student

Please contact Student Accounts to discuss the financial ramifications of withdrawing from courses or the Institution.

## Delinquent Accounts

Privileges generally granted to students, including the receipt of transcripts and diplomas, are not available to students who are delinquent in the payment of any financial obligation to the Institution. When financial obligations are not paid in full by the due date or satisfactory arrangements for payment have not been made with the Student Accounts Director, or his/her designee, students may not be allowed to remain in class and will not be allowed to register for ensuing classes. Delinquent accounts are referred to a commercial collection agency. In addition to any balances owed, students are responsible for the costs of collection, including interest, penalties, collection agency fees, court costs, and attorney fees. Collection agency fees may be based on a percentage, at a maximum of 33.3% of the debt. Payment agreements and terms are pursuant to Idaho state laws. Delinquent accounts may be reported to one or more of the national credit bureaus.

## Student Counseling Center

### Contact Information

**Director:** Douglas L. Steele, MA  
**E-mail:** counseling@lcsc.edu (dlsteele@lcsc.edu)  
**Office:** SGC 211/212  
**Phone:** 208-792-2211

**FAX:** 208-792-2453

**Web:** <http://www.lcsc.edu/student-counseling> (<http://www.lcsc.edu/student-counseling/>)

## Overview

The Student Counseling Center assists students to improve their emotional, psychological and relational well-being while also supporting their academic success, personal autonomy, and developmental growth.

## Counseling Services

The Student Counseling Center provides free mental health counseling for both full and part-time students at LC State. At any age, adjustment to college represents a major life transition and counseling is a collaborative learning process that assists students in taking responsibility for their lives and education. Licensed counselors, social workers, and a psychologist are available to assist students with a variety of personal and mental health issues which may impede academic progress and personal growth.

Services are typically provided to individuals and couples, however, time-limited and topic-focused therapy groups are occasionally available based on need or interest. Substance abuse assessment and career counseling services are also provided. The Student Counseling Center may also respond to students in crisis situations and facilitates referral to other campus or community medical/behavioral health providers as needed. The providers at the Student Counseling Center adhere to Idaho state law and their respective ethical codes governing their practice.

## Confidentiality

All student information is kept confidential in accordance with Idaho and federal laws and ethical guidelines governing professional counseling practices. Generally, the student must provide written permission to Student Counseling Center staff authorizing release of information to anyone other than those professionals directly involved in the plan of care, except for various limited exceptions as allowed by law.

## Student Employment - Career Center & LC Work Scholars

### Contact Information

**Director:** Erin Cassetto

**E-mail:** [secc@lcsc.edu](mailto:secc@lcsc.edu)/[secc@lcsc.edu](mailto:secc@lcsc.edu)

**Office:** SUB 202

**Phone:** 208-792-2144

## The Student Employment - Career Center & LC Work Scholars' office is here to help you do more, experience more and earn more.

- Looking for part-time work on or off campus? We're here to help, or check out the latest job listings on Handshake (<https://lcsc.joinhandshake.com/login/>).
- Trying to find that perfect internship? Visit our online job-search platform Handshake (<https://lcsc.joinhandshake.com/login/>).
- Want to reduce student loan debt, earn a tuition scholarship and stipend--maybe even graduate debt free? Check out LC Work Scholars. (<http://www.lcsc.edu/work-scholars/>)
- Ready to launch your career and find your first career job? Let's get to work! We'll help you with practice interviews, review your resume and help you write that first cover letter.

## Career Center

The Career Center is here to help you conduct a successful job search whether you are looking for part-time work now, an internship, or that first big career job. We provide services such as:

- Handshake, your online job-search platform, where you can find part-time or full-time jobs and internships
- Earn your Career Readiness Credential (<https://www.lcsc.edu/student-employment/career-readiness/>) by participating in events like:
  - Mock (practice) Interviews
  - Job search coaching sessions (including assistance with resumes and cover letters)
  - Workshops, seminars & Career Tip Tuesdays
  - Fall Career & Graduate School Fair
  - Hiring Events throughout the year

**Looking for a paid internship, or part-time job on/off campus?**

For a fresh list of internship opportunities (local, national, and global) please search Handshake (<http://lcsc.joinhandshake.com/>). Part-time job listings on-campus and in the region can also be found on Handshake (<http://lcsc.joinhandshake.com/>). Didn't find the company you were looking for? Let us help. We help build relationships and develop new internships all the time.

**Searching for that first job in your degree field?**

Power your job search with Handshake (<http://lcsc.joinhandshake.com/>). It's where talent (that's you) meets opportunity. Handshake is our online job-search platform.

## LC Work Scholars

LC Work Scholars (<http://www.lcsc.edu/work-scholars/>) is a program unique to Lewis-Clark State College. Designed to reduce student loan debt, Work Scholars (students) graduate from the program with valuable work experience and professional skills in addition to their degree or certificate. Tuition scholarships as well as stipends are awarded to highly motivated individuals who demonstrate academic success as well as financial need. Additionally, students may earn internship credit for their Work Scholars experience. Work Scholars are incorporated into community and campus workforces at assigned placement sites where they build and practice workplace skills in communication, problem solving, time management, accountability and adaptability. By purposefully integrating work experience and community service into the traditional academic environment, the LC Work Scholars program helps students build a pathway to real world success while reducing the financial burden of higher education. Interested in becoming a Work Scholar, simply click on the Interested Student Link. (<https://www.lcsc.edu/work-scholars/interested-students/>)

## Student Health Services

### St. Joseph Regional Medical Center (SJRMC) On-Campus Clinic Contact Information

**Nurse Practitioner:** April Christenson, FNP-C

**Office:** SGC 205

**Phone:** 208-792-2251

**FAX:** 208-792-2882

**Web:** <http://www.lcsc.edu/student-health/>

## Overview

Student Health Services has been a vital service for students over the years. LC State has partnered with SJRMC (<https://www.sjrmc.org/>) to provide high quality and affordable health services, allowing students access to an expanded range of quality health specialties and services as needed. All students, full or part-time, are eligible to seek care at Student Health Services.

- Medical care of acute problems
- Management of chronic medical problems
- Preventative health visits
- Vaccinations
- Wellness education
- Cancer screenings appropriate for age and risk factors
- Testing, immunizations
- Sports physicals
- Laboratory services
- Care for pre-existing conditions & physical exams

If you require more specialized care, your clinician may refer you to a specialist in the local community for further evaluation and treatment.

## Fees

Students accessing services through the Student Health Services clinic work directly with the SJRMC Physician Billing Office for questions regarding billing and fees for services rendered. Please see the Financial Assistance Policy (<https://www.sjrmc.org/billing-financial-assistance/>) for further information on accepted insurance plans and additional information on billing and financial assistance. You can also contact the billing office by phone at 208-750-7474.

# Student Union Building/Center for Student Leadership (SUB/CSL)

## Contact Information

**Director:** Tate Smith

**Email:** [ttsmith@lcsc.edu](mailto:ttsmith@lcsc.edu)

**Office:** SUB/CSL 208

**Phone:** 208-792-2060

**FAX:** 208-792-2170

**Web:** <https://www.lcsc.edu/sub-csl> (<https://www.lcsc.edu/sub-csl/>)

The Center for Student Leadership is committed to preparing students to become successful leaders, engaged citizens and lifelong learners. The programs that operate out of the center strive to develop well-rounded students by supplementing their academic experiences. The programs and offices found within the center enrich students college experience by providing student-oriented opportunities that promote diverse learning, exploration, and campus involvement. These opportunities include Student Clubs and Organizations, Student Government (ASLCSC), Newspaper (The Pathfinder), Radio Station (KLCZ 88.9FM), Warrior Entertainment Board, and the Student Employment and Career Center.

## Services

- Room/space scheduling (Event and Conferences)
- WarriorOne Card creation
- WarriorBuck deposits & services
- Information dissemination (Campus Switchboard)
- Board game and athletic equipment checkout
- Equipment checkout (Xbox, Wii, Switch, ping-pong, pool sticks, shuffleboard, etc.)

## Contact Information

**Coordinator of Student Involvement:** Kristin Myers

**E-mail:** [kmmyers@lcsc.edu](mailto:kmmyers@lcsc.edu) (<http://catalog.lcsc.edu/student-affairs/student-union-building-center-student-leadership/kmmyers@lcsc.edu>)

**Office:** SUB/CSL 220

**Phone:** 208-792-2717

**Web:** <https://www.lcsc.edu/student-involvement> (<https://www.lcsc.edu/student-involvement/>)

## Student Involvement

The Office of Student Involvement offers programs and services that encourage students to engage with the campus community. A student's participation in these activities is an integral part of the total educational experience of LC State. Through involvement, students have a chance to explore opportunities, learn and practice skills, have an impact on their environment and gain a greater sense of belonging to the campus community.

## Associated Students of LC State

The Associated Students of Lewis-Clark State College (ASLCSC) represents the students of LC State. The ASLCSC operates under a council structure; with an elected President, Vice-President, and 8 Senators.

All currently enrolled LC State students are members of the Associated Students of LC State. To be eligible for a Student Government Office, students shall be in good standing with the college and maintain a collegiate cumulative grade point average of at least 2.5.

All students are encouraged to participate in ASLCSC functions actively or as observers. ASLCSC Tuesday Council meetings are open to the public and the ASLCSC Office operates with an "open door" policy. For information stop by SUB/CSL 219/220.

## Warrior Entertainment Board

The Warrior Entertainment Board (WEB) is a student organization that plans and implements many social, cultural, and educational activities both on and off campus. The WEB is managed by students and funded by student fees.

The WEB operates with a Chairperson and four program leads. To join the WEB, come to our Wednesday Meetings, or contact the WEB in SUB/CSL 218, 208-792-2069, or [entertainment@lcsc.edu](mailto:entertainment@lcsc.edu).



## Student Organizations

Lewis-Clark State College offers the opportunity to be involved in numerous different student clubs or organizations. Recognized student clubs and organizations represent the full spectrum of interests of LC State students in areas including cultural activities, academics, recreation, religious, social, and other interests.

The Office of Student Involvement serves as a resource center for faculty and staff who serve as advisors to student organizations. Visit Presence (<https://lcsc.presence.io/>) for a list of all active student clubs and organizations at LC State. For additional information or to start a new club, please contact the Office of Student Involvement at [studentinvolvement@lcsc.edu](mailto:studentinvolvement@lcsc.edu) or 208-792-2717.

## Student Publications

The Pathfinder, a bi-weekly and virtual newspaper, provides an opportunity for student expression and serves as a means of communication. It offers valuable experience in writing, editing, copy-reading, photography, advertising, and design. By fulfilling certain basic requirements, students may earn academic credit for staff participation. The Pathfinder is available online (<https://www.lcsc.edu/student-involvement/student-media-entities/student-newspaper-pathfinder/>).

The Talking River Review is a student publication that displays the creative writing and artistic talents of LC State students, faculty, and international authors. The Talking River Review is produced by students and is available on an annual subscription basis. It is published with the support of the Division of Humanities.

## LCSC Radio

LC State provides opportunities for students interested in radio broadcasting. The campus radio station is operated by the students and is located in the Center for Student Leadership. The station consists of free format programming including music, sports talk/broadcast, news, weather and podcasting. The station is dedicated to serving the campus and local community as a non-commercial educational web-streaming station. The station can be accessed online (<https://www.lcsc.edu/student-involvement/student-media-entities/student-radio-klcz/>) and heard around the world.

## The Advising Center

### Contact Information

**Senior Director:** Debra Lybyer, M Ed

**E-mail:** [dlybyer@lcsc.edu](mailto:dlybyer@lcsc.edu)

**Office:** RCH 208

**Phone:** 208-792-2313

**FAX:** 208-792-2298

**Office e-mail:** [tac@lcsc.edu](mailto:tac@lcsc.edu)

**Web:** <http://www.lcsc.edu/advising> (<http://www.lcsc.edu/advising-center/>)

The Advising Center performs the following general functions:

- Coordinate and organize new student advising and registration events and activities;
- Provide academic advising and support for first time freshmen and other at-risk student populations;
- Assist students with exploration of college majors and/or career options and provision of informational resources to support that function; and
- Provide career counseling and support for single parents/displaced homemakers and students pursuing majors and career paths not traditionally associated with their genders.

## Educational Advising

At LC State, educational advising is viewed as the foundation for a successful college experience. **Academic Students:** First time freshmen and transfer students with less than 14 credits are initially advised by staff advisors in an advisor coaching model coordinated through The Advising Center. While working with staff advisors, students will take an extended orientation course during which they will complete an academic plan, a career plan, and will participate in engagement activities on campus. Once complete, students will be assigned an academic advisor in the instructional division of their major. Upon the start of their initial semester at LC State, freshmen will also be provided with a faculty mentor and a peer mentor. **Career & Technical Education Students:** First time freshmen and transfer students with less than 14 credits will be advised for their initial semester of courses through The Advising Center. Once registered through a STAR program, students will be assigned to a faculty advisor(s) within their program and will be provided a peer mentor. If registered as a pre-program student, they will be provided with a staff advisor, faculty advisor(s), and peer mentor until fully admitted to their program. **Transfer and Returning Students:** Students admitted with over 14 transferable credits post-high school are directed to the instructional divisions of their major and are advised by faculty advisors within their disciplines. **All Students:** Advisors assist students in selecting courses to meet the college's various degree and certification requirements. All degree-seeking students are required to meet with an advisor prior to registering for classes each term. Advisor assignments occur when a student completes a Program Information Form (PIF). These



forms can be obtained online (<https://www.lcsc.edu/registrar/student-information/student-resources>), from the Office of Admissions, Office of the Registrar, or the instructional division office of their respective major. Students who have chosen a major will be assigned an advisor within their division.

## Undeclared Student Advising

LC State encourages the enrollment of students who are unsure of their educational career goals. The majority of students who are undecided about their future major will declare an Associate of Arts in Liberal Arts which includes the General Education Core required of all degrees at LC State. While completing the requirements for this degree, students will work closely with their academic advisor to move toward choosing a major by taking advantage of career exploration offerings during their initial academic semesters.

## At-Risk Advising

Through a comprehensive support and intervention program, The Advising Center works directly with students to help ensure academic success. Provisionally Admitted academic students will be referred to The Advising Center for consultation and assistance regarding progress toward their General Education Core completion requirement. The Advising Center informs advisors in the instructional divisions about requirements and notifies them of the status of their current advisees. The Advising Center staff regularly make contact with first year students who are referred by faculty and/or showing signs of academic distress. Students who are entering, or re-entering, through the petition process may also be referred to The Advising Center for assistance in navigating their initial semesters at the college. Staff will provide information about services and support available to them during their college career.

## Peer Advising Program

The Advising Center offers a Peer Advising Program through which qualified LC State students can assist in advising and supporting new and current students to the college. Interested students can contact The Advising Center for more information about this program.

## Career Exploration

Students who are in the process of selecting a major and/or determining a career to pursue following graduation are welcome to participate in various career exploration activities. Students are encouraged to conduct information interviews, job shadows, and to use US Department of Labor career assessment system ([www.careeronestop.org](http://www.careeronestop.org)) to consider how their interests, values, and skills relate to the world of work.

## Center for New Directions

The Center for New Directions (CND) helps single parents and displaced homemakers/workers who are in transition to become personally and economically self-sufficient. This service, housed in The Advising Center, provides brief career and educational counseling to help individuals recognize their abilities and interests, set goals, solve problems, and find a positive life direction.

## TRIO Talent Search

### Contact Information

**Director:** Dr. Traci Birdsell

**E-mail:** [tbirdsel@lcsc.edu](mailto:tbirdsel@lcsc.edu)

**Office:** Reid Centennial Hall, Rm 215

**Phone:** 208-792-2913

**FAX:** 208-792-2782

**Web:** <https://www.lcsc.edu/educational-talent-search> (<https://www.lcsc.edu/educational-talent-search/>)

Talent Search is a federally funded program serving 592 students in Grangeville, Kooskia, Kamiah, Orofino and Timberline, in grades 6-12, focusing on those whose families are on a limited income and whose parents did not earn a bachelor's degree. The program targets students who have the desire and the potential to seek post high school education, which includes two, and four-year colleges and technical schools. Talent Search assists students to gain a better understanding of their educational opportunities and options; therefore, all students are encouraged to apply.

Talent Search provides services such as:

- Study skills
- Tutoring
- Career development activities
- Time management skills
- Organizational skills
- Goal setting
- Academic advice
- Scholarship searches

- Campus visits
- ACT/SAT preparation
- Assistance with financial aid, scholarship and admission application processes
- Information on colleges, vocational schools and technical schools

Funding: The grant is 100% federally funded from the US Department of Education at \$328,413 annually.

# ADMINISTRATION & FACULTY

## Idaho State Board of Education

Linda Clark, President, Boise, 06/2026  
 William G. Gilbert, Jr., Vice President, BAHR Chair, Boise, 06/2026  
 David Hill, Audit Chair, Boise, 06/2027  
 Kurt Liebich, PPGA Chair, Boise, 06/2024  
 Cally J. Roach, IRSA Chair, Retirement Plan Committee Chair, Fairfield, 06/2023  
 Shawn Keough, Member, Sandpoint, 06/2024  
 Cindy Siddoway, Member, Terreton, 06/2025  
 Debbie Critchfield, Superintendent of Public Instruction, Secretary, Oakley, 01/2027

## Lewis-Clark State College Administration

Cynthia Pemberton, PhD, President

Andrew Hanson, PhD, Senior Vice President and Vice President for Student Affairs

Fred Chilson, PhD, Provost and Vice President for Academic Affairs  
 Julie Crea, PhD, Vice President for Finance & Administration  
 Grace Anderson, PhD, Vice President for Institutional Research, Planning & Effectiveness  
 Martin Gibbs, MA, Dean for School of Liberal Arts & Sciences  
 Luther Maddy, PhD, Dean for School of Professional and Graduate Studies  
 Jeffrey Ober, PhD, Dean for Career & Technical Education

## Division Chairs

Michelle Nelson, PhD, Assistant Dean for CTE and Chair of Business Technology & Service Division  
 Ayodeji Arogundade, PhD, Associate Professor, Chair of Business & Computer Science Division  
 Julie Bezerides, MA, Associate Professor, Interim Chair of Humanities Division  
 Rachel Jameton, PhD, Assistant Professor, Chair of Physical, Life, Movement, and Sport Science Division  
 Johanna Bjork, MLS, Associate Professor, Library  
 Christopher K. Riggs, PhD, Professor, Chair of Social Sciences Division  
 Krista Harwick, DNP, Associate Dean for Professional Studies and Professor, Chair of Nursing & Health Sciences Division  
 Mark Haynal, PhD, Professor, Chair of Teacher Education & Mathematics Division  
 Jennifer Weeks, MEd, Professor, Chair of Technical & Industrial Division

## Faculty

Adkins, Tracy, MSN, Nursing and Health Sciences Division, Assistant Professor  
 Agee, Joan, DNP, Nursing and Health Sciences Division, Assistant Professor  
 Allison, Kerensa L, PhD, Social Sciences Division, Professor  
 Anderson, Jennifer S, MFA, Humanities Division, Assistant Professor  
 Arogundade, Ayodeji, PhD, Business Division, Professor/Division Chair  
 Arogundade, Bukola, MSN, Nursing and Health Sciences Division, Assistant Professor  
 Barnes, Ralph, PhD, Social Sciences Division, Assistant Professor  
 Bell, Charles, Technical & Industrial Division, Instructor  
 Bezerides, Alex L, PhD, Natural Sciences & Mathematics Division, Professor  
 Bezerides, Julie, MA, Humanities Division, Associate Professor  
 Bjork, Johanna, MLS, Library Division, Director  
 Blamires, Casey L., BAS, Business Division, Associate Professor  
 Booth, Brent, PhD, Business Division

Bradshaw, Seth C., PhD, Humanities Division, Assistant Professor

Brady, Matthew J, PhD, Natural Sciences & Mathematics Division, Professor

Brando-Subis, Christina, M.Ed, Teacher Education Division, Instructor

Britzman, Kylee, PhD, Social Sciences Division, Assistant Professor

Candler, Joelle, AAS

Canfield, Amy E, PhD, Social Sciences Division, Professor

Carmack, Teresa, PhD, Teacher Education Division, Instructor

Carstens Namie, Emily, PhD, Social Sciences Division, Assistant Professor

Chambers, Jenna, MSN, Nursing and Health Sciences Division, Associate Professor

Claussen, Brady, Technical & Industrial Division, Assistant Professor

Connelly, Lauren, PhD, Humanities Division, Associate Professor

Coulter, Samantha, Business Technology & Service Division, Assistant Professor

Cromer, Jennifer J, MLIS, Library Division, Librarian

Cronin, Chelsea, MSN, Nursing and Health Sciences Division, Associate Professor

Crook, Harold, PhD, Humanities Division, Professor

Cruthirds, Douglas, MPA

D'Arcy-Evans, Michele, PhD, Nursing and Health Sciences Division, Professor

Daly-Galeano, Marlowe, PhD, Humanities Division, Associate Professor

Davenport, William R. , MBA, Business Division, Assistant Professor

Davis, Christa, PhD, Natural Sciences & Mathematics Division, Associate Professor

Deal, Christine, MSN, Nursing and Health Sciences Division, Assistant Professor

Diemert, Kacey, PhD, Teacher Education Division, Associate Professor

Earles, Laura, PhD, Social Sciences Division, Professor

Edgehouse, Michael J, PhD, Natural Sciences & Mathematics Division, Associate Professor

Ellis, Celeste, MSN, Nursing and Health Sciences Division, Assistant Professor

Engledow, Nicole, MSN, Nursing and Health Sciences Division, Instructor

Eriksen, Randel W, JD, Business Division, Professor

Eslami, Tirazheh, MFA, Humanities Division, Instructor

Eylar, Jeannie

Farrington, Rodney D., AAS, Business Technology & Service Division, Assistant Professor

Fay, Erin, DNP, Nursing and Health Sciences Division, Associate Professor

Fehr, Collin, EdD, Natural Sciences & Mathematics Division, Assistant Professor

Ferguson, Kyle, MA

FitzSimmons, Kelly, LMSW, Social Sciences Division, Assistant Professor

Flynn, Tracy, PhD

Frei, William J, AAS, Technical & Industrial Division, Professor

Gardner, Jennifer, EdD, Teacher Education Division, Assistant Professor

Gehring, Lonny, BS, Technical & Industrial Division, Associate Professor

Genthos, Rachele, PhD, Social Sciences Division, Associate Professor

Goforth, Magen, Business Technology & Service Division, Assistant Professor

Gonder, Kristy K, MS, Nursing and Health Sciences Division, Associate Professor

Graham, Sarah, DMA, Humanities Division, Associate Professor

Greene, Heidi, MSN, Nursing and Health Sciences Division, Assistant Professor

Hain, Alan P, MAT, Teacher Education Division, Instructor

Halpin, Marcy L, MA, Humanities Division, Assistant Professor

Hankins, Jennifer, MLIS, Library Division, Librarian

Harman, William, EdD, Teacher Education Division, Associate Professor

Harris, Renee, PhD, Humanities Division, Assistant Professor

Harwick, Krista L, DNP, Nursing and Health Sciences Division, Professor/Division Chair

Hasbrouck, N. Sue, PhD

Haynal, Mark, EdD, Teacher Education Division, Professor/Division Chair

Hiebert, Sterling, Technical & Industrial Division, Assistant Professor

Hill, Thomas, Teacher Education Division

Hoffmann, Leif S, PhD, Social Sciences Division, Associate Professor

Holman, Natalie H., BAS, Business Technology & Service Division, Assistant Professor

Hornby, Jacob M, PhD, Natural Sciences & Mathematics Division, Professor

Hughes, Lorinda L, M.Ed., Nursing and Health Sciences Division, Professor

Hutchinson, Burma, MS, Teacher Education Division, Instructor

Irish, David, Technical & Industrial Division, Assistant Professor

James, Jennifer, Business Technology & Service Division, Instructor

Jameton, Rachel A, PhD, Natural Sciences & Mathematics Division, Professor

Johnston, Matthew A, PhD, Natural Sciences & Mathematics Division, Professor

Johnston, Nancy, PhD, Natural Sciences & Mathematics Division, Associate Professor

Kaitz, Rachel E, DBA, Business Division, Associate Professor

Kammers, Bryce, MA, Humanities Division, Instructor

Keatts, Ella-Mae, MSN, Nursing and Health Sciences Division, Associate Professor

Kimble, Jay E, Technical & Industrial Division, Professor

Kincaid, Darcy A., MA, Business Technology & Service Division, Assistant Professor

Kloepfer, Beverly A, MSN, Nursing and Health Sciences Division, Associate Professor

Knutson, Polly J., MS, Business Division, Assistant Professor

Koch, Tracey, MSN, Nursing and Health Sciences Division, Associate Professor

Kok, John, MS, Technical & Industrial Division, Professor

Kolstad, Brian, BAS, Business Technology & Service Division, Professor

Kuther, Andrew, AAS, Technical & Industrial Division, Assistant Professor

Kuther, Andrew, AAS, Technical & Industrial Division, Assistant Professor

Langston, Angela, BS, Business Technology & Service Division, Associate Professor

Latta, Leigh, PhD, Natural Sciences & Mathematics Division, Associate Professor

Lemon, Debbie L, MN, Nursing and Health Sciences Division, Associate Professor

Lemus, Billy, MA, Business Division, Assistant Professor

Light, Jenni, PhD, Technical & Industrial Division, Professor

Long, Seth, PhD, Business Division, Associate Professor

Louchard, Justin, Technical & Industrial Division, Instructor

Loudenback, Luella, Ed.D, Social Sciences Division, Assistant Professor

Love, Michael, MS, Teacher Education Division, Instructor

Maddy, Luther, PhD

Martin, Elizabeth, PhD, Natural Sciences & Mathematics Division, Associate Professor

Martin, Eric L, PhD, Social Sciences Division, Professor

Mata, Peggy, DNP, Nursing and Health Sciences Division, Associate Professor

Mataka, Lloyd, PhD, Natural Sciences & Mathematics Division, Assistant Professor

McDonald, Robert G, BS, Technical & Industrial Division, Professor

McMillin, Heidee E, PhD, Social Sciences Division, Professor

Miller, Ed, PhD, Teacher Education Division, Professor

Minervini, Amy, MA, Humanities Division, Instructor

Moore, Julee, AAS, Technical & Industrial Division, Assistant Professor

Morgan, Trent, MSNA, Nursing and Health Sciences Division, Assistant Professor

Morgan, Trent, MSNA, Nursing and Health Sciences Division, Assistant Professor

Morrison, John, PhD, Natural Sciences & Mathematics Division, Associate Professor

Morton, Benjamin, PhD, Humanities Division, Associate Professor

Nash, Teresa M, Masters, Technical & Industrial Division, Professor

Nichols, Lauren, MSW, Social Sciences Division, Assistant Professor

Niemela, April, Teacher Education Division

Owen, Mike, MA, Business Technology & Service Division, Professor

Parker, Leanne, PhD, Social Sciences Division, Associate Professor

Payton, Spencer, PhD, Teacher Education Division, Instructor

Pearson-Smith, Michelle D, MSN, Nursing and Health Sciences Division, Associate Professor

Petersen, Jef, MFA

Peterson, Nina M, PhD, Business Division, Professor

Ramos, Brooke, BSN, Nursing and Health Sciences Division, Instructor

Rauch, Deena, DNP, Nursing and Health Sciences Division, Assistant Professor

Reed, Gary E, PhD, Social Sciences Division, Professor

Reese, Marti L., MSW, LCSW, Social Sciences Division, Instructor

Remien, Peter, PhD, Humanities Division, Associate Professor

Renner, Tiffany A, MSW, Social Sciences Division, Assistant Professor

Riendeau, Marc, Technical & Industrial Division, Assistant Professor

Riggs, Christopher K, PhD, Social Sciences Division, Professor/Division Chair

Roberts, Katie, MSN, Nursing and Health Sciences Division, Associate Professor

Robertson, Alicia L., MA, Business Technology & Service Division, Assistant Professor

Robinson, Clay, PhD, Natural Sciences & Mathematics Division, Professor

Robinson, Mary Lou, PhD, Nursing and Health Sciences Division, Emeritus Professor

Rogers, Joshua, BS, Technical & Industrial Division, Assistant Professor

Rose, Bowie, Technical & Industrial Division, Assistant Professor

Rosenbaum, LaChelle, EdD, Social Sciences Division, Associate Professor

Rossiter, Jill, MA, Humanities Division, Instructor

Rousseau, Suzanne, Teacher Education Division, Instructor

Royce, Ramon B. , LMSW, Social Sciences Division, Instructor

Rudolph, Daniel, MS, Natural Sciences & Mathematics Division

Rust, Teri, PhD, Social Sciences Division, Professor

Savage, Jessica, PhD, Natural Sciences & Mathematics Division, Instructor

Schlee, Jessica, BS

Schmidt, Keegan L, PhD, Natural Sciences & Mathematics Division, Professor

Scott, Jenny, MA, Business Division, Associate Professor

Shuttleworth, Wendy A, PhD, Natural Sciences & Mathematics Division, Professor

Snider, Rebecca A., MAT, Business Technology & Service Division, Associate Professor

Snyder, Jesse A., Business Technology & Service Division, Assistant Professor

Soloniuk , Elaine, BSN, Nursing and Health Sciences Division, Instructor

Steele, Susan, PhD, Natural Sciences & Mathematics Division, Assistant Professor/Division Chair

Stinson, Lori, PhD, Nursing and Health Sciences Division, Professor

Stoffregen, Eric, PhD, Natural Sciences & Mathematics Division, Associate Professor

Story, Traci A, PhD, Humanities Division, Instructor

Straughan, Gene, PhD, Social Sciences Division, Professor

Sylvester, Louis N, PhD, Humanities Division, Associate Professor

Thomas, Luke, AAS, Technical & Industrial Division, Assistant Professor

Thorson-Mador, Janet, MSN, Nursing and Health Sciences Division, Assistant Professor

Tippets, Ian, PhD, Humanities Division, Associate Professor

Tompkins, Melinda K, PhD, Teacher Education Division, Instructor

Toy, Royal, EdD, Teacher Education Division, Associate Professor

Tuschhoff, Andrew, BAS, Business Technology & Service Division, Assistant Professor

VanLanen, Amanda, PhD, Social Sciences Division, Professor

VanMullem, Heather, PhD, Natural Sciences & Mathematics Division, Professor

VanMullem, Pete, PhD, Natural Sciences & Mathematics Division, Professor

Vandermeer, Nikki, MS, Business Division, Assistant Professor

Wareham, Kenneth L, PhD, Teacher Education Division, Professor

Wartel, Angela R, MPA, Social Sciences Division, Assistant Professor

Weeks, Jennifer, M Ed, Technical & Industrial Division, Professor/Interim Division Chair

White, Marte, MSW, Social Sciences Division, Assistant Professor

Wiggin, LeeAnn, EdD, Natural Sciences & Mathematics Division, Associate Professor

Wimer, Scott A, MS, Nursing and Health Sciences Division, Professor

Zarra, Ernest, PhD



# COURSE DESCRIPTIONS

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## Accounting (AC)

### Courses

#### AC-231 PRINCIPLES OF ACCOUNTING I 3.00 Credits

Surveys accounting principles, practices, and decision making in organizations. Addresses topics of managerial, financial, not-for-profit, taxation, and international accounting. Develops and applies analytic accounting skills and techniques to management decision making. Continued in AC-232 Principles of Accounting II.

#### AC-232 PRINCIPLES OF ACCOUNTING II 3.00 Credits

A continuation of AC-231. Pre-requisite: A grade of 'C-' or better in AC-231.

#### AC-290 DIRECTED STUDY IN ACCOUNTING 1.00-12.00 Credits

#### AC-291 WORKSHOP IN ACCOUNTING 1.00-12.00 Credits

#### AC-292 SPECIAL TOPICS IN ACCOUNTING 1.00-12.00 Credits

#### AC-294 INTERNSHIP IN ACCOUNTING 1.00-12.00 Credits

(Introductory level internship in Accounting.) The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business and accounting courses to an approved accounting-related work setting. The duties and responsibilities at the work site should provide continued exposure to the business as well as an opportunity for improvement in skills for the student. Students will work at the employer's site for the contracted number of hours. 45 hours of supervised and documented work equals one credit. - Students may register for a minimum of one credit and a maximum of six credits in a single semester. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits - Students must have Sophomore standing or higher - Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

#### AC-294A INTERNSHIP IN ACCOUNTING 1.00-12.00 Credits

Introductory level of internship in Accounting. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business and accounting courses to an approved accounting-related work setting. The duties and responsibilities at the work site should provide continued exposure to the business as well as an opportunity for improvement in skills for the student. Students will work at the employer's site for the contracted number of hours. 45 hours of supervised and documented work equals one credit. - Students may register for a minimum of one credit and a maximum of six credits in a single semester. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits - Students must have Sophomore standing or higher - Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

#### AC-294B INTERNSHIP IN ACCOUNTING 1.00-12.00 Credits

Introductory level internship in Accounting. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business and accounting courses to an approved accounting-related work setting. The duties and responsibilities at the work site should provide continued exposure to the business as well as an opportunity for improvement in skills for the student. Students will work at the employer's site for the contracted number of hours. 45 hours of supervised and documented work equals one credit. - Students may register for a minimum of one credit and a maximum of six credits in a single semester. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits - Students must have Sophomore standing or higher - Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**AC-294C INTERNSHIP IN ACCOUNTING 1.00-12.00 Credits**

Introductory level internship in Accounting. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business and accounting courses to an approved accounting-related work setting. The duties and responsibilities at the work site should provide continued exposure to the business as well as an opportunity for improvement in skills for the student. Students will work at the employer's site for the contracted number of hours. 45 hours of supervised and documented work equals one credit. - Students may register for a minimum of one credit and a maximum of six credits in a single semester. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits - Students must have Sophomore standing or higher - Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**AC-294D INTERNSHIP IN ACCOUNTING 1.00-12.00 Credits**

Introductory level internship in Accounting. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business and accounting courses to an approved accounting-related work setting. The duties and responsibilities at the work site should provide continued exposure to the business as well as an opportunity for improvement in skills for the student. Students will work at the employer's site for the contracted number of hours. 45 hours of supervised and documented work equals one credit. - Students may register for a minimum of one credit and a maximum of six credits in a single semester. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits - Students must have Sophomore standing or higher - Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**AC-295 PRACTICUM IN ACCOUNTING 1.00-12.00 Credits****AC-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****AC-309 VOLUNTEER INCOME TAX ASSISTANCE 3.00 Credits**

The VITA program offers free tax help to low-to moderate-income people in the community who cannot prepare their own tax returns. The purpose of the class is to offer students the opportunity to apply the knowledge they acquire in their accounting classes and related tax classes. The class consists of taking the IRS-sponsored exam that qualifies students to prepare the returns and do a supervisor review of other student-'s' returns. Pre-requisite: AC-232 with a grade of 'C' or better and Junior standing or higher. Graded P/F only. May be repeated once for credit (up to total of 6 credits).

**AC-312 COMPUTERIZED ACCOUNTING 3.00 Credits**

Prepares the student to work with and through computers in meeting organizational financial control needs. Pre-requisite: Must have Junior standing or higher or permission of the instructor.

**AC-319 NOT-FOR-PROFIT ACCOUNTING 3.00 Credits**

This course addresses issues relative to the accounting, reporting and major auditing of a public sector entity. Topics covered include GASB, FASB, and FASAB jurisdiction over not-for-profit and governmental organizations, state and local governmental accounting principles, public entity reporting, and auditing issues. Pre-requisites: AC-232 or permission of the instructor.

**AC-331 INTERMEDIATE ACCOUNTING I 3.00 Credits**

A study of theory, concepts, and financial accounting standards and their application to decision making. Topics include financial statements, the accounting model, assets, liabilities, stockholder's equity, and other financial disclosures. Emphasizes the effects of accounting principles on decision-making, external disclosure consequences of corporate decisions, and the private sector influence on the regulatory and standard-setting environment. Incorporates computer applications into coursework. Continued in AC-332 Intermediate Accounting II. Pre-requisites: A grade of 'C-' or better in AC-232 or permission of the instructor.

**AC-332 INTERMEDIATE ACCOUNTING II 3.00 Credits**

A continuation of AC-331. Pre-requisites: A grade of 'C-' or better in AC-331 or permission of the instructor.

**AC-340 ACCOUNTING INFORMATION SYSTEMS 3.00 Credits**

This course provides a survey of accounting information systems, web technology, online auditing issues in addition to current issues affecting the field of accounting. Specific topics include e-business, computer crime, and expert systems. Pre-requisites: AC-232.

**AC-345 FRAUD EXAMINATION 3.00 Credits**

This course will cover the major methods employees use to commit occupational fraud. Students will learn how and why occupational fraud is committed, how to assess where an organization is at the greatest risk for fraud, how fraudulent conduct can be deterred, and how allegations of fraud should be investigated and resolved. Pre-requisites: AC-232.

**AC-385 MANAGERIAL AND COST ACCOUNTING I 3.00 Credits**

A study of managerial and cost accounting concepts and their application to planning and control of the firm. Topics include accounting for performance and productivity measurement, revenue and cost analysis for decision-making and investigating modern managerial accounting decisions. Emphasizes analytical reasoning to enhance decision-making. Incorporates computer applications into coursework. Pre-requisites: AC-232 and MATH-123 or higher with a grade of C- or better or permission of the instructor.

**AC-390 DIRECTED STUDY IN ACCOUNTING 1.00-12.00 Credits**

Pre-requisite: Must have Junior standing or higher or permission of the instructor.

**AC-391 PERSONAL FINANCE 3.00 Credits**

The course provides students with instruction on practices for budgeting, evaluating investments, and planning for retirement, while taking into account a variety of financial risks and future life changes. The socioeconomic and financial influences that impact personal finance will be considered, while emphasizing the individual responsibilities that are important and applicable to all professional finance settings. The course will cover personal financial planning concepts and applications including cash flow, net worth, asset selection and purchases, income taxes, insurance, and consumer debt. Pre-requisites: AC-231.

**AC-392 SPECIAL TOPICS IN ACCOUNTING 1.00-3.00 Credits**

Pre-requisite: Must have Junior standing or higher or permission of the instructor.

**AC-394 INTERNSHIP IN ACCOUNTING 1.00-12.00 Credits**

Intermediate level internship in Accounting. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business and accounting courses to an approved accounting-related work setting. The duties and responsibilities at the work site should provide continued exposure to the business as well as an opportunity for improvement in skills for the student. Students will work at the employer's site for the contracted number of hours. 45 hours of supervised and documented work equals one credit. - Students may register for a minimum of one credit and a maximum of six credits in a single semester. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits - Students must have junior standing or higher - Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**AC-394A INTERNSHIP IN ACCOUNTING 1.00-12.00 Credits**

Intermediate level internship in Accounting. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business and accounting courses to an approved accounting-related work setting. The duties and responsibilities at the work site should provide continued exposure to the business as well as an opportunity for improvement in skills for the student. Students will work at the employer's site for the contracted number of hours. 45 hours of supervised and documented work equals one credit. - Students may register for a minimum of one credit and a maximum of six credits in a single semester. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits - Students must have junior standing or higher - Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**AC-394B INTERNSHIP IN ACCOUNTING 1.00-12.00 Credits**

Intermediate level internship in Accounting. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business and accounting courses to an approved accounting-related work setting. The duties and responsibilities at the work site should provide continued exposure to the business as well as an opportunity for improvement in skills for the student. Students will work at the employer's site for the contracted number of hours. 45 hours of supervised and documented work equals one credit. - Students may register for a minimum of one credit and a maximum of six credits in a single semester. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits - Students must have junior standing or higher or permission of the instructor - Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**AC-394C INTERNSHIP IN ACCOUNTING 1.00-12.00 Credits**

Intermediate level internship in Accounting. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business and accounting courses to an approved accounting-related work setting. The duties and responsibilities at the work site should provide continued exposure to the business as well as an opportunity for improvement in skills for the student. Students will work at the employer's site for the contracted number of hours. 45 hours of supervised and documented work equals one credit. - Students may register for a minimum of one credit and a maximum of six credits in a single semester. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits - Students must have junior standing or higher or permission of the instructor - Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**AC-394D INTERNSHIP IN ACCOUNTING 1.00-12.00 Credits**

Intermediate level internship in Accounting. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business and accounting courses to an approved accounting-related work setting. The duties and responsibilities at the work site should provide continued exposure to the business as well as an opportunity for improvement in skills for the student. Students will work at the employer's site for the contracted number of hours. 45 hours of supervised and documented work equals one credit.- Students may register for a minimum of one credit and a maximum of six credits in a single semester. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits - Students must have junior standing or higher or permission of the instructor - Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**AC-395 MANAGERIAL AND COST ACCOUNTING II 3.00 Credits**

A continuation of Managerial/Cost Accounting I. Pre-requisites: A grade of 'C-' or better in AC-385 or permission of the instructor.

**AC-483 TAX LAW I 3.00 Credits**

A survey of domestic taxation philosophy, concepts, legislation, and practice with emphasis on tax filings and topics relevant to individual taxation. Pre-requisites: A grade of 'C-' or better in AC-232 or permission of the instructor.

**AC-484 TAX LAW II 3.00 Credits**

Continuation of topics relevant to individual taxation and a survey of corporate, partnership, and estate taxation philosophy, concepts, legislation, and practice. This course will emphasize corporate taxation and tax planning for the corporate entity and introduction to tax research. Pre-requisites: A grade of 'C-' or better in AC-483 or permission of the instructor.

**AC-485 AUDITING CONCEPTS 3.00 Credits**

Examines financial and operational auditing philosophy and techniques. Topics include auditing standards, internal control design and evaluation, statistical applications in auditing, evidence, and report writing. Examines legal and ethical issues, governmental influence on auditing, and auditing's role in organizational change. Pre-requisites: AC-232 with a grade of C- or better or permission of the instructor.

**AC-490 DIRECTED STUDY IN ACCOUNTING 1.00-12.00 Credits**

Pre-requisite: Must have Junior standing or higher or permission of the instructor.

**AC-491 WORKSHOP IN ACCOUNTING 1.00-12.00 Credits**

Pre-requisite: Must have Junior standing or higher or permission of the instructor.

**AC-492 SPECIAL TOPICS IN ACCOUNTING 1.00-12.00 Credits**

Pre-requisite: Must have Junior standing or higher or permission of the instructor.

**AC-494 INTERNSHIP IN ACCOUNTING 1.00-12.00 Credits**

Advanced level internship in Accounting. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business and accounting courses to an approved accounting-related work setting. The duties and responsibilities at the work site should provide continued exposure to the business as well as an opportunity for improvement in skills for the student. Students will work at the employer's site for the contracted number of hours. 45 hours of supervised and documented work equals one credit.- Students may register for a minimum of one credit and a maximum of six credits in a single semester. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits - Students must have junior standing or higher or permission of the instructor - Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**AC-494A INTERNSHIP IN ACCOUNTING 1.00-12.00 Credits**

Advanced level internship in Accounting. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business and accounting courses to an approved accounting-related work setting. The duties and responsibilities at the work site should provide continued exposure to the business as well as an opportunity for improvement in skills for the student. Students will work at the employer's site for the contracted number of hours. 45 hours of supervised and documented work equals one credit.- Students may register for a minimum of one credit and a maximum of six credits in a single semester. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits - Students must have junior standing or higher or permission of the instructor - Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**AC-494B INTERNSHIP IN ACCOUNTING 1.00-12.00 Credits**

Advanced level internship in Accounting. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business and accounting courses to an approved accounting-related work setting. The duties and responsibilities at the work site should provide continued exposure to the business as well as an opportunity for improvement in skills for the student. Students will work at the employer's site for the contracted number of hours. 45 hours of supervised and documented work equals one credit. - Students may register for a minimum of one credit and a maximum of six credits in a single semester. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits - Students must have junior standing or higher or permission of the instructor - Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**AC-494C INTERNSHIP IN ACCOUNTING 1.00-12.00 Credits**

Advanced level internship in Accounting. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business and accounting courses to an approved accounting-related work setting. The duties and responsibilities at the work site should provide continued exposure to the business as well as an opportunity for improvement in skills for the student. Students will work at the employer's site for the contracted number of hours. 45 hours of supervised and documented work equals one credit. - Students may register for a minimum of one credit and a maximum of six credits in a single semester. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits - Students must have junior standing or higher or permission of the instructor - Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**AC-494D INTERNSHIP IN ACCOUNTING 1.00-12.00 Credits**

Advanced level internship in Accounting. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business and accounting courses to an approved accounting-related work setting. The duties and responsibilities at the work site should provide continued exposure to the business as well as an opportunity for improvement in skills for the student. Students will work at the employer's site for the contracted number of hours. 45 hours of supervised and documented work equals one credit. - Students may register for a minimum of one credit and a maximum of six credits in a single semester. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits - Students must have junior standing or higher or permission of the instructor - Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**AC-495 PRACTICUM IN ACCOUNTING 1.00-12.00 Credits**

Pre-requisite: Must have Junior standing or higher or permission of the instructor.

## Accounting/BTS (ACCPT)

### Courses

**ACCPT-101 BASIC ACCOUNTING I 3.00 Credits**

This course is an introduction to accounting procedures for individual proprietorship businesses. Emphasis is on the accounting cycle, double-entry accounting, payroll, and procedures for handling transactions associated with both service and merchandising businesses. Students will practice proper accounting procedures manually and/or on spreadsheet software. It is also helpful to those who want to upgrade business skills for improved employability. Cross-listed with GNBPT-101.

**ACCPT-102 BASIC ACCOUNTING II 3.00 Credits**

This course is a continuation of Basic Accounting I. Emphasis is on the accounting cycle, double-entry accounting, bad debts, merchandise inventory, fixed assets, depreciation, voucher system, departmental accounting, and manufacturing accounting in general associated with both service and merchandising businesses. Students will practice proper accounting procedures manually and/or on spreadsheet software. It is also helpful to those who want to upgrade business skills for improved employability. Pre-requisite: ACCPT-101 with a grade of 'C-' or higher.

**ACCPT-105 PAYROLL ACCOUNTING 3.00 Credits**

Payroll accounting systems, procedures, and time-keeping methods to comply with current laws and regulations. A comprehensive 'real-life' project will play a significant role in this course. Pre-requisite: ACCPT-101 or AC-231.



**ACCP-190 DIRECTED STUDY IN ACCOUNTING 1.00-6.00 Credits****ACCP-191 WORKSHOP IN ACCOUNTING 1.00-6.00 Credits****ACCP-192 SPECIAL TOPICS IN ACCOUNTING 1.00-6.00 Credits****ACCP-214 COMPUTERIZED ACCOUNTING I 3.00 Credits**

Introduction to computerized accounting using current accounting software. The course integrates the normal accounting cycle for a service and merchandise business into a computerized information system. Topics include accounts receivable, accounts payable, bank reconciliations, and end-of-period procedures. Pre-requisite: ACCP-101 or equivalent.

**ACCP-215 COMP ACCOUNTING II 3.00 Credits**

This course goes in depth teaching computer accounting with QuickBooks Online. This accounting information system will illustrate how to record accounting transactions for a service/merchandising company. The student will complete an in-depth practice set that will closely simulate the duties of a bookkeeper for a small business in the real world. Accounting topics covered are chart of accounts, accounts receivable, accounts payable, inventory, payroll, and financial statements. Pre-requisite: ACCP-214 with a grade of 'C-' or higher.

**ACCP-231 PRINCIPLES OF ACCOUNTING I 3.00 Credits**

Surveys accounting principles, practices, and decision making in organizations. Addresses topics of managerial, financial, not-for-profit, taxation, and international accounting. Develops and applies analytic accounting skills and techniques to management decision making. Continued in AC-232 Principles of Accounting II. Cross-listed with AC-231.

**ACCP-232 PRINCIPLES OF ACCOUNTING II 3.00 Credits**

A continuation of AC-231. Pre-requisite: A grade of 'C-' or better in AC-231 or ACCP-231. Crosslisted with AC-232.

**ACCP-234 MANAGERIAL ACCOUNTING FOR THE HOSPITALITY INDUSTRY 3.00 Credits**

This course is an introduction to basic financial accounting concepts and practice applicable to resort and hospitality organizations using the industry's uniform system of accounting. Key accounting concepts and the selective application of its most effective strategies and tactics are mission critical factors for most hospitality operations. Students participate in real-world, hands-on managerial accounting in a hospitality setting.

**ACCP-235 COST ACCOUNTING 3.00 Credits**

This course provides a study of budgeting and cost control systems including a detailed study of manufacturing cost accounts and reports, job order costing, and process costing. It includes an introduction to alternative costing methods such as activity based and just-in-time costing as well as historical cost systems, work in process inventories, material and labor control, multiple products, budgeting, applying overhead, standard costs, direct costs, evaluating profit performance, and distribution costs. These courses are offered at the 200 level with an option to take at the 300 level with a research project in addition to the 200 level course load. Prerequisite: ACCP-231.

**ACCP-236 MANAGEMENT ACCOUNTING IN HEALTHCARE ORGANIZATIONS 3.00 Credits**

This course focuses on the financial management of healthcare organizations and covers concepts in managerial accounting and finance that are critical to decision-making. These topics include evaluation of capital investment decisions, sources of financing, managerial accounting concepts (including cost behavior, profit analysis, and incremental analysis), reimbursement under various third-party payer environments, cost allocation and government program reporting. Pre-requisite: AC-231.

**ACCP-260 ACCOUNTING INFORMATION SYSTEMS 3.00 Credits**

The objective of this course is to become familiar with how accounting information systems should function, regardless of the particular software used. This course emphasizes the practical application of accounting information systems concepts and will lead to understanding accounting information systems risks and controls so that you are capable of helping to solve issues related to the system or assist in implementing a new system. Quickbooks and Excel are an integral part of this course. During the course of the semester, students will engage in hands on problem solving through the use of technology as an analytical tool. These courses are offered at the 200 level with an option to take at the 300 level with a research project in addition to the 200 level course load. Prerequisite: ACCP-231.

**ACCP-280 BASIC AUDIT SUPPORT 3.00 Credits**

This course is designed to provide an introduction to basic auditing and audit support functions. The objectives include becoming familiar with principles and practices used by public accountants and internal auditors in examining financial statements and supporting data. Students will be studying the techniques available for gathering, summarizing, analyzing and interpreting the data presented in financial statements and procedures used in verifying the fairness of the information. Ethical and legal aspects and considerations are also emphasized. Pre-requisite: AC-232.

**ACCP-285 BASIC INCOME TAX PREPARATION 3.00 Credits**

This course will provide students with the basic knowledge to prepare and file individual and business taxes, by using a step by step approach and real-world examples to reinforce their knowledge. The main focus of this class will be the individual income tax return and the sole proprietor business tax return including the schedule C. The tax return is broken down by tax entities and then by subject in order of the tax forms in easy to follow step-by-step instructions. Students will complete examples of returns using actual tax forms. Pre-requisite: ACCP-101.

**ACCP-290 DIRECTED STUDY IN ACCOUNTING 1.00-6.00 Credits****ACCP-291 WORKSHOP IN ACCOUNTING 1.00-6.00 Credits****ACCP-292 SPECIAL TOPICS IN ACCOUNTING 1.00-6.00 Credits****ACCP-294 INTERNSHIP IN BOOKKEEPING 1.00-12.00 Credits**

Internship in Bookkeeping.

**ACCPT-294A INTERNSHIP IN BOOKKEEPING I 1.00-6.00 Credits**

Internship in Bookkeeping.

**ACCPT-294B INTERNSHIP IN BOOKKEEPING II 1.00-6.00 Credits**

Continuation of ACCPT-294A as a 200-level Internship in Bookkeeping.

**ACCPT-294C INTERNSHIP IN BOOKKEEPING III 1.00-6.00 Credits**

Continuation of ACCPT-294B as an intermediate 200-level Internship in Bookkeeping.

**ACCPT-294D INTERNSHIP IN BOOKKEEPING IV 1.00-6.00 Credits**

Continuation of ACCPT-294C as an intermediate to advanced 200-level Internship in Bookkeeping.

**ACCPT-299 BOOKKEEPING/ACCOUNTING CAPSTONE 3.00 Credits**

This course is a required course for the Bookkeeping/Accounting program. Students will review and practice all the financial accounting skills learned throughout the program. In-depth study of the key accounting functions required for companies with up to 100 employees; includes adjustments and error correction, payroll and depreciation, inventory accounting, internal controls, and fraud prevention. This course helps prepare students for the American Institute of Professional Bookkeepers (AIPB) Professional Bookkeeping Certification and the AIPB independently graded practice tests will serve as the required Technical Skills Assessment (TSA). This is the final course in the Bookkeeping/Accounting program and should be taken during the student's last term.

## Addiction Studies (ADS)

### Courses

**ADS-343 INTRODUCTION TO ADDICTION STUDIES 3.00 Credits**

This intensive introductory course provides a comprehensive overview of the field of addiction counseling. It focuses on current therapeutic trends, strategies, and counseling approaches used in the treatment of addiction, as well as ethical considerations. Relapse and prevention strategies, along with treatment of special populations, will also be covered. Pre-requisites: PSYC-101, or the permission of the instructor. Crosslisted with PSYC-343.

**ADS-442 ETHICAL PRINCIPLES IN COUNSELING 3.00 Credits**

Topics covered include federal and state laws, client welfare as a primary concern, professional competence-supervision/development, financial issues, personal wellness, and relationships to professionals and institutions. Development of students' ability to conceptualize ethical issues, utilize an appropriate model for resolution, and appreciate personal values and modes of ethical problem-solving are also considered. Fee required. Pre-requisite: PSYC-101 or PSYC-205 or permission of instructor. Cross-listed with PSYC-442.

**ADS-443 CASE MANAGEMENT AND CHEMICAL DEPENDENCY 3.00 Credits**

The course focuses on practical application and administration of Case Management Services in health and human service delivery systems in Idaho. Case management studies emphasize clinical focus on case management services that apply to Rural and Frontier settings in Idaho. Students work with case management models where case management and records monitoring occur, from hospital, in-patient care to out patient settings in rural communities. Students are exposed to various treatment populations such as High Risk populations including AIDS/HIV populations, elderly, Native American, as well as gender specific issues. Students will be exposed to other disciplines such as Mental Health, Voc-Rehab. as well as Developmental Disability populations. Pre-requisites: PSYC-101 or permission of instructor. Cross-listed with PSYC-443.

**ADS-444 CHEMICAL DEPENDENCY AND PHARMACOLOGY 3.00 Credits**

Introduction to basic concepts of drug absorption, distribution and effect. It is intended to provide substance abuse counselors with a broad background in the understanding of drug effects and operations. Additionally, to allow the student to have a base of knowledge of pharmacology upon which instruction and education of clients can be facilitated. Fulfills the requirement for certification for both Idaho and Washington State Certification Boards. Includes concepts of basic neuroanatomy, concepts of drug absorption and drug elimination, anatomy of drug effects, and consequences of long term drug use. A comprehensive survey of entities and agencies that govern Controlled Substances and ODT issues. A global perspective on the physiology and pharmacology of different classes of drugs both those illegal and legal, abused and those used for treatment in institutions. Pre-requisites: PSYC-101 and PSYC-205, or permission of instructor. Cross-listed with PSYC-444.

**ADS-446 CHEMICAL DEPENDENCY AND FAMILY SYSTEM 3.00 Credits**

Includes behavioral patterns in dysfunctional family systems, intervention techniques and best practice model programs in dealing with family issues surrounding addiction problems. This course will expose the student to a plethora of various approaches to family systems and cultures that are diverse in nature. Students will create and experience sculpting, remodeling and replicating family roles and dysfunctional systems within a learning lab model. Students will study and become intimately acquainted with the roles of family dysfunction and dependency issues. Additionally, the student will review historical perspectives that help shape and steer the current modes of treatment for this underserved population within the addictions field. Pre-requisites: PSYC-101 and PSYC-205, or permission of instructor. Cross-listed with PSYC-446.

**ADS-448 CHEMICAL DEPENDENCY AND THE GROUP APPROACH 3.00 Credits**

Identifies specific needs and treatment issues of the chemically dependent client. It is designed to provide both a cognitive and an experiential base from which the student can develop competency in treating this special population. Fulfills the requirements for certification as a chemical dependency counselor. Competency based education models for learning and integration of skills and techniques will be utilized. Pre-requisite: PSYC-101 or PSYC-205 or permission of instructor. Cross-listed with PSYC-448.

**ADS-449 ASSESMENT/SCREENING AND CHEMICAL DEPENDENCY COUNSELING 3.00 Credits**

Reviews techniques for intake screening and assessment of chemical dependency clients. Appropriate for use in multiple settings. Field experience is included. Pre-requisites: PSYC-101 or PSYC-205 or permission of instructor. Cross-listed with PSYC-449.

**ADS-470 CRISIS INTERVENTION 3.00 Credits**

Introduction and comprehensive overview of crisis intervention. Basic principles and theory of crisis intervention will be presented. Gives a foundation toward developing the skills to effectively deal with others in a crisis situation. Included are special populations/topics such as war veterans, rape, adult survivors, national disasters and other topics. Pre-requisites: PSYC-101 or PSYC-205, or permission of instructor. Cross-listed with PSYC-470.

**ADS-476 BLOOD BORNE PATHOGENS 2.00 Credits**

This course is designed to inform students about blood borne pathogens and infectious diseases within the addictions framework. The goal is for all students to understand the methods of transmission, prevention, and the substance abusing population's needs in regards to blood borne pathogens. Prerequisite: PSYC-101 or PSYC-205 or permission of instructor. Crosslisted with PSYC-476.

**ADS-492 SPECIAL TOPICS IN PSYCHOLOGY 1.00-3.00 Credits****ADS-495 PRACTICUM IN PSYCHOLOGY 1.00-12.00 Credits**

Emphasizes the development of the basic helping skills and/or psychological research skills through a supervised field experience in a substance abuse treatment setting. Learning plans and goals will be defined to target students desiring a specific field experience in various settings utilizing addictions professionals and programs. Pre-requisites: PSYC-442 and permission of the instructor. Cross-listed with PSYC-495.

## Aerospace Studies (AERO)

### Courses

**AERO-101 HERITAGE AND VALUES I 1.00 Credit**

Introduces students to the Air Force and AFROTC. Leadership Laboratory is mandatory for AFROTC.

**AERO-102 HERITAGE AND VALUES II 1.00 Credit**

Introduces students to the Air Force and AFROTC. Leadership Laboratory is mandatory for AFROTC.

**AERO-103 LEADERSHIP LABORATORY I 2.00 Credits**

Students learn and apply leadership management, problem-solving, and communication skills; learn about and apply physical conditioning programs; and learn about Air Force organization, functions, customs/courtesy, and drill and ceremonies. Leadership Laboratory is mandatory for AFROTC cadets.

**AERO-201 TEAM AND LEADERSHIP FUNDAMENTALS I 1.00 Credit**

Fundamental principles of leadership, followership, team building, and accountability within military. Develops communication skills. Cadets also attend weekly leadership laboratory.

**AERO-202 TEAM AND LEADERSHIP FUNDAMENTALS II 1.00 Credit**

Fundamental principles of leadership, followership, team building, and accountability within military. Develops communication skills. Cadets also attend weekly leadership laboratory.

**AERO-203 LEADERSHIP LABORATORY II 2.00 Credits**

Students learn and apply leadership management, problem-solving, and communication skills; learn about and apply physical conditioning programs; and learn about Air Force organization, functions, customs/courtesy, and drill and ceremonies. Leadership Laboratory is mandatory for AFROTC cadets.

**AERO-281 FOUR-WEEK FIELD TRAINING COURSE 2.00 Credits**

Pre-requisites: Junior standing; Aero Studies 101,102, 201, 202; by interview only. Intensive study of military education, experience in leadership and management at an active Air Force installation. S, F grading.

**AERO-282 SIX-WEEK FIELD TRAINING COURSE 6.00 Credits**

Pre-requisites: Junior standing; by interview only; applicants must apply at least six months in advance. Intensive study of academic core course work and military education at an active Air Force installation. S, F grading.

**AERO-290 DIRECTED STUDY IN AEROSPACE STUDIES 1.00 Credit****AERO-292 SPECIAL TOPICS IN AEROSPACE 1.00-4.00 Credits****AERO-311 LEADING PEOPLE AND EFFECTIVE COMMUNICATION I 3.00 Credits**

Examines leadership, management, professional knowledge, Air Force personnel and evaluation systems, and leadership ethics. Leadership Laboratory is mandatory for AFROTC.

**AERO-312 LEADING PEOPLE AND EFFECTIVE COMMUNICATION II 3.00 Credits**

Examines leadership, management, professional knowledge, Air Force personnel and evaluation systems, and leadership ethics. Leadership Laboratory is mandatory for AFROTC.

**AERO-313 LEADERSHIP LABORATORY III 2.00 Credits**

Students learn and apply leadership management, problem-solving, and communication skills; learn about and apply physical conditioning programs; and learn about Air Force organization, functions, customs/courtesy, drill and ceremonies. Leadership Laboratory is mandatory for AFROTC cadets.



**AERO-390 DIRECTED STUDY IN AEROSPACE STUDIES 1.00-4.00 Credits****AERO-392 SPECIAL TOPICS IN AEROSPACE 1.00-4.00 Credits****AERO-411 NATIONAL SECURITY, LEADERSHIP, & COMMISSIONING PREPARATION I 3.00 Credits**

Examines national security, regional studies, advanced leadership ethics, and Air Force doctrine. A mandatory Leadership Laboratory complements this course.

**AERO-412 NATIONAL SECURITY, LEADERSHIP, & COMMISSIONING PREPARATION II 3.00 Credits**

Examines national security, regional studies, advanced leadership ethics, and Air Force doctrine. A mandatory Leadership Laboratory complements this course.

**AERO-413 LEADERSHIP LABORATORY IV 2.00 Credits**

Students learn and apply leadership management, problem-solving, and communication skills; learn about and apply physical conditioning programs; and learn about Air Force organization, functions, customs/courtesy, and drill and ceremonies. Leadership Laboratory is mandatory for AFROTC cadets.

**AERO-490 DIRECTED STUDY IN AEROSPACE STUDIES 1.00 Credit****AERO-492 SPECIAL TOPICS IN AEROSPACE 1.00-4.00 Credits**

## Allied Health Care (AHLTH)

### Courses

**AHLTH-105 INFECTION PREVENTION 2.00 Credits**

This course is an introduction to concepts regarding infection/prevention and control with major emphasis on the blood-borne pathogens HIV and Hepatitis B. Modes of transmission, prevention and OSHA standards for blood-borne pathogens, basic pathophysiology of HIV and Hepatitis B, and current treatments will be defined. Psychosocial, legal, and ethical issues about these diseases will also be discussed.

**AHLTH-110 OVER THE COUNTER/HERBAL MEDICATIONS 2.00 Credits**

This course provides an overview of the significance of over the-counter (OTC) and herbal drug therapy in our society. The role of the pharmacy technician in selling and providing information about OTC and herbal therapy will be reviewed. Therapeutic drug classifications, indications, dosage forms, major ingredients, common side effects, and significant drug interactions will be covered for OTC drugs. For herbal medications, students will learn to associate the names of herbal medications with common uses, recognize potential adverse effects, and be aware of potential drug interactions between herbs and conventional medication. Federal regulation of OTC and herbal medications will be reviewed.

**AHLTH-130 INTRODUCTION TO ALLIED HEALTH 2.00 Credits**

This course introduces students to careers in health care. Course content includes: characteristics of health care personnel, personal assessment as a health care worker, levels of education required for various occupations, certification, and licensing, health care systems, health care terms, philosophy and continuity of care, overview of medical law and ethics, employment rights and responsibilities, current issues and trends in health care, and legislative and economic influences in the delivery of health care services.

**AHLTH-139 NURSING ASSISTANT 3.00 Credits**

Classroom and clinical instruction involving the roles and responsibilities of providing basic nursing care to clients. Successful completion qualifies the student to take the Nursing Assistant skills and written examinations, which are required for placement on the Idaho Nursing Assistant Registry.

**AHLTH-144 PHLEBOTOMY 3.00 Credits**

Learn the skills of drawing blood for transfusion, diagnosis, or experiment. Covers the responsibility of communication, human relations, and safety.

**AHLTH-145 PHLEBOTOMY 5.00 Credits**

Learn the skills of drawing blood for transfusion, diagnosis, or experiment. Covers the responsibility of communication, human relations, and safety.

**AHLTH-182 OCCUPATIONAL THERAPY AIDE/LAB 3.00 Credits**

Instruction is the basic skills needed to function in this role. Covers responsibilities of the OT Aide, communication, human relations and safety.

**AHLTH-183 PHYSICAL THERAPY AIDE AND LAB 3.00 Credits**

Provides instruction in basic skills needed to function in this role. Covers responsibilities of the PT Aide, communication, human relations and safety.

**AHLTH-190 DIRECTED STUDY IN ALLIED HEALTH 1.00-6.00 Credits****AHLTH-191 WORKSHOP IN ALLIED HEALTH 1.00-6.00 Credits****AHLTH-192 SPECIAL TOPIC IN ALLIED HEALTH 1.00-6.00 Credits****AHLTH-220 EMERGENCY MEDICAL TECHNICIAN 6.00 Credits**

This course will prepare the student to meet the EMT-Basic level in order to work effectively as part of the healthcare team. The course provides didactic knowledge so that the student can efficiently and effectively provide emergency medical care at the basic life support level with an ambulance service or other specialized agency or department. Students will learn to recognize the nature and seriousness of a scene and emergency victims, assess the extent of injuries or illness, administer appropriate emergency medical care based on that assessment, move or position the patient to minimize further injury or discomfort and transport the patient to the appropriate medical facility. Additionally, students will learn the philosophies and systems of emergency medical services as well as effective strategies for communication with patients, bystanders, families of victims and other healthcare and rescue personnel.

**AHLTH-251 ALLIED HEALTH ORGANIZATIONAL LEADRSHP I 1.00 Credit**

This course provides students the opportunity to develop skills in leadership, public speaking, health teaching and various service projects at the local, state and national levels. Active participation in the Health Occupations Students of America (HOSA) chapter is required. Students learn to apply Robert's Rules of Order and Parliamentary procedure. Students may earn one credit per year based on HOSA advisor's evaluation and may be repeated four times.

**AHLTH-252 ALLIED HEALTH ORGANIZATIONAL LEADRSHP II 1.00 Credit**

Current enrollment in AHLTH-251 is required. Enrollment is subject to advisor approval and limited to officers in Health Occupations Students of America (HOSA). Students may earn one credit per year based on HOSA advisor's evaluation of performance and may be repeated four times.

**AHLTH-290 DIRECTED STUDY IN ALLIED HEALTH 1.00-6.00 Credits****AHLTH-291 WORKSHOP IN ALLIED HEALTH 1.00-6.00 Credits****AHLTH-292 SPECIAL TOPIC IN ALLIED HEALTH 1.00-6.00 Credits****AHLTH-390 DIRECTED STUDY IN ALLIED HEALTH 1.00-6.00 Credits****AHLTH-391 WORKSHOP IN ALLIED HEALTH 1.00-6.00 Credits****AHLTH-392 SPECIAL TOPIC IN ALLIED HEALTH 1.00-6.00 Credits****AHLTH-490 DIRECTED STUDY IN ALLIED HEALTH 1.00-6.00 Credits****AHLTH-491 WORKSHOP IN ALLIED HEALTH 1.00-6.00 Credits****AHLTH-492 SPECIAL TOPIC IN ALLIED HEALTH 1.00-6.00 Credits**

## Anthropology (ANTH)

### Courses

**ANTH-101 INTRODUCTION TO PHYSICAL ANTHROPOLOGY 3.00 Credits**

The primary focus is on primate and hominid evolution, and the related development of culture. Other topics include introductions to paleontology, taxonomy, genetics, human population biology, and primate ethnology.

**ANTH-102 CULTURAL ANTHROPOLOGY 3.00 Credits**

A general introduction to the field of cultural anthropology. The course exposes students to an anthropological perspective on culture and humanity. Cross-cultural comparisons of language, ecology, economy, kinship/family, gender, social stratification, and change comprise the main topics. Theories of culture and methods of studying culture are briefly described.

**ANTH-120 WORLD PREHISTORY 3.00 Credits**

This course takes a world-historical approach in discussing the development of humanity and culture over the past 5 million years. Examples are drawn from all continents. Theories of human and cultural development are introduced.

**ANTH-170 INTRODUCTION TO NATIVE AMERICAN STUDIES 3.00 Credits**

Issues facing contemporary native people are studied in the context of basic information about American Indian people in the United States. The diversity of Native historical roots and current social settings are discussed. The approach is topical and selective, rather than comprehensive.

**ANTH-192 SPECIAL TOPICS IN ANTHROPOLOGY 3.00 Credits****ANTH-195 PRACTICUM IN ANTHROPOLOGY 1.00-12.00 Credits****ANTH-205 GLOBAL ISSUES IN CULTURAL PERSPECTIVE 3.00 Credits**

This course helps students to frame local issues in a global perspective by examining the relationship between globalization and cultural change. Globalization is the process of rapid technological, social, and cultural change. These changes have a profound affect on people's world view because they are intertwined with many local issues, such as health, environmental change, and violence.

**ANTH-289 FIELD SCHOOL ARCHAEOLOGY 1.00-8.00 Credits**

Diversity of human cultures; social organizations, subsistence patterns, economics, law, politics, religion, language and other institutions of culture explored through on-site field studies. Pre-requisite: Permission of the instructor. Students will be responsible for expenses associated with field school.

**ANTH-290 DIRECTED STUDY IN ANTHROPOLOGY 1.00-3.00 Credits****ANTH-291 WORKSHOP IN ANTHROPOLOGY 1.00-3.00 Credits****ANTH-292 SPECIAL TOPICS IN ANTHROPOLOGY 1.00-3.00 Credits****ANTH-295 PRACTICUM IN ANTHROPOLOGY 1.00-6.00 Credits****ANTH-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****ANTH-310 CULTURE AND HEALTH 3.00 Credits**

The linguistic and cultural dimensions of health and health care are examined through comparisons of traditional and 'Western' medical systems. Topics include world view, values, stress and development, and social organization.

**ANTH-311 CULTURE AND EDUCATION 3.00 Credits**

The sociocultural dimensions of learning/teaching are examined by contrasting educational experiences in different communities and cultural traditions. Topics include language, enculturation, socialization, schooling, and cultural hegemony. Pre-requisites: ANTH-102, SS-150, Post-Baccalaureate, or instructor permission.

**ANTH-320 NORTH AMERICAN INDIANS 3.00 Credits**

The regional similarities and differences of native peoples are broadly described. Issues such as the impact of the Colombian exchange, conquest and accommodation, and sociocultural change affecting indigenous culture are discussed using ethnographic examples.

**ANTH-360 RACE AND ETHNICITY 3.00 Credits**

An introduction to the theoretical and substantive issues in the study of race and ethnicity. Students learn about the historical development of race and ethnicity as social categories and examine contemporary race and ethnic relations in the United States and other societies.

**ANTH-365 COMPARATIVE RELIGION 3.00 Credits**

The world's major religious traditions are outlined emphasizing the sociocultural context of doctrine, ritual, community, and the individual. Pre-requisite: Junior standing or permission of the instructor.

**ANTH-368 SEX, EVOLUTION AND HUMAN NATURE 3.00 Credits**

Human sexuality, male-female relations, cooperation, violence and parent-child relations examined cross-culturally and in nonhuman primates utilizing evolutionary and biocultural perspectives. Pre-requisites: ENGL-102 or ENGL-109, or permission from the instructor. Cross-listed with PSYC-368.

**ANTH-380 CULTURE AND ENVIRONMENT 3.00 Credits**

Humans have always altered their environment, but in the last fifty years we have witnessed and experienced global environmental changes with no precedent in human history. Anthropology and Geography provide unique lenses from which to analyze the diversity of approaches to understanding and responding to environmental issues. This course provides an introduction to perspectives on human interaction with the environment and emphasizes the mutual interconnectedness of people and nature. How have humans shaped the environment over time and how has the environment shaped human societies? From a holistic and cross-cultural perspective we can investigate the cultural variation and ingenuity in human adaptive strategies around the globe; improving our understanding of contemporary environmental problems and their solutions. Cross-listed with GEOG-380.

**ANTH-386 ETHNOGRAPHY 3.00 Credits**

In this course, students will be introduced to the qualitative and quantitative methods of Ethnography, the process of developing "natural histories" of daily community life, and will apply these methods by designing and conducting a limited ethnographic research project.

**ANTH-390 DIRECTED STUDY IN ANTHROPOLOGY 1.00-3.00 Credits****ANTH-391 WORKSHOP IN ANTHROPOLOGY 1.00-3.00 Credits****ANTH-392 SPECIAL TOPICS IN ANTHROPOLOGY 1.00-3.00 Credits****ANTH-394 INTERNSHIP IN ANTHROPOLOGY 1.00-12.00 Credits**

INTERNSHIP IN ANTHROPOLOGY.

**ANTH-395 PRACTICUM IN ANTHROPOLOGY 1.00-6.00 Credits****ANTH-399 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****ANTH-450 ETHNOGRAPHY OF A SELECTED AREA 3.00 Credits**

A cultural, social, and linguistic overview of a world region (e.g., Africa, South America, India) selected by the instructor. The region's major cultural patterns and variations will be outlined through particular cultures. Pre-requisite: ANTH-102.

**ANTH-489 FIELD SCHOOL ANTHROPOLOGY 1.00-8.00 Credits**

Diversity of human cultures; social organizations, subsistence patterns, economics, law, politics, religion, language and other institutions of culture explored through on-site field studies. Pre-requisite: Permission of the instructor. Students will be responsible for expenses associated with field school.

**ANTH-490 DIRECTED STUDY IN ANTHROPOLOGY 1.00-3.00 Credits****ANTH-491 WORKSHOP IN ANTHROPOLOGY 1.00-3.00 Credits****ANTH-492 SPECIAL TOPICS IN ANTHROPOLOGY 1.00-3.00 Credits****ANTH-494 INTERNSHIP IN ANTHROPOLOGY 1.00-6.00 Credits**

## Art (ART)

### Courses

**ART-100 INTRODUCTION TO ART 3.00 Credits**

An interdisciplinary consideration of the historical sequence of art styles; slides, lectures and discussions of architecture, painting, sculpture and other arts are seen from the viewpoints of the philosopher, the artist and the layperson.

**ART-111 DRAWING I 3.00 Credits**

Projects in basic representation and formal analysis; still life and landscape, some consideration of figure drawing. The use of charcoal, pencil, ink and certain color media.

**ART-121 VISUAL COMMUNICATION/DESIGN PROCESS 3.00 Credits**

Lecture and studio exercises in the use of elements of form; lines, shapes, textures, values and colors. Experiments into the theory and nature of decorative and plastic pictorial and sculptural devices.

**ART-122 VISUAL COMMUNICATION/DESIGN PROCESS 3.00 Credits**

Lecture and studio exercises in the use of elements of form; lines, shapes, textures, values and colors. Experiments into the theory and nature of decorative and plastic pictorial and sculptural devices.

**ART-211 DRAWING II 3.00 Credits**

Individual investigation of advanced concepts and techniques of drawing. Pre-requisite: ART-111 or ART-112.

**ART-231 PAINTING I 3.00 Credits**

Fundamentals of expressive paint application and color. Recommended pre-requisites: ART-111, ART-121 and ART-122.

**ART-235 COMPOSITION 2.00 Credits**

Painting and design problems concerned primarily with the structural use of the principles of organization in representational and nonrepresentational art. Recommended pre-requisites: ART-111, ART-121 and ART-122.

**ART-236 COMPOSITION 2.00 Credits**

Painting and design problems concerned primarily with the structural use of the principles of organization in representational and nonrepresentational art. Recommended pre-requisites: ART-111, ART-121 and ART-122.

**ART-237 SECONDARY MATERIALS AND METHODS 3.00 Credits**

Methods, materials, theory and techniques for the secondary classroom; correlation of art with other secondary school subjects and activities.

**ART-241 SCULPTURE I 3.00 Credits**

Experiments in figurative and nonfigurative three-dimensional form, employing sculptural tools, materials and techniques.

**ART-251 RELIEF PRINTMAKING 3.00 Credits**

Designed to give the art student a basic creative understanding of the problems and processes, materials and techniques of graphic design and printmaking. Recommended pre-requisites: ART-111, ART-121 and ART-122.

**ART-261 CERAMICS I 3.00 Credits**

Essential techniques of primitive and wheel pottery; clay preparation, design, glazing and firing.

**ART-281 WATERCOLOR I 3.00 Credits**

The techniques of transparent and opaque watercolor painting. Recommended pre-requisites: ART-111, ART-121, and ART-122.

**ART-290 DIRECTED STUDY IN ART 1.00-3.00 Credits****ART-291 WORKSHOP IN ART 1.00-3.00 Credits****ART-292 SPECIAL TOPICS IN ART 1.00-3.00 Credits****ART-295 PRACTICUM IN ART 1.00-12.00 Credits****ART-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****ART-301 HISTORY OF ART 3.00 Credits**

A formal, stylistic and chronological study of the various disciplines of occidental art.

**ART-302 HISTORY OF ART 3.00 Credits**

A formal, stylistic and chronological study of the various disciplines of occidental art.

**ART-311 DRAWING III 3.00 Credits**

Advanced drawing; conceptual and perceptual experimental exercises in the practical techniques of draftsmanship. Pre-requisite: ART-211.

**ART-331 PAINTING II 3.00 Credits**

Advanced techniques in painting and color usage; emphasis placed on fulfilling personal vision in terms of good form. Pre-requisite: ART-231.

**ART-335 COMPOSITION II 2.00 Credits**

Painting and advanced design problems concerned experimentally with structure and form applied to the individual student's concepts. Pre-requisites: ART-235 and ART-236.

**ART-336 COMPOSITION II 2.00 Credits**

Painting and advanced design problems concerned experimentally with structure and form applied to the individual student's concepts. Pre-requisites: ART-235 and ART-236.

**ART-341 SCULPTURE II 3.00 Credits**

Individual investigation of sculptural concepts and advanced techniques. Pre-requisite: ART-241.

**ART-351 RELIEF PRINTMAKING II 3.00 Credits**

Continuing creative experimentation into the processes of relief printmaking. Pre-requisite: ART-251.

**ART-361 CERAMICS II 3.00 Credits**

Further development of creative techniques of primitive and wheel pottery. Pre-requisite: ART-261.

**ART-375 ELEMENTARY ART METHODS 3.00 Credits**

Preparation for elementary school teachers to meet art requirements in the self-contained elementary classroom; study of materials and techniques; correlation of the teaching of art with other elementary school subjects and activities.

**ART-381 WATERCOLOR II 3.00 Credits**

Advanced problems in transparent and opaque watercolor painting. Pre-requisite: ART-281.

**ART-390 DIRECTED STUDY IN ART 1.00-3.00 Credits****ART-392 SPECIAL TOPICS IN ART 1.00-12.00 Credits****ART-394 INTERNSHIP IN ART 12.00 Credits****ART-431 PAINTING III 3.00 Credits**

A continuation of advanced individual effort; the fusion of subjectivity and form. Pre-requisite: ART-331.

**ART-450 DIGITAL PHOTOGRAPHY 3.00 Credits**

This course examines both the art and application of digital photography. It will include elements of the history of photography, technical operation of cameras, current developments in the field of photography, theoretical aesthetics, and photo criticism. Access to camera required. Cross-listed with COMM-450.

**ART-481 WATERCOLOR III 3.00 Credits**

Refining and strengthening advanced capabilities in the transparent and opaque watercolor techniques. Pre-requisite: ART-381.

**ART-490 DIRECTED STUDY IN ART 1.00-3.00 Credits****ART-491 WORKSHOP IN ART 1.00-3.00 Credits****ART-492 SPECIAL TOPICS IN ART 1.00-3.00 Credits****ART-494 INTERNSHIP IN ART 1.00-12.00 Credits****ART-495 PRACTICUM IN ART 1.00-12.00 Credits****ART-499 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits**

## Automated Manufacturing Tech (AMFTI)

### Courses

**AMFTI-110 MACHINING THEORY I 2.00 Credits**

This course is designed to impart technical knowledge and skills for the use of manufacturing equipment and procedures. The knowledge and skills mastered in this class are an introduction to design and production in the machining operation process to include lathe operations. Introduction to history, theory and uses of simple cutting tools, hand tools, hand held power tools, grinders, and machine tools with focus on lathes. Measuring and layout of parts using precision scales, squares, calipers and micrometers. Material knowledge of metals and synthetics to relate to the machining process. Machine cutting tools and their designed use including speeds and feeds. Knowledge of work holding as it relates to machine shop equipment which include jigs and fixturing and correct machining order.

**AMFTI-111 MACHINING THEORY 3.00 Credits**

Introduction to the machine shop environment to include but not limited to safety in work place and use of tools safely. Introduction to history, theory and uses of simple cutting tools, hand tools, hand held power tools, machine tools with focus on lathes, milling machines and grinders. Measuring and layout of parts using precision scales, squares, calipers and micrometers. Material knowledge of metals and synthetics to relate to the machining process. Machine cutting tools and their designed use including speeds and feeds. Knowledge of work holding as it relates to machine shop equipment which include jigs and fixturing and correct machining order.

**AMFTI-112 MACHINING THEORY II 2.00 Credits**

Machine Tool Theory II is designed to impart technical knowledge and skills for the use of manufacturing equipment and procedures. The knowledge and skills mastered in this class are an extension of Machining Theory I, to design and produce in the machining process to include milling operations. Uses of simple cutting tools, hand tools, hand held power tools, grinders, and machine tools with focus on milling. Measuring and layout of parts using precision scales, squares, calipers and micrometers. Material knowledge of metals and synthetics to relate to the machining process. Machine cutting tools and their designed use including speeds and feeds. Knowledge of work holding as it relates to machine shop equipment which include jigs and fixturing and correct machining order.

**AMFTI-121 INTRODUCTION TO CAD 3.00 Credits**

An introduction to the engineering graphic principles and the use of drafting tools to include; line work, lettering, applied geometry, dimensioning and orthographic projections. The student will, upon completion of this course, be able to create, using Computer Aided Drafting (CAD), 2-D construction, using advanced commands, sketching and orthographic views. Pre-requisite/Co-requisite: MTHPT-103/MTHPT-123.

**AMFTI-122 ENGINEERING GRAPHICS WITH AUTOCAD 4.00 Credits**

Applying engineering graphic principles using CAD for sectional views, auxiliary views, dimensions, tolerances, threads, fasteners, working drawings, gears, bearings, and cams. This course in CAD will emphasize visualization and spatial relations. The student will define and draft orthographic & isometric projections & other pictorial drawings; develop auxiliary views; determine points of intersections; draft developments and working drawings. Construction principles, input schemes, command structures and data management will be studied and combined into a design project at course conclusion. Pre-requisite: MTHPT-103 or appropriate math placement score.

**AMFTI-123 ENGINEERING GRAPHICS USING AUTOCAD 3.00 Credits**

Applying engineering graphic principles using CAD for sectional views, auxiliary views, dimensioning, tolerancing, geometric tolerances, threads and fasteners, working drawings, and gears, bearings and cams. This course in CAD will emphasize visualization and spatial relations. Construction principles, input schemes, command structures and data management will be studied and combined into a design project at course conclusion. Pre-requisite: MTHPT-103/MTHPT-123.

**AMFTI-124 APPLIED BLUEPRINT READING 2.00 Credits**

Interpreting Blueprints in an introduction to identifying blueprint information, needed to produce a machined part, through the interpretation of lines, symbols, and numbers as shown on two and three view orthographic drawings. During the discussion of tolerances, Geometric Dimensioning and Tolerancing will be introduced. Pre-requisite: MTHPT-103.

**AMFTI-125 ENGINEERING GRAPHICS APPLICATIONS 3.00 Credits**

An advanced course using engineering graphic principles with AutoCAD to include: fundamentals of 3D drawing, surface modeling, solid modeling, and descriptive geometry. Upon completion of this course, the student, using CAD will be able to create the fundamental concepts to produce 3D drawings and create 3D objects using surface modeling and solid modeling. The student will be able to apply precision dimensioning and development to working drawings and technical illustrations. Pre-requisite/Co-requisite: MTHPT-103/MTHPT-123.

**AMFTI-141 MACHINING LAB I 3.00 Credits**

This course provides practical hands-on application of manual machine processes: drilling, tapping, milling, grinding, turning, boring and the study of material machining methodology. The second section provides the students with the knowledge for lab operation of machining special attachments, bench work, layout, heat-treating, hardness testing, layout inspection, jig and fixture setup, and tool design. Pre-requisite: AMFTI-110.

**AMFTI-143 MACHINING LAB II 3.00 Credits**

This course provides the students with the knowledge for lab operation of machining, special attachments, bench work, layout, heat-treating, hardness testing, layout inspection, jig and fixture setup, tool design. The final section of this course is designed to provide the students with the development of machining plans for the efficient machining of moderately complex parts. Individualized laboratory practice will integrate the textbook, reference manuals and technical tools placing emphasis on the production of moderately complex products using production machines, setups, and fixtures. Pre-requisite: AMFTI-112.

**AMFTI-145 INTRODUCTION TO NC AND CNC 3.00 Credits**

This course will cover the introduction to numerical controls for x, y, and z-axis application, tool controls for hole and milling operations, blueprint reading for NC and CNC programming, and Geometric Dimensioning and Tolerancing for NC programming. Programming will include hole operation, linear profiles, circular profiles, cutter diameter compensation, and programming with subprograms. Pre-requisite: AMFTI-143.

**AMFTI-161 QUALITY CONTROL 1 METROLOGY 3.00 Credits**

This class explores methods of ensuring quality in manufacturing through application of codes and standards, sampling techniques, control charts and implementation of documented quality assurance programs. Pre-requisite: MTHPT-103 or higher.

**AMFTI-190 DS:AUTOMATED MANUFACTURING TECHNOLOGY 1.00-12.00 Credits**

This course offers the opportunity to learn advanced skills in an area mutually agreed upon and related to the manufacturing field by the student and instructor. The student and instructor will develop a set of objectives and time guidelines to complete a specialized project or course of study and a plan to achieve these objectives.

**AMFTI-232 GD&T APPLICATION & INTERPRETATION 3.00 Credits**

This is a study in Geometric Dimensioning and Tolerancing as related to design, manufacturing, and inspection. This study will adhere to ASME Y14.5-2018 standard. This course will explore and emphasize symbology, size tolerances, form controls, datums, datum references, orientation, positioning, runout and profile tolerancing, as well as practical and project based applications. These skills will be used in application on both 2D drawings and 3D cad models as well as manufacturing documentation. Pre-requisite: AMFTI-145.

**AMFTI-241 INTRODUCTORY CAD AND CAM 3.00-4.00 Credits**

This course will teach the elementary principles of Computer Aided Machining (CAM) and Computer Numerical Controlled (CNC) machining. The course introduces the manufacturing or engineering student to the world of turning a virtual object into an actual object, (going from Art to Part). Students taking the course for 4 credits will be required to complete a 2-D project and written report. Pre-requisite: AMFTI-145.

**AMFTI-243 ADVANCED CAD AND CAM 3.00-4.00 Credits**

A continuation in the study of G and M codes from AMFTI 241. The emphasis will be in transforming 3-D models (including wire frame, surface, and solid models) into 3-D tool path definitions. Students taking the course for 4 credits will be required to complete a 3-D project and written report. Pre-requisite: AMFTI-241.

**AMFTI-245 CNC MACHINING PROCESSES 3.00 Credits**

This course will cover techniques and fixed cycles for CNC lathe programming, modern computer-aided parts programming, elements of the computer-controlled factory, and verifying part programs. Pre-requisite: AMFTI-241.



**AMFTI-261 QUALITY CONTROL 3.00 Credits**

This class explores methods of ensuring quality in manufacturing through application of codes and standards, sampling techniques, control charts and implementation of documented quality assurance programs. Pre-requisite: MTHPT-103 or instructor's permission.

**AMFTI-263 PROJECT PLANNING 3.00 Credits**

Analysis and planning of manufacturing procedures in the development of a project plan, schedule and control of the project. This will include material and process for manufacturing utilizing ISO 9000 guidelines for documentation of the part(s) developed for the project. Pre-requisite/Co-requisite: AMFTI-261.

**AMFTI-265 MANUFACTURING PROJECT 6.00 Credits**

A project emphasizing the initiative of the student. Decisions by the student/manufacturing entity are made after evaluation of all factors related to the project. The role of the instructor is that of a consultant after each proposed project is approved. Pre-requisite/Co-requisite: AMFTI-261.

**AMFTI-290 DS:AUTOMATED MANUFACTURING TECHNOLOGY 1.00-10.00 Credits**

This course offers the opportunity to learn advanced skills in an area mutually agreed upon and related to the manufacturing field by the student and instructor. The student and instructor will develop a set of objectives and time guidelines to complete a specialized project or course of study and a plan to achieve these objectives.

**AMFTI-292 DIRECTED SPECIAL PROJECTS 1.00-10.00 Credits**

Opportunity to learn additional skills in specific area of study for the manufacturing technology program. Student and instructor develop a set of objectives and time guidelines to complete advanced skills in the course registered for and a plan to achieve these objectives. Pre-requisite: Instructor's permission.

**AMFTI-294 IN: AUTOMATED MANUFACTURING TECHNOLOGY 1.00-12.00 Credits**

Work experience in business related to student career goal. Student is under the supervision of the employer and program coordinator. Registration only with instructor's approval. Pre-requisite: Instructor's permission.

**AMFTI-390 DIRECTED STUDY IN AUTOMATED MANUFACTURING TECHNOLOGY 1.00-12.00 Credits****AMFTI-394 IN: AUTOMATED MANUFACTURING TECHNOLOGY 1.00-12.00 Credits**

Work experience in business related to the student career goal. Student will be working under the supervision of employer and program coordinator. Registration only with instructor's approval. Pre-requisite: Instructor's permission.

**AMFTI-490 DIRECTED STUDY IN AUTOMATED MANUFACTURING TECHNOLOGY 1.00-12.00 Credits****AMFTI-492 DIRECTED SPECIAL PROJECTS 1.00-10.00 Credits**

Opportunity to learn additional skills in specific area of study for the manufacturing technology program. Student and instructor develop a set of objectives and time guidelines to complete advanced skills in the course registered for and a plan to achieve these objectives. Pre-requisite: Instructor's permission.

**AMFTI-494 INTERNSHIP IN AUTOMATED MANUFACTURING TECHNOLOGY 1.00-12.00 Credits**

## Auto Mechanics (AUTMC)

### Courses

**AUTMC-190 DIRECTED STUDY IN AUTO MECHANICS TECHNOLOGY 1.00-6.00 Credits**

Individually prescribed instruction and self-study to meet specific training objectives. May be repeated. Credits earned may not directly apply to degree or certificate.

**AUTMC-200 HVAC AND ACCESSORIES 4.00 Credits**

Students will learn the basic laws of physics governing heating and air conditioning systems, how to safely handle and dispose of refrigerants, lubricants, solvents, and coolants used in automotive HVAC systems. Students will become versed in federal laws and practices and use of equipment in servicing HVAC systems, including information about differing refrigerants and refrigerant lubricants used in industry, how to properly identify, evacuate, charge air conditioning systems, diagnose system failures, perform repairs and services on heating and cooling systems as needed. Care and use of proper tool usage is stressed. Topics will include other electrical devices found in vehicles such as blowers and other power devices. Other projects may be assigned to fit individual needs including the study of climate control management systems and drive motors, heated/cooled seats, anti-theft system operation, cruise control, audio and visual systems, supplemental restraints, power and heated mirrors, heated glass, basic vehicle communication networks, body control modules and related circuitry, basic audio and visual systems as well as an overview of the latest technology.

**AUTMC-209 AUTOMATIC TRANSMISSION REPAIR/DIAGNOSIS 6.00 Credits**

In-depth study of theory, service, and repair of modern automatic transmission, and tools and instruments required. Automotive practices used in automatic transmission, and drive train diagnosis, repairs, and rebuilding.

**AUTMC-212 AUTOMOTIVE TUNE-UP AND DRIVABILITY 6.00 Credits**

Consists of theory of automotive tune-up. Students obtain in-depth knowledge of engines and related systems, control systems, and relationship to overall engine performance. Drivability diagnosing emphasized to develop orderly process of locating faults and analysis of various electronics systems. Live shop process where acquired skills from theory portion are practiced. Use of electronics testing tools and automobile manufacturers' service manuals emphasized to guide each job to a successful completion. Successful completion of all jobs verified by instructor.

**AUTMC-225 ADVANCED COMPUTERIZED FUEL SYSTEMS 6.00 Credits**

Provides technical information necessary to diagnose and maintain computerized fuel systems. Consists of half theory, lecture, and demonstrations, and half internship placement at local business to complete assigned competency list.

**AUTMC-227 AUTOMOTIVE PARTS COUNTER PERSON 1.00-6.00 Credits**

Obtain an understanding of parts management; store operation and personal duties; catalog use and the importance of the computer in the parts industry. Students will learn how to deal with customers one-on-one as well as the use of proper telephone etiquette, inventory control, and parts pricing. Students will be expected to process parts requisitions, control incoming inventory, and order parts using the computer and the telephone.

**AUTMC-290 DIRECTED STUDY IN AUTO MECHANICS TECHNOLOGY 1.00-6.00 Credits**

Directed Study in Auto Mechanics Technology.

**AUTMC-294A IN:AUTOMATIC TRANSMISSIONS REPAIR 1.00-6.00 Credits**

Advanced on-the-job training in automatic transmissions. Student is a paid employee under employer's immediate supervision. Program coordinator works with employer to establish and maintain educational goals.

**AUTMC-294B IN:AUTOMOTIVE MECHANICS 1.00-6.00 Credits**

Advanced on-the-job training with emphasis on automobile electronics. Program coordinator works with employer to establish and maintain training goals.

**AUTMC-294C IN:AUTOMOTIVE AIR CONDITIONING 1.00-6.00 Credits**

On-the-job training in automotive accessories and electrical circuits. Student is employee of local business and under their immediate supervision. Program coordinator works with employer to establish and maintain training goals.

**AUTMC-394 IN: AUTO REPAIR 12.00 Credits**

Individually prescribed instruction and self-study to meet specific training objectives. May be repeated.

## Bioinformatics (BIOF)

### Courses

**BIOF-100 INTRODUCTION TO BIOINFORMATICS 3.00 Credits**

An introduction to bioinformatics as a scientific discipline. No prior knowledge needed. Emphasis is on the application of computational tools and techniques to solving Molecular Biology problems. Topics include: essential concepts in Molecular Biology, DNA sequencing methods, sequence alignment methods, sequence databases and web servers, regulatory sequence motif finding, sequence variation and phylogenetics. Pre-requisite: Placement into core MATH or above.

**BIOF-301 COMPUTATIONAL GENOMICS 3.00 Credits**

Introduction to the current computational methods for whole genome sequence analysis. Emphasis is on large-scale sequence data analysis in a high-performance UNIX/Linux computing environment. Topics include, genome structure and organization, whole genome assembly and annotation, comparative genomics, transcriptome assembly and gene expression analysis, genome arithmetic, DNA polymorphism detection, and small RNA Biology and analysis. Pre-requisite: MATH-170 and CS-250, with a grade of C or better.

**BIOF-350 IMAGE ANALYSIS 4.00 Credits**

Covers image processing techniques with application to biological images. This includes scanning technology, image segmentation, application of machine learning to image analysis, and development of automatic image analysis software. Programming experience is expected. Students will both use and develop image analysis software. Pre-requisite: MATH-170 and CS-250, with a grade of C or better.

**BIOF-399 Research Assistantship 12.00 Credits**

Research Assistantship in Bioinformatics.

**BIOF-495 PRACTICUM IN BIOINFORMATICS 1.00-12.00 Credits**

## Biology (BIOL)

### Courses

**BIOL-100 CONCEPTS OF BIOLOGY 4.00 Credits**

This online course will serve as an introductory course for non-science majors. This course will cover the main biological principles and how these relate to daily life. Topics include cell biology, reproduction and genetics, evolution and ecology. Pre-requisite: Level C or higher. Core math ready (excluding 153P and 123P) or core math complete. See Course Placement Chart for equivalent courses and test scores.

**BIOL-120 PLANTS AND PEOPLE 4.00 Credits**

Fundamentals of plant growth and development are addressed through the study of useful plants. Current and historical uses of plants by cultures around the world with an emphasis on plant form and function, plant diversity and origin of crops. Pre-requisites: Level C or higher. Core math ready (excluding 153P and 123P) or core math complete. See Course Placement Chart for equivalent courses and test scores.



**BIOL-123 BIOLOGY IN FILM 3.00 Credits**

This introductory science course for non-majors will explore the scientific method and biological concepts as they are depicted in popular films. Topics will include genetic diseases, biotechnology, infectious diseases, and bioethics. Prerequisites: Completion of, or current enrollment in, ENGL-102 or ENGL-109.

**BIOL-175 HUMAN BIOLOGY 4.00 Credits**

Form and function of life using the human organism as the specific example. Topics will include: life, evolution, the human organism in the environment, human ecology, human systems including organization, support and movement, processing and transport, integration and coordination, and reproduction and development. Three hours of lecture and one 3-hour laboratory per week. Pre-requisite: MATH-015, MTHPT-010 or MTHPT-012 with a grade of 'C' or better.

**BIOL-181 ECOLOGY, EVOLUTION, DIVERSITY OF LIFE 4.00 Credits**

An introductory course for science majors examining organismal biology in an evolutionary context, including biodiversity and ecology, structure and function, reproduction, physiology, and morphology of viruses, bacteria, protists, fungi, plants, and animals. Three hours of lecture and one 3-hour laboratory period per week. Lab fee. Pre-requisite: Level C or higher. Core math ready (excluding 153P and 123P) or core math complete. See Course Placement Chart for equivalent courses and test scores.

**BIOL-182 CONCEPTS IN CELLULAR MECHANISMS 4.00 Credits**

An introductory course for science majors with emphases on chemical, physical, and biological characteristics of the living organism and its metabolism. Students will acquire a general understanding of the chemistry of life, basic cell structure and function, metabolism, and genetics. Three hours of lecture and one 3-hour laboratory per week. Pre-requisites: CHEM-111 or CHEM-105 with a grade of C or better.

**BIOL-190 DIRECTED STUDY IN BIOLOGY 1.00-12.00 Credits****BIOL-192 SPECIAL TOPICS IN BIOLOGY 1.00-12.00 Credits****BIOL-195 PRACTICUM IN BIOLOGY 1.00-12.00 Credits****BIOL-213 PLANT AND ANIMAL FORM AND FUNCTION 4.00 Credits**

This course examines the comparative anatomy and physiology of animals and plants in an evolutionary context. Pre-requisite: A grade of 'C' or better in BIOL-182 and CHEM-111. Lab fee.

**BIOL-216 FIELD EXPERIENCE IN BIOLOGY 4.00 Credits**

This class will teach students field techniques used in population and community ecology. The course includes a mandatory 5-7 day fieldtrip in which students visit different study sites and ecosystems in the inland northwest. Students will learn about the natural history of the study sites, the plant and animal communities present, and how to collect meaningful data from these sites. After the fieldtrip, students will learn how to analyze their data and write a scientific research paper during the classroom portion of the course. Pre-requisite: BIOL-181 with a grade of C or better.

**BIOL-227 HUMAN ANATOMY AND PHYSIOLOGY I 4.00 Credits**

The first semester of a two semester sequence in Human Anatomy and Physiology. The course focuses on principles of cytology, biochemistry and histology and the following body systems: integumentary, skeletal, muscular, and nervous. Three hours of lecture and one three-hour laboratory per week. Pre-requisite: Level C or higher. Core math ready (excluding 153P and 123P) or core math complete. See Course Placement Chart for equivalent courses and test scores.

**BIOL-228 HUMAN ANATOMY AND PHYSIOLOGY II 4.00 Credits**

The second semester of a two semester sequence in Human Anatomy & Physiology. The course focuses on principles of cytology, biochemistry and histology and the following body systems: endocrine, cardiovascular, immunity, respiratory, digestion, urinary, and reproductive. Three hours of lecture and one three-hour laboratory per week. Pre-requisite: BIOL-227 with a grade of 'C' or better. Co-requisites: CHEM-105 or CHEM-111.

**BIOL-250 MICROBIOLOGY FOR HEALTH SCIENCES 4.00 Credits**

A study of microorganisms causing infectious diseases and contamination of foods. Focus will be on general structure and function of microorganisms, growth, and control through sterilization and antimicrobials. Lab will emphasize growth, identification and aseptic technique. Course does not satisfy requirement for Biology major. Four hours of lecture and one 3-hour laboratory period per week. Pre-requisites: Level C or higher. Core math ready (excluding 153P and 123P) or core math complete. See Course Placement Chart for equivalent courses and test scores.

**BIOL-280 PRE-MEDICAL SEMINAR 1.00 Credit**

A seminar-based course designed to introduce students to the various graduate medical programs, including: physician (MD and DO), dentistry, veterinary, podiatry, optometry, pharmacy, physical and occupational therapy, and physician assistant. Students will discuss current healthcare issues, explore health programs and institutions, and be provided formal assistance as they prepare for programs in medicine. Students will develop strategies for admission, writing personal statements, participating in mock interviews, determining plans for letters of recommendation, and discussing individual credentials for these programs. One hour lecture per week with additional time to be determined by individual needs. Pre-requisites: A grade of 'C' or better in ENGL-101 or satisfactory placement and Math Level C or higher. Core math ready (excluding 153P and 123P) or core math complete. See Course Placement Chart for equivalent courses and test scores. Graded P/F only.

**BIOL-290 DIRECTED STUDY IN BIOLOGY 1.00-4.00 Credits****BIOL-291 WORKSHOP IN BIOLOGY 1.00-4.00 Credits****BIOL-292 SPECIAL TOPICS IN BIOLOGY 1.00-4.00 Credits****BIOL-295 PRACTICUM IN BIOLOGY 1.00-2.00 Credits****BIOL-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****BIOL-312 PATHOPHYSIOLOGY 3.00 Credits**

The physiological basis of disease. Three hours of lecture per week. Pre-requisites: A grade of 'C' or better in the BIOL-228 or instructor's approval. Recommended Co-requisite: BIOL-314.

**BIOL-314 PATHOPHYSIOLOGY RECITATION 1.00 Credit**

Designed to grow student learning and increase proficiency at critical thinking and problem solving. Concurrent enrollment in BIOL-312 is required. Graded P/F only.

**BIOL-331 ECOLOGY 3.00 Credits**

This class will cover ecological principles as they relate to both plant and animal systems. Topics include the physiological adaptations of organisms to their environment, population ecology and the evolution of different life history strategies, and ecological principles related to species interactions and community dynamics. Three hours of lecture per week. Pre-requisites: BIOL-181 and BIOL-182 with a grade of C or better.

**BIOL-341 GENETICS 4.00 Credits**

An introduction to genetic mechanisms in animals, plants and microorganisms. Areas covered include transmission genetics and molecular genetics. Three hours of lecture and one 3-hour lab per week. This course is writing integrated. Pre-requisites: BIOL-182 and CHEM-112 with a grade of C or better.

**BIOL-355 GENERAL MICROBIOLOGY 4.00 Credits**

The structure, physiology, genetics, and metabolism of microorganisms with emphasis on their diversity and ecology. Microorganisms and their relationship to industry, environment, and disease. Lab will emphasize growth, identification, and laboratory design. Three hours of lecture and one 3-hour laboratory per week. Pre-requisite: BIOL-182 with a grade of 'C' or better.

**BIOL-362 CELLULAR AND MOLECULAR BIOLOGY 4.00 Credits**

A comprehensive study of cell structure and function with emphasis on cell organelles and the cellular membrane. Included in this course is a detailed examination of cellular metabolism, the cell cycle, regulation of cell growth and division, cell signaling, and gene expression. Recitation includes a thorough survey of cellular and molecular techniques along with a weekly literature review exploring the use of these techniques. Three hours of lecture and one 3-hour recitation per week. Prerequisite: BIOL-182 with a grade of 'C' or better.

**BIOL-372 COMPUTATIONAL BIostatISTICS 4.00 Credits**

An integrative biology course that incorporates aspects of biology, statistics, and bioinformatics. The course is designed to familiarize students with experimental design and applied biological statistics using the R statistical environment and other freely available analysis packages. Students will apply parametric and non-parametric analytical methods to various forms of biological data, including phenotypic and sequence data. Three hours of lecture and one three-hour laboratory per week. Pre-requisite: BIOL-182 with a grade of 'C' or better.

**BIOL-390 DIRECTED STUDY IN BIOLOGY 1.00-4.00 Credits****BIOL-392 SPECIAL TOPICS IN BIOLOGY 1.00-4.00 Credits****BIOL-394 INTERNSHIP IN BIOLOGY 1.00-12.00 Credits****BIOL-395 PRACTICUM IN BIOLOGY 1.00-12.00 Credits****BIOL-399 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****BIOL-401 MAMMALOLOGY 4.00 Credits**

The study of mammals, their evolution, natural history, identification of regional mammals, and field techniques for scientific study. The course includes anatomy, phylogenetics, systematics, ecology, practical field and laboratory techniques. Three hours of lecture and one 3-hour laboratory period per week. There will be at least one weekend field trip. Pre-requisite: BIOL-181 and BIOL-182, with a grade of C or better.

**BIOL-402 ORNITHOLOGY 4.00 Credits**

The study of birds, their evolution, natural history, identification of regional birds by sight and sound, and field techniques for scientific study. The course includes anatomy, phylogenetics, systematics, ecology, practical field and laboratory techniques. Three hours of lecture and one 3-hour laboratory period per week. There will be at least one weekend field trip. Pre-requisite: BIOL-181 and BIOL-182 with a grade of C or better.

**BIOL-404 ENTOMOLOGY 4.00 Credits**

The study of insects, their evolution, natural history, identification of dominant insects and field techniques for scientific study. Includes anatomy, physiology, phylogenetics, systematics, ecology, practical field and laboratory techniques. Three hours of lecture and one 3-hour laboratory period per week. Pre-requisite: BIOL-181 and BIOL-182 with a grade of C or better.

**BIOL-420 HUMAN DISSECTION 2.00 Credits**

Students dissect and identify gross anatomy of human cadavers under the supervision of the instructor. Pre-requisite: a grade of 'C' or better in BIOL-228.

**BIOL-443 IMMUNOLOGY 3.00 Credits**

Survey of Immunology and Immunological principles. Concepts include development of the immune system, innate versus acquired immunity, immunoglobulin structure and genetics, antigen-antibody reactions, the major histocompatibility complex and antigen presentation, T cell receptors (genetics, structure, selection), T- and B-cell activation and effector functions, cytokines, adhesion molecules, phagocytic cell function, immune responses to infectious organisms and tumors, autoimmune diseases, and immunodeficiency. Three hours of lecture per week. Pre-requisite: BIOL-228, BIOL-250, BIOL-355, or BIOL-362 with a grade of C or better.

**BIOL-450 FIELD BOTANY 4.00 Credits**

This class will use the fields of plant systematics and ecology to examine our regional flora. Within the field of plant systematics, we will survey the plant kingdom, from non-vascular plants to angiosperms, with an emphasis on evolutionary relationships and identification of regional plants. Ecological issues related to our regional plant communities will be examined through readings and discussions of the primary literature. There will be one or two required all day field trips. Pre-requisite: BIOL-181 and BIOL-182 with a grade of C or better.

**BIOL-455 MEDICAL MICROBIOLOGY 3.00 Credits**

Course applies basic principles of Microbiology to aspects of infectious disease. Topics include etiology, epidemiology, pathogenesis, and symptomatology of bacterial, fungal, and viral diseases of humans as well as treatment and prevention. A survey of bacterial, viral, and fungal pathogens serves as the foundation for the course. Pre-requisite: BIOL-355 with a grade of C or better.

**BIOL-460 EVOLUTION 4.00 Credits**

Every area of biological investigation, from the study of biodiversity and consequences of environmental change to the origin and diversification of protein coding genes and variation in developmental processes, is informed by the principles of evolutionary biology. The field of evolutionary biology is one of the most dynamic areas in biology with application to understanding disease dynamics, human biology, agriculture, and the conservation of biological diversity. The study of evolution encompasses both the description and analysis of historical patterns in the biological diversity of life as well as the conceptual and mathematical frameworks that describes the processes causing evolutionary change through time. In this course, we develop the basic mathematical frameworks for population and quantitative genetics and examine evolution at the molecular and phenotypic levels. Throughout the course we draw extensively from the primary literature to illustrate the amazing diversity of life around us and the evolutionary processes that have shaped this diversity over hundreds of millions of years. There will be approximately 3 hours of lecture and 1 hour of literature review per week. Prerequisite: BIOL-341 with a "C" or better.

**BIOL-480 PRE-MEDICAL SEMINAR 2.00 Credits**

A seminar-based course designed to continue the work done in BIOL 280. This course will emphasize a preparation for applications to medical programs and resulting interviews. Students will continue to explore current events in health care and/or medical science. Discussion of individual credentials for medical programs, planning for letters of recommendation, and self-directed professional job shadowing will be included. One hour lecture per week with additional time to be determined by individual needs. Course does not meet senior elective requirement. Pre-requisite: Successful completion of BIOL-280. Graded P/F only.

**BIOL-485 TEACHING ASSISTANT IN BIOLOGY 1.00-2.00 Credits**

Students will learn to organize and prepare laboratory sessions to be taught in biology courses. Students may also gain experience teaching laboratory concepts to biology students.

**BIOL-490 DIRECTED STUDY IN BIOLOGY 1.00-4.00 Credits****BIOL-491 WORKSHOP IN BIOLOGY 1.00-4.00 Credits****BIOL-492 SPECIAL TOPICS IN BIOLOGY 1.00-4.00 Credits****BIOL-494 INTERNSHIP IN BIOLOGY 1.00-12.00 Credits****BIOL-495 PRACTICUM IN BIOLOGY 1.00-2.00 Credits****BIOL-499 SENIOR PROJECT AND SEMINAR IN BIOLOGY 1.00-3.00 Credits**

Students will conduct and communicate the results of a research project in the Natural Sciences Division. Topics may include the historical, philosophical, cultural and environmental aspects, and the processes of natural science. Requirements of students include satisfactory oral presentation and defense of their research and submission of a written report approved by their advisor to the Natural Sciences Division. Pre-requisite: NS-398.

## Business (BUS)

### Courses

**BUS-101 INTRODUCTION TO BUSINESS 3.00 Credits**

Increases student awareness of business functions and the business environment. Crosslisted with MGTPT-101.

**BUS-190 DIRECTED STUDY IN BUSINESS 1.00-12.00 Credits****BUS-192 SPECIAL TOPICS IN BUSINESS 1.00-12.00 Credits****BUS-220 BUSINESS COMMUNICATIONS 3.00 Credits**

Provides students with written and verbal skills to communicate effectively in the business environment. Written skills range from basic grammar and punctuation techniques to writing business memos and reports. Verbal skill situations include preparing presentations and interviews and directing meetings.

**BUS-221 INTRODUCTION TO COMPUTERS/INFO SYSTEMS 3.00 Credits**

Introduction to the characteristics of computer based information systems in organizations. Topics included are: the use of microcomputers in business; the most popular productivity software applications; Management Information Systems (MIS) theory; the importance of MIS in modern international management decision-making; systems analysis and design; and several uses of the Internet.

**BUS-261 SMALL BUSINESS/ENTREPRENEURIAL MGMT 3.00 Credits**

A study of the development and implementation of developing a for-profit enterprise. Emphasis is put on best practices for success in today's global economy. Case studies are used to explore topics ranging from the entrepreneurial lifestyle and mindset to the decision to start a business from scratch, purchase a franchise or existing business, to the components of a business plan, which include management and organization, marketing, financial sections, and managing growth.

**BUS-271 BUSINESS STATISTICS 3.00 Credits**

Survey of descriptive and inferential statistical concepts commonly used in the treatment of data in social science research. The understanding and application of the concepts will be emphasized. Topics include: measures of central tendency, measures of variability, correlation methods, hypothesis testing, and simple analysis of variance. Pre-requisite: MATH-123 with a grade of C or better.

**BUS-290 DIRECTED STUDY IN BUSINESS 1.00-12.00 Credits****BUS-292 SPECIAL TOPICS IN BUSINESS 1.00-12.00 Credits****BUS-294 INTERNSHIP IN BUSINESS 1.00-12.00 Credits**

Introductory level internship in Business. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business courses to an approved business-related work setting. The duties and responsibilities at the work site should constitute new learning for the student. Students will participate in two workshops with other interns in the Business Division, and work at the employer's site for the contracted number of hours. Students will work at the employer's site for the contracted number of hours. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits - Students must have sophomore standing or higher or permission of the instructor - Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**BUS-294A INTERNSHIP IN BUSINESS I 1.00-12.00 Credits**

Introductory level internship in Business. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business courses to an approved business-related work setting. The duties and responsibilities at the work site should constitute new learning for the student. Students will participate in two workshops with other interns in the Business Division, and work at the employer's site for the contracted number of hours. Students will work at the employer's site for the contracted number of hours. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits. - Students must have sophomore standing or higher or permission of the instructor - Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**BUS-294B INTERNSHIP IN BUSINESS II 1.00-12.00 Credits**

Introductory level internship in Business. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business courses to an approved business-related work setting. The duties and responsibilities at the work site should constitute new learning for the student. Students will participate in two workshops with other interns in the Business Division, and work at the employer's site for the contracted number of hours. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits. - Students must have sophomore standing or higher or permission of the instructor - Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**BUS-294C INTERNSHIP IN BUSINESS 1.00-12.00 Credits**

Introductory level internship in Business. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business courses to an approved business-related work setting. The duties and responsibilities at the work site should constitute new learning for the student. Students will participate in two workshops with other interns in the Business Division, and work at the employer's site for the contracted number of hours. Pre-requisite: Sophomore standing or permission of the instructor. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits. - Students must have sophomore standing or higher or permission of the instructor - Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**BUS-294D INTERNSHIP IN BUSINESS 1.00-12.00 Credits**

Introductory level internship in Business. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business courses to an approved business-related work setting. The duties and responsibilities at the work site should constitute new learning for the student. Students will participate in two workshops with other interns in the Business Division, and work at the employer's site for the contracted number of hours. Pre-requisite: Sophomore standing or permission of the instructor. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits. - Students must have sophomore standing or higher or permission of the instructor - Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**BUS-301 FINANCIAL MANAGEMENT 3.00 Credits**

A study of decision making within a firm, emphasizing the financial environment and maximizing the value of the firm. Subjects include financial planning, the CAP model and long-term valuation decisions. Pre-requisites: AC-232 and MATH-123 or higher with a grade of C- or better or permission of the instructor.

**BUS-306 BUSINESS AND CULTURE 3.00 Credits**

This course increases student awareness of business cultures, introduces business industry norms, and aspects of the general business environment on a micro, macro, and global basis.

**BUS-311 FOUNDATIONS OF MANAGEMENT THEORY 3.00 Credits**

Explores the historical foundations of management thought, analyzes the functions of management, and provides a detailed examination of leadership, communication, motivation, and organizational behavior.

**BUS-321 PRINCIPLES OF MARKETING 3.00 Credits**

Examines the basic elements of marketing theory, terminology and concepts with emphasis placed on analyzing consumer motivation.

**BUS-323 PROMOTION METHODS 3.00 Credits**

Focuses on major elements of the promotional mix including personal selling, advertising, sales, promotion, and publicity. Pre-requisite: BUS-321.

**BUS-325 FOOD SERVICE SYSTEMS AND CONTROLS 3.00 Credits**

Provides an introduction to control functions in food and beverage management, including determining standards, operating budgets, and menu production to students preparing for careers in the food and beverage management sector, as well as hotels and other enterprises where this knowledge is necessary.

**BUS-333 CONSUMER BEHAVIOR 3.00 Credits**

Focuses on those activities directly involved in obtaining, consuming, and disposing of products and services, including the decision processes that precede and follow these actions. Topics include individual and small group decision making as well as the major factors shaping these processes: individual differences, psychological processes, and environmental influences. Consumer Behavior is of particular interest to those who, for various reasons, desire to influence or change that behavior, including those whose primary concern is marketing, consumer education and protection, and public policy. Non-business majors are welcome. Pre-requisite: BUS-321 with a grade of C or better and Junior standing or higher; or permission of the instructor.

**BUS-340 RETAIL MARKETING 3.00 Credits**

Includes site selection, organization, merchandising, pricing, promotion, and controls. Pre-requisites: BUS-321.

**BUS-346 NONPROFIT MANAGEMENT 3.00 Credits**

This course introduces students to the nature of nonprofit organizations and provides a framework for managing and leading within the nonprofit sector. Key content areas include: understanding of legal structure, governance and leadership, accountability and performance, strategic planning, partnerships and alliances, employees and volunteers; marketing and communications; and financial management. Theory and practical application are blended in this course, providing an experiential learning experience through a service learning project for a local nonprofit organization. Crosslisted with COMM-346.

**BUS-347 NONPROFIT FUNDRAISING 3.00 Credits**

This course focuses on fundraising from the perspective of a nonprofit organization. Students will explore the skills needed to become a successful fundraiser, including donor research, event planning and evaluation, and community relations. From seeking donors and developing a needs statement through creating a fundraising plan and implementing a successful fundraising event, students will gain practical knowledge, which can be applied in a variety of situations. This course has a large community engagement component, and students will work with real nonprofit organizations to apply course concepts. Crosslisted with COMM-347.

**BUS-348 NONPROFIT GRANT WRITING 3.00 Credits**

This course focuses on grant writing from the perspective of a nonprofit organization. Students will become familiar with grant seeking and grant writing processes. From searching for funders and developing a needs statement through creating a budget and implementing a successful grant, students will gain practical knowledge which can be applied in a variety of situations. Students will gain experience in both writing and reviewing grant proposals. This course has a large community engagement component, and students will work with real nonprofit agencies to apply course concepts. Pre-requisites: Must have Junior standing or higher or permission from the instructor. Crosslisted with COMM-348.



**BUS-352 PUBLIC FINANCE 3.00 Credits**

An examination of the public sector and its contribution to economic welfare, resource allocation, income distribution, stabilization, and economic growth. Pre-requisites: ECON-201 and ECON-202.

**BUS-355 INFORMATION SYSTEMS FOR MANAGERS 3.00 Credits**

Advanced study of the characteristics of computer based information systems in organizations. Topics include: issues and problems in the use of computerized information systems in organizing and operating the business enterprise, global issues in information access, use comparative international applications, and implementation of decision support systems. Pre-requisites: BUS-311 or BUS-312.

**BUS-360 LEADERSHIP 3.00 Credits**

Explores the concept of leadership from an interdisciplinary perspective: psychological determinants of leaders and followers, political factors of governance, sociological issues connecting individuals and small groups, anthropological factors in tracking societal transformations, and management skills in the practice of leadership. Pre-requisite: BUS-311.

**BUS-364 EMOTIONAL INTELLIGENCE 3.00 Credits**

This course will cover evidence-based research on the application and effectiveness of Emotional Intelligence in the work place. This includes building a greater sense of awareness of emotions and learning strategies in yourself and others. Emotional Intelligence will help students develop leadership skills that are constructive, productive and authentic.

**BUS-365 BUSINESS LAW I 3.00 Credits**

Explores the legal environment of business, including the legal system, the nature and source of law as applied to business activity, and labor law and legislation. Emphasis on legislation and cases impacting business practice. Requires the preparation of written briefs for assigned cases. Pre-requisites: ENGL-102 or ENGL-109.

**BUS-366 BUSINESS AND SOCIETY 3.00 Credits**

Surveys the political, legal, and social factors that influence business, the role of business in alleviating social problems, and business' responsibility in light of contemporary ethical and moral values. Writing integrated. Pre-requisites: ENGL-102 or ENGL-109.

**BUS-370 PRODUCTION AND OPERATIONS MANAGEMENT 3.00 Credits**

Examines planning, scheduling, and management of business operations and procedures for achieving continuous improvements in quality in manufacturing and service firms. Topics include forecasting demand and costs, facilities design, production planning, and control procedures. Pre-requisites: MATH-123 or higher, BUS-311, and BUS-271 or ECON-300 with a grade of C- or better.

**BUS-375 BUSINESS LAW II 3.00 Credits**

Business Law II is a continuation of Business Law I and will cover a variety of legal issues including Negotiable Instruments, Agency Law, Business Associations, Creditor Relations, and Regulation of Business. The student will review current events involving the legal environment of business and will prepare case briefs and analyze legal problems. Pre-requisite: BUS-365.

**BUS-380 INTERNATIONAL BUSINESS 3.00 Credits**

An overview of the international business environment, conditions affecting firms conducting business overseas and the effects of a transcultural, multi-currency setting on each of the functional areas of business. Pre-requisites: BUS-311.

**BUS-390 DIRECTED STUDY IN BUSINESS 1.00-12.00 Credits**

Pre-requisite: Must have Junior standing or higher or permission of the instructor.

**BUS-392 SPECIAL TOPICS IN BUSINESS 1.00-3.00 Credits**

Pre-requisite: Must have Junior standing or higher or permission of the instructor.

**BUS-394 INTERNSHIP IN BUSINESS 1.00-12.00 Credits**

Intermediate level internship in Business. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business courses to an approved business-related work setting. The duties and responsibilities at the work site should constitute new learning for the student. Students will participate in two workshops with other interns in the Business Division, and work at the employer's site for the contracted number of hours. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits. -Students must have junior standing or higher or permission of the instructor -Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**BUS-394A INTERNSHIP IN BUSINESS I 1.00-12.00 Credits**

Intermediate level internship in Business. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business courses to an approved business-related work setting. The duties and responsibilities at the work site should constitute new learning for the student. Students will participate in two workshops with other interns in the Business Division, and work at the employer's site for the contracted number of hours. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits. -Students must have junior standing or higher or permission of the instructor -Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**BUS-394B INTERNSHIP IN BUSINESS II 1.00-12.00 Credits**

Intermediate level internship in Business. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business courses to an approved business-related work setting. The duties and responsibilities at the work site should constitute new learning for the student. Students will participate in two workshops with other interns in the Business Division, and work at the employer's site for the contracted number of hours. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits. -Students must have junior standing or higher or permission of the instructor -Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**BUS-394C INTERNSHIP IN BUSINESS III 1.00-12.00 Credits**

Intermediate level internship in Business. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business courses to an approved business-related work setting. The duties and responsibilities at the work site should constitute new learning for the student. Students will participate in two workshops with other interns in the Business Division, and work at the employer's site for the contracted number of hours. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits. -Students must have junior standing or higher or permission of the instructor -Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**BUS-394D INTERNSHIP IN BUSINESS IV 1.00-12.00 Credits**

Intermediate level internship in Business. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business courses to an approved business-related work setting. The duties and responsibilities at the work site should constitute new learning for the student. Students will participate in two workshops with other interns in the Business Division, and work at the employer's site for the contracted number of hours. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits. -Students must have junior standing or higher or permission of the instructor -Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**BUS-400 ADVERTISING 3.00 Credits**

An in-depth study of the advertisement industry. Will explore theories of advertising as they relate to questions of ethics, consumerism, social media, and successful and unsuccessful marketing campaigns. Students will both create and critique advertisements. Suggested prerequisites: COMM-320, COMM-384, BUS-311, and/or BUS-321. Crosslisted with COMM-400.

**BUS-405 ENTREPRENEURSHIP 3.00 Credits**

Explores techniques and challenges in developing and operating a small business. Emphasizes application of classroom learning in cases involving local businesses. Pre-requisites: BUS-321 and Junior standing or higher or permission of the instructor.

**BUS-412 HUMAN RESOURCE MANAGEMENT 3.00 Credits**

A survey of personnel functions including manpower planning, appraisal systems, training and development, labor-management relations, compensation, and safety. Pre-requisite: BUS-311 and must have Junior standing or higher or permission of the instructor.

**BUS-413 ORGANIZATIONAL BEHAVIOR 3.00 Credits**

Provides an introduction to the study of organizational structure and design in a global environment. Organization behavior, intergroup relations, and conflict and decision making from a multicultural perspective will be introduced. The interaction between organizational structure and organizational behavior will be discussed in depth. Pre-requisite: BUS-311 and must have Junior standing or higher or permission of the instructor.

**BUS-416 STAFFING 3.00 Credits**

Provides an in-depth analysis of human resource planning, employee recruitment, selection, placement, evaluation, retention, and terminations/layoffs. Pre-requisites: BUS-412 and Junior standing or higher or permission of the instructor.

**BUS-421 MARKETING RESEARCH 3.00 Credits**

Introduces students to basic research designs, sampling, field work, data collection methods, secondary sources of data, data analysis, and research presentation and evaluation. Pre-requisites: BUS-321 and Junior standing or higher or permission of the instructor.

**BUS-428 MARKETING MANAGEMENT 3.00 Credits**

Investigates the role of the marketing manager in terms of product development, promotion, pricing, physical distribution, and marketing strategy. Pre-requisites: BUS-321 and Junior standing or higher or permission of the instructor.

**BUS-431 PUBLIC RELATIONS 3.00 Credits**

A study of the principles and techniques involved in creating and maintaining a favorable public image. Pre-requisite: BUS-321 and must have Junior standing or higher or permission of the instructor.

**BUS-435 MONEY AND BANKING 3.00 Credits**

Focuses on the relationship between depository institutions, their lending, and money demand/supply conditions. The effects of monetary policy on banks, financial markets, and the macro economy are also considered, as are the effects of banks' concerns over profits, liquidity, and solvency. Pre-requisites: ECON-201 and ECON-202 and Junior standing or higher or permission of the instructor.

**BUS-440 HUMAN RESOURCE LAW 3.00 Credits**

Provides information and basic considerations in most human resource legislative areas to aid in arriving at informed, reasonable, and defensible answers to many employment-related questions and situations that may arise at the workplace. Laws include, but are not limited to, the Fair Labor Standards Act (FLSA), Title VII of the Civil Rights Act (CRA) of 1964, the Age Discrimination in Employment Act (ADEA), the Americans With Disabilities Act (ADA), the Family and Medical Leave Act (FMLA), and the Equal Pay Act (EPA). Pre-requisites: BUS-412 and Junior standing or higher or permission of instructor.

**BUS-450 TRAINING AND DEVELOPMENT 3.00 Credits**

Introduces students to information about and examples of the most up-to-date developments in training, research, and practice, including the strategic role of training and the use of new technologies in training. Pre-requisites: BUS-412 and Junior standing or higher or permission of the instructor.

**BUS-461 COMPENSATION AND BENEFITS 3.00 Credits**

Provides instruction related to employee compensation policy and benefits administration. Topics include merit pay, seniority pay, pay equity within the organization and the market, international pay issues, legal and discretionary benefits, and executive compensation. Pre-requisites: BUS-412 and Junior standing or higher or permission of the instructor.

**BUS-480 COMPARATIVE INTERNATIONAL MANAGEMENT 3.00 Credits**

Examines the similarities and differences in managerial philosophy and practice in different parts of the world, familiarizing students with organizational, cultural, and ideological perspectives on management in a variety of cultural environments. Pre-requisites: BUS-311 and Junior standing or higher or permission of the instructor.

**BUS-482 INTERNATIONAL MARKETING 3.00 Credits**

Emphasizes the growing importance of an international perspective to successful business operations. Examines problems associated with marketing across national, international, transcultural, and subcultural boundaries. Develops international marketing skills. Pre-requisites: BUS-321 and Junior standing or higher or permission of the instructor.

**BUS-490 DIRECTED STUDY IN BUSINESS 1.00-3.00 Credits**

Pre-requisite: Must have Junior standing or higher or permission of the instructor.

**BUS-492 SPECIAL TOPICS IN BUSINESS 1.00-3.00 Credits**

Pre-requisite: Must have Junior standing or higher or permission of the instructor.

**BUS-494 INTERNSHIP IN BUSINESS 1.00-12.00 Credits**

Advanced level internship in Business. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business courses to an approved business-related work setting. The duties and responsibilities at the work site should constitute new learning for the student. Students will participate in two workshops with other interns in the Business Division, and work at the employer's site for the contracted number of hours. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits. -Students must have junior standing or higher or permission of the instructor -Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**BUS-494A INTERNSHIP IN BUSINESS I 1.00-12.00 Credits**

Advanced level internship in Business. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business courses to an approved business-related work setting. The duties and responsibilities at the work site should constitute new learning for the student. Students will participate in two workshops with other interns in the Business Division, and work at the employer's site for the contracted number of hours. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits. -Students must have junior standing or higher or permission of the instructor -Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.



**BUS-494B INTERNSHIP IN BUSINESS II 1.00-12.00 Credits**

Advanced level internship in Business. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business courses to an approved business-related work setting. The duties and responsibilities at the work site should constitute new learning for the student. Students will participate in two workshops with other interns in the Business Division, and work at the employer's site for the contracted number of hours. Students will work at the employer's site for the contracted number of hours. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits. -Students must have junior standing or higher or permission of the instructor -Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**BUS-494C INTERNSHIP IN BUSINESS III 1.00-12.00 Credits**

Advanced level internship in Business. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business courses to an approved business-related work setting. The duties and responsibilities at the work site should constitute new learning for the student. Students will participate in two workshops with other interns in the Business Division, and work at the employer's site for the contracted number of hours. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits. -Students must have junior standing or higher or permission of the instructor -Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**BUS-494D INTERNSHIP IN BUSINESS IV 1.00-12.00 Credits**

Advanced level internship in Business. The internship is a contracted and supervised learning experience enabling the student to apply skills, techniques, and professional values from business courses to an approved business-related work setting. The duties and responsibilities at the work site should constitute new learning for the student. Students will participate in two workshops with other interns in the Business Division, and work at the employer's site for the contracted number of hours. - 45 hours of supervised and documented work focused on onsite learning equals one hour of academic credit - Up to six credit hours may count towards Business Electives; additional credit hours can be counted as General Electives - Students may register for a minimum of 1 credit and a maximum of 6 credits in a single semester. -The maximum number of internship credits allowed is twelve, with the exception of Accounting graduates who are preparing to sit for the CPA exam. They may earn an additional twelve credits. -Students must have junior standing or higher or permission of the instructor -Students must be a Business Division major in good standing, and must have a 2.0 cumulative GPA and a 2.5 core/major GPA.

**BUS-498 SENIOR STRATEGIC SEMINAR 3.00 Credits**

A capstone course. Students will integrate knowledge of quantitative decision techniques with material drawn from all functional areas of business to formulate, select, implement and evaluate organizational strategies. Pre-requisite: AC-232, BUS-311, BUS-321, and ECON-201 or ECON-202, and Senior standing or permission of the instructor.

**BUS-499 DIRECTED STUDY IN BUSINESS 1.00-3.00 Credits**

Pre-requisite: Must have Junior standing or higher or permission of the instructor.

**BUS-512 HUMAN RESOURCE MANAGEMENT IN HEALTHCARE 3.00 Credits**

This course introduces a strategic approach to human resources management in health care organizations. The overarching goal of the course is to develop an understanding of the concept of strategic human resources management, and the need for alignment between HR practices and an organization's strategies and mission. The course addresses the key human resource functions, including: job analysis, recruiting and selection, performance management, compensation and benefits, and employee retention. The course includes a review of the legal and regulatory environment of human resources management, as well as discussion of healthcare labor markets.

**BUS-513 ORGANIZATIONAL BEHAVIOR 3.00 Credits**

Provides an in-depth study of organizational structure and design. Organization behavior, intergroup relations, and conflict and decision making from a multicultural perspective will be introduced. The interaction between organizational structure and organizational behavior will be discussed.

**BUS-560 LEADERSHIP 3.00 Credits**

Explores the concept of Leadership from an interdisciplinary perspective: psychological determinants of leaders and followers, political factors of governance, sociological issues facing individuals and small groups, anthropological factors in tracking societal transformations, and management skills in the practice of leadership.

## Chemistry (CHEM)

### Courses

**CHEM-100 CONCEPTS OF CHEMISTRY 4.00 Credits**

From the food we eat to the medicines we take to the transportation we use, we experience chemistry every day. In this course, you will study the chemistry of everyday life with the goal of making informed consumer decisions. Pre-requisite: Level C or higher: Core math ready (excluding 153P and 123P) or core math complete. See Course Placement Chart for equivalent courses and test scores.

**CHEM-105 GENERAL, ORGANIC AND BIOCHEMISTRY 4.00 Credits**

An introduction to chemistry with an emphasis on biochemistry for the health professions. Three lectures and one laboratory per week. Pre-requisite: Level C or higher: Core math ready (excluding 153P and 123P) or core math complete. See Course Placement Chart for equivalent courses and test scores.

**CHEM-111 PRINCIPLES OF CHEMISTRY I 4.00 Credits**

A systematic and intensive treatment of chemical principles and their applications. Four hours of lecture/recitation, and one 3-hour laboratory per week. Lab fee. Pre-requisite: Level C or higher: Core math ready (excluding 153P and 123P) or core math complete. See Course Placement Chart for equivalent courses and test scores.

**CHEM-112 PRINCIPLES OF CHEMISTRY II 4.00 Credits**

Elementary theoretical chemistry and its application to analytical practice. Includes emphasis on intermolecular forces, equilibrium, electrochemistry and nuclear chemistry. Four hours of lecture/recitation and one 3-hour laboratory per week. Pre-requisite: CHEM-111 with a grade of C or better. Lab fee.

**CHEM-190 DIRECTED STUDY IN CHEMISTRY 1.00-12.00 Credits****CHEM-192 SPECIAL TOPICS IN CHEMISTRY 1.00-12.00 Credits****CHEM-195 PRACTICUM IN CHEMISTRY 1.00-2.00 Credits****CHEM-199 RESEARCH ASSISTANTSHIP IN CHEMISTRY 1.00-12.00 Credits****CHEM-290 DIRECTED STUDY IN CHEMISTRY 1.00-4.00 Credits****CHEM-291 WORKSHOP IN CHEMISTRY 1.00-4.00 Credits****CHEM-292 SPECIAL TOPICS IN CHEMISTRY 1.00-4.00 Credits****CHEM-294 INTERNSHIP IN CHEMISTRY 12.00 Credits****CHEM-295 PRACTICUM IN CHEMISTRY 1.00-2.00 Credits****CHEM-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****CHEM-300 PHYSICAL CHEMISTRY I WITH LABORATORY 4.00 Credits**

Investigates Properties of Matter and Gases, Laws of Thermodynamics, Energy Changes, Chemical and Phase Equilibrium, Solutions, and Chemical Kinetics. Laboratory component demonstrates and tests these concepts (3 hour lab). Pre-requisite: MATH-175 and CHEM-112 with a grade of C or better.

**CHEM-306 PHYSICAL CHEMISTRY II 3.00 Credits**

Topics include Quantum theory, Atoms, Diatomic Molecules, Polyatomic Molecules and Spectroscopy. Pre-requisite: CHEM-300 with a grade of C or better.

**CHEM-325 QUANTITATIVE ANALYSIS 3.00 Credits**

Theory of classical gravimetric and volumetric chemical analyses with an introduction to instrumental techniques. Basic data handling and statistics, chemical equilibrium, electrochemistry. Three hours of lecture per week. Pre-requisite of CHEM-112 with a grade of C or better. Co-requisite of CHEM-325L.

**CHEM-325L QUANTITATIVE ANALYSIS LABORATORY 2.00 Credits**

Laboratory course companion to CHEM 325 that develops quantitative laboratory skills including accurate/precise weighing and pipetting, acid digestion, dilution, filtration and titration. The operation and basic theory of instruments including molecular and atomic absorption, high performance liquid chromatography, ion chromatography, and gas chromatography-mass spectrometry will be explored. Statistical reasoning will be emphasized. 4 hours per week of lab. PREREQ: CHEM 112; COREQ: CHEM 325; LAB FEE.

**CHEM-353 LABORATORY PREPARATION TECHNIQUES 2.00 Credits**

Techniques of solution preparation, chemical storage and management, prevention of contamination, and quality assurance. One hour of lecture and one 3-hour laboratory per week. Pre-requisite: CHEM-325 with a grade of C or better.

**CHEM-371 ORGANIC CHEMISTRY I 3.00 Credits**

Principles and theories of organic chemistry and the properties, preparations, and reactions of organic compounds. Three hours of lecture per week. This is a writing integrated course. Pre-requisite: CHEM-112 with a grade of C or better.

**CHEM-372 ORGANIC CHEMISTRY II 3.00 Credits**

Continuation of Chemistry 371. Three hours of lecture per week. Pre-requisite: CHEM-371 with a grade of C or better.

**CHEM-373 ORGANIC CHEMISTRY I LAB 1.00 Credit**

Laboratory to accompany Chemistry 371. One 3-hour lab per week. Co-requisite: CHEM-371.

**CHEM-376 ORGANIC CHEMISTRY II LAB 2.00 Credits**

Laboratory to accompany CHEM-372. 3-hours of lab per week and information literacy. Pre-requisite: CHEM-371 and CHEM-373, with a grade of C or better. Co-requisite: CHEM-372. Lab fee.

**CHEM-390 DIRECTED STUDY IN CHEMISTRY 1.00-4.00 Credits****CHEM-392 SPECIAL TOPICS IN CHEMISTRY 1.00-4.00 Credits****CHEM-394 INTERNSHIP IN CHEMISTRY 1.00-12.00 Credits****CHEM-395 PRACTICUM IN CHEMISTRY 1.00-2.00 Credits****CHEM-399 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****CHEM-420 PRINCIPLES OF GEOCHEMISTRY 3.00 Credits**

This 400-level course is designed to draw together the themes and topics from other courses in the Earth Science major into an integrated picture of Earth and its interrelated systems, as well as applying chemistry to these systems. The focal discussion will be on the interactions between the atmosphere, hydrosphere, biosphere and lithosphere and current topics of interest related to them. Of particular interest are scientific problems involving Earth's systems such as coral bleaching, climate change, and water pollution. Pre-requisite: CHEM-112 with a grade of C or better. Crosslisted with GEOL-420.

**CHEM-454 INSTRUMENTAL ANALYSIS 5.00 Credits**

Course covers the basic principles and use of instruments. Ultraviolet, visible, infrared, Raman, and atomic absorption spectroscopy. Electrochemistry. Pre-requisite: CHEM-325 with a grade of C or better.

**CHEM-463 INORGANIC CHEMISTRY 4.00 Credits**

Course covers the basic principles of descriptive chemistry, coordination chemistry, models of bonding in transition metal complexes, molecular symmetry, molecular orbital theory, spectroscopy, and organometallic chemistry. The laboratory component introduces the student to standard aspects of synthetic inorganic chemistry, bioinorganic chemistry, organometallic chemistry and catalytic chemistry. Pre-requisite: CHEM-371 with a grade of C or better.

**CHEM-481 BIOCHEMISTRY I 4.00 Credits**

A study of protein structures and functions and the basics of sugar and lipid protein analysis. Three hours of lecture and one 3-hour laboratory per week. Pre-requisite: CHEM-371 with a grade of C or better.

**CHEM-482 BIOCHEMISTRY II 3.00 Credits**

Functional continuation of CHEM-481. Lipid, amino acid and nucleotide metabolism. Emphasis is on regulation of metabolism, metabolic dysfunctions, biochemical mechanisms of hormone action, biochemical genetics, protein synthesis, and metabolic consequences of genetic defects. Three hours of lecture/discussion per week. Pre-requisite: CHEM-481 with a grade of C or better.

**CHEM-490 DIRECTED STUDY IN CHEMISTRY 1.00-4.00 Credits****CHEM-491 WORKSHOP IN CHEMISTRY 1.00-4.00 Credits****CHEM-492 SPECIAL TOPICS IN CHEMISTRY 1.00-4.00 Credits****CHEM-494 INTERNSHIP IN CHEMISTRY 1.00-12.00 Credits****CHEM-495 PRACTICUM IN CHEMISTRY 1.00-2.00 Credits****CHEM-499 RESEARCH PROJECT AND SEMINAR IN CHEMISTRY 1.00-3.00 Credits**

Students will conduct and communicate the results of a research project in the Natural Sciences Division. Topics may include the historical, philosophical, cultural and environmental aspects, and the processes of natural science. Requirements of students include satisfactory oral presentation and defense of their research and submission of a written report approved by their advisor to the Natural Sciences Division. Pre-requisite: NS-398.

## Collision Repair (CRPTI)

### Courses

**CRPTI-110 INTRODUCTION TO COLLISION REPAIR 6.00 Credits**

Provides a good understanding of the basic operations of a collision repair facility, and the development of safe work habits. The student will understand vehicle design and be familiar with the tools, equipment, and fasteners used in the repair of damaged vehicles.

**CRPTI-110A SAFETY & POLLUTION PREVENTION 2.00 Credits**

The orientation and application of tool safety, shop practices, and shop equipment theories. Industry needs and standards will be addressed. Students will gain knowledge of proper use of equipment, tools, and safety that meet or exceed industry standards. Pre-requisite: Must have a valid driver's license and permission from the instructor.

**CRPTI-110B MINOR COLLISION REPAIR THEORY/LAB 3.00 Credits**

Basic theory in metal finishing and minor body repair. This includes straightening and prepping sheet metals, the proper use of plastic body fillers, abrasives, sanding techniques and air tools. Remove and install necessary trim and hardware to facilitate repair procedures. Practical application of metal finishing and minor body repair. Pre-requisite: Must have a valid driver's license and permission from the instructor.

**CRPTI-110C BASIC COLLISION REPAIR LAB 1.00 Credit**

This course is designed to build a frame-work of basic knowledge to help the student fully understand more advanced units taught later in the program. It provides more lab time for the student to apply basic skills for prepping vehicles for repair. Successful completion of CRPTI-110A and CRPTI-110B are required to take this course.

**CRPTI-120 NON-STRUCTURAL REPAIRS I 6.00 Credits**

The student will be able to demonstrate basic metal straightening techniques, proper use of body fillers, correct procedures used to replace, align, and bolt-on body panels, and a knowledge of working with trim and hardware. The student will learn to perform these tasks at industry standard levels.

**CRPTI-140 NON-STRUCTURAL REPAIRS II 6.00 Credits**

The student will be able to demonstrate the basic steps used to replace welded and bonded body panels. The student will have a thorough understanding of working with movable glass and its hardware, and be able to create a repair estimate on damaged vehicles.

**CRPTI-150 STRUCTURAL REPAIRS I 6.00 Credits**

Analyze structural damage through proper measuring techniques. The student will be able to anchor vehicles to frame equipment and straighten or realign structural members and will perform all welding tasks that are used in collision repair, to industry standards.

**CRPTI-190 DIRECTED STUDY IN COLLISION REPAIR 1.00-6.00 Credits**

Individualized instruction and self-study to meet specific training objectives. Projects are provided to give specialized training for advanced students. Objectives are established with advisor at registration. Credits are earned based on difficulty and scheduled clock hours. A minimum of two hours per week is required for each credit. Final grades are based on effort, project results, and detailed written report of project.

**CRPTI-194 INTERNSHIP IN COLLISION REPAIR 1.00-6.00 Credits**

Individually prescribed instruction and self-study to meet specific training objectives. May be repeated.

**CRPTI-210 STRUCTURAL REPAIRS II 6.00 Credits**

Apply knowledge of replacing complete or partial structural members of damaged automobiles. The student will demonstrate how to restore factory corrosion protection, and how to replace and service stationary glass, and passenger restraint systems to industry standards. Pre-requisite: CRPTI-110 or CRPTI-110A and CRPTI-110B and valid driver's license.

**CRPTI-210A INTRO TO WELDING FOR COLLISION REPAIR THEORY/LAB 3.00 Credits**

After completing this unit of instruction, the student will be able to apply his/her knowledge of replacing complete or partial structural members using industry approved welding techniques. Prepare students to perform basic welding processes and techniques including the application of mild steel, wire feed welding, automotive sheet metals, basic oxyacetylene, MIG welding, plasma air arc cutting. Students will gain knowledge and proper use of equipment, tools, and safety that meet or exceed industry standards. Pre-requisite: CRPTI-110 or CRPTI-110A and CRPTI-110B and valid driver's license.

**CRPTI-210B STRUCTURAL INTEGRITY 3.00 Credits**

Apply knowledge of replacing complete or partial structural members of damaged automobiles. The student will demonstrate how to restore factory corrosion protection, and how to replace and service stationary glass, and passenger restraint systems to industry standards. Pre-requisite: CRPTI-210A and a valid driver's license.

**CRPTI-220 MECHANICAL REPAIRS 6.00 Credits**

Provides the basic knowledge to diagnose and replace or repair automotive mechanical systems including, steering and suspension, electrical systems, brake systems, air conditioning and cooling systems, drive trains, fuel, intake and exhaust systems, and passenger restraint systems.

**CRPTI-230 REFINISHING I 6.00 Credits**

Properly prepare a vehicle surface for undercoat and topcoat systems, apply knowledge in using and maintaining paint booths, spray guns and related refinishing equipment, and demonstrate proper spraying techniques.

**CRPTI-240 REFINISHING II 6.00 Credits**

After completion of this unit of study, the student will be able to properly prepare a vehicle surface for undercoat and topcoat systems, apply knowledge in using and maintaining paint booths, spray guns and related refinishing equipment, and will demonstrate proper spraying techniques. Pre-requisite: CRPTI-110 or CRPTI-110A/CRPTI-110B and valid driver's license.

**CRPTI-240A DETAILING AND POLISHING 2.00 Credits**

This course covers the practical application of detailing and polishing fundamentals including that of pre-wash, paint defect identification, exterior polishing, interior renovation, environmental hazards, proper use of detailing equipment and PPE. Gain knowledge of general safety and health practices, including the use of chemicals and detailing products. Pre-requisite: CRPTI-110 or CRPTI-110A and CRPTI-110B, valid driver's license, and permission from the instructor.

**CRPTI-240B COLOR MATCHING 4.00 Credits**

After completion of this unit of study, the student will be able to properly prepare a vehicle surface for undercoat and topcoat systems, apply knowledge in using and maintaining paint booths, spray guns and related refinishing equipment, and will demonstrate proper spraying techniques. Pre-requisite: CRPTI-240A valid driver's license, and permission from the instructor.

**CRPTI-290 DIRECTED STUDY IN COLLISION REPAIR 1.00-6.00 Credits****CRPTI-292 SPECIAL TOPICS IN COLLISION REPAIR 1.00-6.00 Credits****CRPTI-294 INTERNSHIP IN COLLISION REPAIR 1.00-6.00 Credits**

Individually prescribed instruction and self-study to meet specific training objectives. May be repeated.

**CRPTI-394 IN: COLLISION REPAIR 1.00-6.00 Credits**

Individually prescribed instruction and self-study to meet specific training objectives. May be repeated.

## Communication (COMM)

### Courses

**COMM-101 FUNDAMENTALS OF ORAL COMMUNICATION 3.00 Credits**

This course is designed to provide the student with an understanding of the skills necessary to communicate with others and in groups. In addition, the course will prepare students to present material orally and visually.

**COMM-195 PRACTICUM IN COMMUNICATIONS 1.00-12.00 Credits****COMM-201 INTRODUCTION TO MASS COMMUNICATION 3.00 Credits**

An analysis of the forms and purposes of mass communication. The course focuses on organization, structure, management and unique characteristics of the broadcast, print, and film media.

**COMM-202 INTERPERSONAL COMMUNICATION 3.00 Credits**

A study of skills aimed at improving the individual student's communication in interpersonal relationships and in small group settings. Includes experiential methods through experiences that exemplify concepts taught: self-image, self-disclosure, listening skills, nonverbal skills. This course is writing integrated.

**COMM-203 SMALL GROUP COMMUNICATION 3.00 Credits**

Variables and theories of small group behavior, structure, and interaction. Emphasis on actual experience in small groups.

**COMM-204 PUBLIC SPEAKING 3.00 Credits**

Theory and practice to facilitate basic competency in public speaking through a variety of types of 'one-to-many' speaking situations: banquets, panels and forums, sales presentations, special public ceremonies, political action meetings.

**COMM-205 LOGIC AND ARGUMENTATION 3.00 Credits**

The principles of deductive and inductive logic, how to present cogent arguments, and how to identify errors in reasoning. Writing integrated.

**COMM-211 VIDEO PRODUCTION I 4.00 Credits**

Introduction to the theoretical and practical aspects of basic video production.

**COMM-250 INTRODUCTION TO JOURNALISM 3.00 Credits**

An introduction to the dynamic and complex issues of ethics, framing, mediums, and visuals of journalism practices as well as consumption. Will consider technology and its impact on the field as well as covering theories pertinent to understanding journalism more deeply. Course participants may also publish writing assignments in our student-run, campus newspaper (the Pathfinder). Pre-requisite: ENGL-101.

**COMM-290 DIRECTED STUDY IN COMMUNICATIONS 1.00-3.00 Credits****COMM-291 WORKSHOP IN COMMUNICATIONS 1.00-3.00 Credits****COMM-292 SPECIAL TOPICS IN COMMUNICATIONS 1.00-3.00 Credits****COMM-294 INTERNSHIP IN COMMUNICATIONS 1.00-12.00 Credits****COMM-295 PRACTICUM IN COMMUNICATIONS 1.00-12.00 Credits****COMM-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****COMM-300 EDITING FOR PRINT AND ONLINE 3.00 Credits**

Focuses on writing and revision in both print and online formats. Emphasizes a range of techniques to improve editing skills that are transferrable to a variety of writing styles and technological formats. Pre-requisite: ENGL-102 or ENGL-109. Crosslisted with ENGL-300.

**COMM-301 MEDIA RELATIONS 3.00 Credits**

A broad overview into the different writing principles and practices of TV, radio and print media. The course will cover topic areas such as using and understanding AP style, writing for general audiences, broadcast writing, and writing advertising copy. Also, writing and editing magazine and employee publications, newsletters and brochures, and planning and implementing special events. This course is writing integrated. Pre-requisite: ENGL-102.

**COMM-302 SCREENWRITING 3.00 Credits**

This course explores the various aspects of planning and writing for television, video, and film productions. Cross-listed with ENGL-303.

**COMM-304 ADVANCED PUBLIC SPEAKING 3.00 Credits**

An advanced study of the theory, practice, and criticism of public speaking, with an emphasis on the writing and revision of speeches using a variety of genres, styles, and techniques. Students will employ impromptu, extemporaneous, manuscript, and technology enhanced delivery techniques. Writing Integrated.

**COMM-306 PLAYWRITING 3.00 Credits**

Playwriting is dedicated to the dramatist's processes. Students will learn to write plays by writing plays and analyzing the plays of others. The primary goal of the course is to encourage students to write quickly, fluidly, and fearlessly. Students will write several short plays, which will be revised and over the course of the semester. The emphasis is on experimentation and process. Pre-requisite: ENGL-101. Cross-listed with THEA-306 and ENGL-306.

**COMM-310 ORGANIZATIONAL COMMUNICATION 3.00 Credits**

Study of the theory and practice of communication in organizations, as well as the design and use of instruments for assessing the effectiveness of organizational communication.

**COMM-311 VIDEO PRODUCTION II 1.00-4.00 Credits**

This course is designed to further the student's knowledge of the theoretical and practical aspects of video field production. Pre-requisite: COMM-211 or permission of instructor.

**COMM-320 PERSUASION 3.00 Credits**

A comprehensive review of the process of attitude change. Classical through contemporary views of the persuasion process will be examined. Students will be asked to prepare and make presentations in a wide variety of advocacy situations. Pre-requisite: Completion of Oral Communication area of General Education Core.

**COMM-330 PROFESSIONAL COMMUNICATION 3.00 Credits**

Designed for individuals who are planning a business or professional career. Professional credibility, responsive listening, dealing with conflict, giving and taking criticism, team building, responsibility attribution, and nonverbal components of the communication atmosphere will be included. Pre-requisite: Complete Oral Communication of General Education Core.

**COMM-340 AESTHETICS OF VISUAL PRODUCTION 3.00 Credits**

Examines the aesthetic elements of media production. It will focus on theoretical and practical aspects in the construction and deconstruction of visual imagery.

**COMM-345 INTERCULTURAL COMMUNICATION 3.00 Credits**

Analytic study of the similarities and differences in verbal and nonverbal communication of various cultures. Includes language or code systems and the perception of relational and intent aspects of messages.

**COMM-346 NONPROFIT MANAGEMENT 3.00 Credits**

This course introduces students to the nature of nonprofit organizations and provides a framework for managing and leading within the nonprofit sector. Key content areas include: understanding of legal structure, governance and leadership, accountability and performance, strategic planning, partnerships and alliances, employees and volunteers; marketing and communications; and financial management. Theory and practical application are blended in this course, providing an experiential learning experience through a service learning project for a local nonprofit organization. Crosslisted with BUS-346.

**COMM-347 NONPROFIT FUNDRAISING 3.00 Credits**

This course focuses on fundraising from the perspective of a nonprofit organization. Students will explore the skills needed to become a successful fundraiser, including donor research, event planning and evaluation, and community relations. From seeking donors and developing a needs statement through creating a fundraising plan and implementing a successful fundraising event, students will gain practical knowledge, which can be applied in a variety of situations. This course has a large community engagement component, and students will work with real nonprofit organizations to apply course concepts. Crosslisted with BUS-347.

**COMM-348 NONPROFIT GRANT WRITING 3.00 Credits**

This course focuses on grant writing from the perspective of a nonprofit organization. Students will become familiar with grant seeking and grant writing processes. From searching for funders and developing a needs statement through creating a budget and implementing a successful grant, students will gain practical knowledge which can be applied in a variety of situations. Students will gain experience in both writing and reviewing grant proposals. This course has a large community engagement component, and students will work with real nonprofit agencies to apply course concepts. Pre-requisites: Must have Junior standing or higher or permission from the instructor. Crosslisted with BUS-348.

**COMM-350 SPORTS COMMUNICATION 3.00 Credits**

This course presents students with the basics of communication in sports, with an emphasis on journalism and sports information. This includes the history of the industry, practical reporting, and the role media play in sports. Students will learn how to create press releases, produce creative new media, conduct interviews, handle crises situations, and craft enterprise stories. Considering mythology, ritual, politics, commercial interests, and organizational perspectives, the course probes the communicative practices of sport, with consistent focus on the dynamic between participant, spectator, and the sports media. Pre-requisite: Complete Oral Communications of General Education Core or Instructor Permission.

**COMM-357 CONTEMPORARY EUROPEAN CULTURE IN FILM 3.00 Credits**

Examines various aspects of European culture through the medium of film and provides a comparative view of the diverse subcultures that are included in European countries. Emphasizes the significance of foreign cinema as a medium of communication and complements studies of intercultural communication.

**COMM-360 HISTORY OF MOTION PICTURES 3.00 Credits**

Examines the history and development of motion picture art. Cross-listed with HIST-360.

**COMM-361 FILM STUDIES: ANIMATION 3.00 Credits**

This class looks at the development of animation as an art form. It will roughly follow the historical development of animation throughout the world.

**COMM-362 FILM STUDIES: THE DOCUMENTARY TRADITION 3.00 Credits**

This class will examine the history and development of nonfiction films from the first film made in 1895, to the modern era.



**COMM-363 FILM STUDIES: NATIVE AMERICANS IN FILM 3.00 Credits**

This course will examine the treatment of Native Americans in film and video. We will look at images depicting the character and behavior of Native Americans in film.

**COMM-370 POLITICAL COMMUNICATION 3.00 Credits**

This course deals with communication as the essence of the political process. By examining such topics as political campaigning, the press-government relationship, and the rhetoric of political leaders, the implications of political communication are addressed from the perspectives of politicians, the press, and the public. Cross-listed with POLS-370.

**COMM-375 CREATING DIGITAL MEDIA 3.00 Credits**

This course is designed to give the non-expert practical experience in making digital media using simple tools of graphic design, photo editing, video editing, and audio editing. Although the course will provide an introduction to industry best practices in digital media, the main goal of the course is to give students experience in adapting written messages for audiovisual media. This workshop based course will require students to submit their digital media assignments for review from their peers. All reading materials for the course will be free Open Educational Resources online. Some of the software used in the course will be available for free, but students will be expected to purchase low-cost software subscriptions and have access to a laptop or personal computer for producing their various digital media assignments over the semester.

**COMM-380 ETHICAL ISSUES IN COMMUNICATION 3.00 Credits**

An exploration of ethical issues in communication. Includes an examination of media standards through the use of case studies, readings, and class discussion.

**COMM-384 COMMUNICATION THEORY 3.00 Credits**

Integrates the major theoretical contributions to the communication discipline. Scientific, social/scientific, and humanistic influences on the development of communication theory.

**COMM-390 DIRECTED STUDY IN COMMUNICATIONS 1.00-3.00 Credits****COMM-392 SPECIAL TOPICS IN COMMUNICATIONS 1.00-3.00 Credits****COMM-394 INTERNSHIP IN COMMUNICATIONS 1.00-12.00 Credits****COMM-395 PRACTICUM IN COMMUNICATIONS 1.00-12.00 Credits****COMM-399 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****COMM-400 ADVERTISING 3.00 Credits**

An in-depth study of the advertisement industry. Will explore theories of advertising as they relate to questions of ethics, consumerism, social media, and successful and unsuccessful marketing campaigns. Students will both create and critique advertisements. Suggested prerequisites: COMM-320, COMM-384, BUS-311, and/or BUS-321. Crosslisted with BUS-400.

**COMM-402 ADVANCED SCREENWRITING 3.00 Credits**

Designed for students already familiar with proper screenwriting principles. Students read, analyze, and study the craft of writing for television and film. In a workshop environment, students develop an original idea from initial concept to completion of a full-length screenplay. Pre-requisite: ENGL-303 or COMM-302. Cross-listed with ENGL-403.

**COMM-405 MULTIMEDIA WRITING 3.00 Credits**

Designed to help develop professional writing skills and practice writing on a deadline. This course will provide instruction and practice in various genres of journalistic writing, including feature writing and sports journalism, among others. Will cover new media practices (social media and writing for the web) as well as traditional media writing. Pre-requisite: ENGL-102 or ENGL-109. Cross-listed with ENGL-405.

**COMM-406 ADVANCED PLAYWRITING 3.00 Credits**

Playwriting is dedicated to the dramatist's processes. Based on the work from THEA-306, students will continue to develop their skills by learning to write 1-act and full-length plays by writing plays and analyzing the plays of others. The primary goal of the course is to encourage students to write quickly, fluidly, and fearlessly. Students will write several plays, which will be revised over the course of the semester. The emphasis is on experimentation and process. Cross-listed with THEA-406 and ENGL-406. Pre-requisite: THEA-306.

**COMM-411 VIDEO PRODUCTION UNIT 1.00-4.00 Credits**

An advanced video production course designed to allow students to apply the skills learned in COMM-211/COMM-311.

**COMM-420 RESTORATIVE COMMUNICATION 3.00 Credits**

Using techniques of self-reflection and methods based in appreciative inquiry, explores various approaches to cultivating sustainable communication within both organizational and interpersonal relationships. Covers contemporary communication issues in a variety of contexts and will implement theory-based strategies from a synthesis of interpersonal communication, positive psychology, and leadership theory. Pre-requisite: ENGL-101 or ENGL-109.

**COMM-440 SOCIAL MEDIA MARKETING 3.00 Credits**

This course combines the traditional field of marketing with the new(er) practice of social media communication. Marketing commonly involves breaking down audiences into demographic population segments so that businesses or organizations can more effectively sell a product, service, or idea. Social media is a setting where marketing happens, just as marketing also happens in newspapers, snail mail, radio, TV, billboards, events, etc. Additionally, social media is a communication practice where individuals and users participate in a finite attention economy where each message is competing for the time and attention of a target audience. Pre-requisite: Complete Oral Communications of General Education Core or Instructor Permission.

**COMM-450 DIGITAL PHOTOGRAPHY 3.00 Credits**

This course examines both the art and application of digital photography. It will include elements of the history of photography, technical operation of cameras, current developments in the field of photography, theoretical aesthetics, and photo criticism. Access to camera required. Cross-listed with ART-450.

**COMM-470 HUMAN RELATIONS: CONFLICT MANAGEMENT 3.00 Credits**

The primary focus of this course will be to understand the nature of conflict (and how it differs from disagreement), learning how to manage it, and if possible, to de-escalate it in both personal and professional situations. Cross-listed with HRPT-470.

**COMM-475 THE DARK SIDE OF HUMAN RELATIONS 3.00 Credits**

Will investigate how individuals cope with difficult, problematic, distressing, and disruptive social interaction. The topics in this course are the hidden and forbidden aspects of interpersonal communication often examined within only one specific discipline. With the prime focus on the communicative dynamics of these social interactions this course will take an interdisciplinary perspective that spans communication, psychology, sociology, and other cognitive disciplines; and will shine a light on the complexities, both moral and functional, involved in close relationship processes. Cross-listed with HRPT-475.

**COMM-490 DIRECTED STUDY IN COMMUNICATIONS 1.00-3.00 Credits****COMM-491 WORKSHOP IN COMMUNICATIONS 1.00-3.00 Credits****COMM-492 SPECIAL TOPICS IN COMMUNICATIONS 1.00-3.00 Credits****COMM-494 INTERNSHIP IN COMMUNICATIONS 1.00-12.00 Credits****COMM-495 PRACTICUM IN COMMUNICATIONS 1.00-12.00 Credits****COMM-498 SENIOR RESEARCH PROJECT DESIGN 3.00 Credits**

A required senior course which introduces students to rhetorical, critical, and social science research methodologies. Students prepare and present a research proposal in their area of emphasis for completion in COMM 499, Senior Research Project. This course is writing integrated. Pre-requisite: Senior standing.

**COMM-499 RESEARCH PROJECT AND SEMINAR IN COMMUNICATIONS 3.00 Credits**

Capstone senior course for Communication majors. Synthesizing college coursework, students complete and present a research project in their area of emphasis. The senior communication portfolio is also completed and presented. This course is writing integrated. Pre-requisite: COMM-498.

## Computer Info Technology/BTS (CITPT)

### Courses

**CITPT-101 INTRODUCTION TO WEB DESIGN & DEVELOPMENT 3.00 Credits**

A contemporary and comprehensive introduction to web design/development technologies and subjects.

**CITPT-108 INTRODUCTION TO COMPUTER SCIENCE 4.00 Credits**

This course is an introduction to the basic concepts of Computer Science. You will learn how to program a computer using the Java language, the basic capabilities of a computer system, how to form and validate a hypothesis in computer science, and how computer science relates to other scientific endeavors and society at large. Programming concepts include objects, functions, conditionals, and recursion. This course is suitable both for the non-major and as an entry point into the Computer Science major. Cross-listed with CS-108.

**CITPT-111 WEB DEVELOPMENT BASICS 3.00 Credits**

Provides a foundation in web development and design through a comprehensive study and hands-on application of contemporary Hyper Text Markup Language (HTML) and Cascading Style Sheets (CSS).

**CITPT-112 FUNDAMENTALS OF COMPUTER PROGRAMMING 3.00 Credits**

This course is an introduction to computer programming using contemporary programming logic methods and design practices. The focus of the course is to provide students with a strong foundation in programming principles. Fundamental topics include logic, expressions, operators, I/O, control and conditional structures, data types, containers, functions, programming errors, and events. Students will engage in hands-on programming development using JavaScript and command line interfaces in preparation for dependent courses in this degree program. Prerequisite: CITPT-111 or CITPT-311.

**CITPT-117 WEB DESIGN FUNDAMENTALS 3.00 Credits**

An introduction to design theory in websites and the use of industry development tools. Students will learn and apply standards related to site specifications, layout, navigation, organization, color, typography, and content development. Students will focus on the importance of a user-centered design that meets the expectations of a client or customer.

**CITPT-144 MULTIMEDIA WEB APPLICATIONS 3.00 Credits**

Explores contemporary instances of web application software designed to enhance websites with more dynamic content. This class has a hands-on approach and students will be expected to work through activities step-by-step and then take the basic competencies to create more advanced, original web application content. Cross-listed with CITPT-344.



**CITPT-150 APPLICATIONS IN ELECTRONIC COMMERCE 3.00 Credits**

This course is a thorough study and application of best practices of Electronic Commerce in a real-world setting, including the development and planning of an online store and an advertising campaign that utilizes social media platforms for promotion. Students demonstrate the installation and setup of an online store by developing a website proposal document, creating a business plan, controlling inventory systems, setting up payment information, and presenting their work. Students also create a social media plan for advertising the store by creating a strategy document, a calendar of media and web events, and a business presentation.

**CITPT-175 INTERACTIVE WEB SCRIPTING 3.00 Credits**

Course provides a comprehensive overview of client-side scripting technologies and methods. Pre-requisites: CITPT-111 and CITPT-112.

**CITPT-180 PORTFOLIO DESIGN 3.00 Credits**

This course provides students with an opportunity to prepare themselves for the workplace. Students will prepare a portfolio comprised of completed web design and development projects. Lesson topics include portfolio research, logo creation, site specifications, project timelines, peer review and feedback, and call-to-action interactions. Successful students will finish a portfolio and will be capable of scaling it for future development and projects. Prerequisite: CITPT-111 or CITPT-311.

**CITPT-189 DIRECTED WEB AUTHORING PROJECT 1.00-3.00 Credits**

Requires field experience on a team-based, organizational website project.

**CITPT-190 DIRECTED STUDY IN COMPUTER INFORMATION TECHNOLOGY 1.00-6.00 Credits****CITPT-191 WORKSHOPS IN COMPUTER INFORMATION TECHNOLOGY 1.00-6.00 Credits****CITPT-192 SPECIAL TOPICS IN COMPUTER INFORMATION TECHNOLOGY 1.00-6.00 Credits****CITPT-194 INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY 1.00-12.00 Credits****CITPT-194A INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY I 1.00-6.00 Credits**

Internship in Computer Information Technology.

**CITPT-194B INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY II 1.00-6.00 Credits**

Internship in Computer Information Technology.

**CITPT-194C INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY III 1.00-6.00 Credits**

Internship in Computer Information Technology.

**CITPT-194D INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY IV 1.00-6.00 Credits**

Internship in Computer Information Technology.

**CITPT-206 INTERACTIVE MEDIA PROGRAMMING 3.00 Credits**

This course offers an in-depth approach to creating and debugging applications and techniques of implementation for web and game applications. Topics include classes and objects, inheritance, polymorphism, namespaces, assemblies, exception handling, debugging, data collections, and event-driven programming. Emphasis is on software design and development of real-world applications. Students in the Web Design & Development program are encouraged to take CITPT-112 prior to enrolling in this course.

**CITPT-213 WEB DATABASE TECHNOLOGIES 3.00 Credits**

Expands basic database skills into the web environment and enterprise level applications. This course covers database design theory and advanced database application topics in contemporary, multi-user environments. Pre-requisite: CITPT-112.

**CITPT-217 ADVANCED WEB DESIGN 3.00 Credits**

A comprehensive study of various web design concepts and skills. Students will learn and apply concepts in a project-based manner. Special emphasis will be placed on learning and applying advanced web design techniques on real-world projects. Pre-requisite: CITPT-117 or CITPT-317.

**CITPT-225 WEB FRAMEWORKS 3.00 Credits**

A skill-based study of popular server-side web application frameworks. Students will learn how to build interactive and dynamic web site components. Pre-requisite: CITPT-112.

**CITPT-226 SQL: STRUCTURED QUERY LANGUAGE 3.00 Credits**

Introduces the basic concepts of relational database systems and the role of the Structured Query Language (SQL) in database development. It also covers SQL and its applications to the creation and maintenance of data in a Database Management System (DBMS). Emphasis is placed on using SQL for database querying. Cross-listed with CS-226. Pre-requisite: Completion of MATH-023 or MATH-025 or higher, excluding MTHPT-103P, MATH-153P and MATH-157P, or have satisfactory math placement scores.

**CITPT-227 WEB APPLICATION DEVELOPMENT 3.00 Credits**

A hands-on study of web development for dynamic, data-driven web applications using contemporary technologies and development software. Pre-requisite: CITPT-112.

**CITPT-265 IMAGE EDITING AND ILLUSTRATION 3.00 Credits**

Comprehensive experience in image editing, drawing, painting, and typography.

**CITPT-275 WEB AUTHORING SYSTEMS 3.00 Credits**

A comprehensive study in web content management systems and when/how to use them properly. Topics include CMS installation and maintenance, website management, theme design, and extension development. Pre-requisites: CITPT-111 or CITPT-311.

**CITPT-280 WEB DEVELOPMENT CAPSTONE 3.00 Credits**

The web development capstone course provides web design and development students with the opportunity to integrate knowledge gained across the curriculum. Students will develop personal portfolios, data-driven web or mobile applications, and work in teams to apply knowledge to real-world situations. Students will work to identify client needs, develop a project proposal and specification, and implement the proposed specification. Lecture topics include web hosting setup, website optimization, accessibility, and user experience. Pre-requisite: CITPT-117 or CITPT-317 and CITPT-175 or CITPT-375.

**CITPT-290 DIRECTED STUDY IN COMPUTER INFORMATION TECHNOLOGY 1.00-6.00 Credits****CITPT-291 WORKSHOP IN COMPUTER INFORMATION TECHNOLOGY 1.00-6.00 Credits****CITPT-292 SPECIAL TOPICS IN COMPUTER INFORMATION TECHNOLOGY 1.00-6.00 Credits****CITPT-294 INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY 1.00-12.00 Credits****CITPT-294A INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY I 1.00-6.00 Credits**

Internship in Computer Information Technology.

**CITPT-294B INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY II 1.00-6.00 Credits**

Internship in Computer Information Technology.

**CITPT-294C INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY III 1.00-6.00 Credits**

Internship in Computer Information Technology.

**CITPT-294D INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY IV 1.00-6.00 Credits**

Internship in Computer Information Technology.

**CITPT-311 WEB DEVELOPMENT BASICS 3.00 Credits**

Provides a foundation in web development and design through a comprehensive study and hands-on application of contemporary Hyper Text Markup Language (HTML) and Cascading Style Sheets (CSS).

**CITPT-312 FUNDAMENTALS OF COMPUTER PROGRAMMING 3.00 Credits**

This course is an introduction to computer programming using contemporary programming logic methods and design practices. The focus of the course is to provide students with a strong foundation in programming principles. Fundamental topics include logic, expressions, operators, I/O, control and conditional structures, data types, containers, functions, programming errors, and events. Students will engage in hands-on programming development using JavaScript and command line interfaces in preparation for dependent courses in this degree program. Students in CITPT-312 will have an additional research project required of them. Prerequisite: CITP-111 or CITPT-311.

**CITPT-317 WEB DESIGN FUNDAMENTALS 3.00 Credits**

An introduction to design theory in websites and the use of industry development tools. Students will learn and apply standards related to site specifications, layout, navigation, organization, color, typography, and content development. Students will focus on the importance of a user-centered design that meets the expectations of a client or customer.

**CITPT-344 MULTIMEDIA WEB APPLICATIONS 3.00 Credits**

Explores contemporary instances of web application software designed to enhance websites with more dynamic content. This class has a hands-on approach and students will be expected to work through activities step-by-step and then take the basic competencies to create more advanced original web application content. Cross-listed with CITPT-144.

**CITPT-350 APPLICATIONS IN ELECTRONIC COMMERCE 3.00 Credits**

This course is a thorough study and application of best practices of Electronic Commerce in a real-world setting, including the development and planning of an online store and an advertising campaign that utilizes social media platforms for promotion. Students demonstrate the installation and setup of an online store by developing a website proposal document, creating a business plan, controlling inventory systems, setting up payment information, and presenting their work. Students also create a social media plan for advertising the store by creating a strategy document, a calendar of media and web events, and a business presentation. Students in CITPT-350 must submit an additional research project.

**CITPT-375 INTERACTIVE WEB SCRIPTING 3.00 Credits**

Provides a comprehensive overview of client-side scripting technologies and methods. Pre-requisites: CITPT-111 and CITPT-112.

**CITPT-380 PORTFOLIO DESIGN 3.00 Credits**

This course provides students with an opportunity to prepare themselves for the workplace. Students will prepare a portfolio comprised of completed web design and development projects. Lesson topics include portfolio research, logo creation, site specifications, project timelines, peer review and feedback, and call-to-action interactions. Successful students will finish a portfolio and will be capable of scaling it for future development and projects. Students in CITPT-380 will have an additional research project required of them. Prerequisite: CITPT-111 or CITPT-311.

**CITPT-390 DIRECTED STUDY IN COMPUTER INFORMATION TECHNOLOGY 1.00-6.00 Credits****CITPT-391 WORKSHOP IN COMPUTER INFORMATION TECHNOLOGY 1.00-6.00 Credits****CITPT-392 SPECIAL TOPICS IN COMPUTER INFORMATION TECHNOLOGY 1.00-6.00 Credits****CITPT-394 INTERNSHIP IN WEB DEVELOPMENT 1.00-12.00 Credits****CITPT-394A INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY I 1.00-6.00 Credits**

Internship in Computer Information Technology.

**CITPT-394B INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY II 1.00-6.00 Credits**

Internship in Computer Information Technology.

**CITPT-394C INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY III 1.00-6.00 Credits**

Internship in Computer Information Technology.

**CITPT-394D INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY IV 1.00-6.00 Credits**

Internship in Computer Information Technology.

**CITPT-413 WEB DATABASE TECHNOLOGIES 3.00 Credits**

Expands basic database skills into the web environment and enterprise level applications. This course covers database design theory and advanced database application topics in contemporary, multi-user environments. Pre-requisite: CITPT-112.

**CITPT-417 ADVANCED WEB DESIGN 3.00 Credits**

A comprehensive study of various web design concepts and skills. Students will learn and apply concepts in a project-based manner. Special emphasis will be placed on learning and applying advanced web design techniques on real-world projects. Students enrolled in CITPT-417 will have an additional research project to complete for this course. Prerequisite: CITPT-117 or CITPT-317.

**CITPT-465 IMAGE EDITING AND ILLUSTRATION 3.00 Credits**

Comprehensive experience in image editing, drawing, painting, and typography.

**CITPT-475 WEB AUTHORING SYSTEMS 3.00 Credits**

A comprehensive study in web content management systems and when/how to use them properly. Topics include CMS installation and maintenance, website management, theme design, and extension development. Pre-requisites: CITPT-111 or CITPT-311.

**CITPT-480 WEB DEVELOPMENT CAPSTONE 3.00 Credits**

The web development capstone course provides web design and development students with the opportunity to integrate knowledge gained across the curriculum. Students will develop personal portfolios, data-driven web or mobile applications, and work in teams to apply knowledge to real-world situations. Students will work to identify client needs, develop a project proposal and specification, and implement the proposed specification. Lecture topics include web hosting setup, website optimization, accessibility, and user experience. Pre-requisite: CITPT-117 or CITPT-317 and CITPT-175 or CITPT-375.

**CITPT-490 DIRECTED STUDY IN COMPUTER INFORMATION TECHNOLOGY 1.00-6.00 Credits****CITPT-491 WORKSHOP IN COMPUTER INFORMATION TECHNOLOGY 1.00-6.00 Credits****CITPT-492 SPECIAL TOPICS IN COMPUTER INFORMATION TECHNOLOGY 1.00-6.00 Credits****CITPT-494 INTERNSHIP IN COMPUTER INFORMATION SYSTEMS 1.00-12.00 Credits****CITPT-494A INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY I 1.00-6.00 Credits**

Internship in Computer Information Technology.

**CITPT-494B INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY II 1.00-6.00 Credits**

Internship in Computer Information Technology.

**CITPT-494C INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY III 1.00-6.00 Credits**

Internship in Computer Information Technology.

**CITPT-494D INTERNSHIP IN COMPUTER INFORMATION TECHNOLOGY IV 1.00-6.00 Credits**

Internship in Computer Information Technology.

## Computer Science (CS)

### Courses

**CS-101 COMPUTER SCIENCE SEMINAR 1.00 Credit**

Introduces the computing and information technology profession and the LCSC's curriculum emphasis options. Topics include: fields of study, curriculum and professional options, legal and ethical issues for computing professionals, academic responsibilities and ethical conduct. Emphasis on the computing science fields of study and their uses in today's digital society.

**CS-108 INTRODUCTION TO COMPUTER SCIENCE 4.00 Credits**

This course is an introduction to the basic concepts of Computer Science. You will learn how to program a computer using the Java language, the basic capabilities of a computer system, how to form and validate a hypothesis in computer science, and how computer science relates to other scientific endeavors and society at large. Programming concepts include objects, functions, conditionals, and recursion. This course is suitable both for the non-major and as an entry point into the Computer Science major. Cross-listed with CITPT-108.

**CS-111 FOUNDATIONS OF PROGRAMMING 4.00 Credits**

Introduction to problem solving and the basic building blocks of algorithm design using a modern programming language. Topics include: procedural programming constructs and basic program modularization. Pre-requisite: CS-108 or MATH-170, all with a grade of C or better.

**CS-190 DIRECTED STUDY IN COMPUTER SCIENCE 1.00-12.00 Credits****CS-192 SPECIAL TOPICS IN COMPUTER SCIENCE 1.00-4.00 Credits****CS-211 COMPUTER SCIENCE II 4.00 Credits**

Covers object-oriented (OO) design and implementation techniques. Topics include: the Unified Modeling Language (UML), data types and classes, collaboration, association, aggregation, inheritance, polymorphism, parametric programming, and software libraries. Emphasis on design and implementation of object-oriented software systems through the adequate design and implementation of domain specific data types that collaborate to implement the requested functionality. Pre-requisites: CS-111 with a grade of C or better.

**CS-226 SQL: STRUCTURED QUERY LANGUAGE 3.00 Credits**

Introduces the basic concepts of relational database systems and the role of the Structured Query Language (SQL) in database development. It also covers SQL and its applications to the creation and maintenance of data in a Database Management System (DBMS). Emphasis is placed on using SQL for database querying. Pre-requisite: Completion of MATH-023 or MATH-025 or higher, excluding MTHPT-103P, MATH-153P and MATH-157P, or have satisfactory math placement scores.

**CS-250 COMPUTER ORGANIZATION AND ARCHITECTURE 4.00 Credits**

Introduces the architecture and organization of modern computer systems. Topics include: digital logic, number systems, Von Neumann architecture, processing and instruction sets, memory and memory addressing, parallel systems, and parallel architectures. Emphasis on the connections between the computer's hardware and its software. Pre-requisite: CS 211 with a grade of C- or better.

**CS-253 INTRO TO SYSTEMS PROGRAMMING 4.00 Credits**

Detailed overview of software development on unix-like operating systems with an emphasis on systems programming using C, C++, or an equivalent systems programming language. This includes an introduction to command-line usage and scripting using a common shell. Students will learn about mechanisms available on POSIX-compliant platforms such as signals, pipes, and file descriptors. Pre-requisite: CS-211 with a grade of C or better.

**CS-290 DIRECTED STUDY IN COMPUTER SCIENCE 1.00-6.00 Credits****CS-291 WORKSHOP IN COMPUTER SCIENCE 1.00-6.00 Credits****CS-292 SPECIAL TOPICS IN COMPUTER SCIENCE 1.00-3.00 Credits****CS-294 INTERNSHIP IN COMPUTER SCIENCE 1.00-12.00 Credits****CS-295 PRACTICUM IN COMPUTER SCIENCE 1.00-6.00 Credits****CS-311 ALGORITHMS AND DATA STRUCTURES 4.00 Credits**

Covers the fundamentals of data structures, abstract data types and associated algorithms. Topics include: abstract data types, recursion, trees, graphs, hashing, and searching and sorting. Pre-requisite: CS-211 with a grade of C or better.

**CS-360 SOFTWARE ENGINEERING 3.00 Credits**

Introduces the engineering principles for the design and development of high quality computing systems. Topics include: the software life cycle model, requirements definition, design, verification and validation, software and system modeling and documentation, and project management techniques. Pre-requisite: A grade of 'C' or better in CS-311.

**CS-390 DIRECTED STUDY IN COMPUTER SCIENCE 1.00-6.00 Credits****CS-391 WORKSHOP IN COMPUTER SCIENCE 1.00-6.00 Credits****CS-392 SPECIAL TOPICS IN COMPUTER SCIENCE 1.00-4.00 Credits****CS-394 INTERNSHIP IN COMPUTER SCIENCE 1.00-12.00 Credits****CS-395 PRACTICUM IN COMPUTER SCIENCE 1.00-6.00 Credits****CS-399 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****CS-401 FUTURE PROFESSIONALS SEMINAR 1.00 Credit**

Students develop either a job application packet or a graduate school application packet. This includes the development and presentation of a portfolio and resume or curriculum vita. Pre-requisite: A grade of 'C' or better in MATH-147 (or equivalent placement score) and CS-312 which can be taken as a co-requisite.

**CS-405 OBJECT-ORIENTED DESIGN FOR SECONDARY EDUCATION 4.00 Credits**

Covers object-oriented (OO) design and implementation techniques. Topics include: the Unified Modeling Language (UML), data types and classes, collaboration, association, aggregation, inheritance, polymorphism, parametric programming, and software libraries. Emphasis on design and implementation of object-oriented software systems through the adequate design and implementation of domain specific data types that collaborate to implement the requested functionality. Additional information focuses on adapting content to high school courses. Registration will be restricted to students admitted to the Secondary Education Program and/or students who are Secondary Education Certified. Pre-requisite: CS-411 with a grade of C or better.

**CS-408 INTRODUCTION TO COMPUTER SCIENCE FOR SECONDARY EDUCATION 4.00 Credits**

This course is an introduction to the basic concepts of Computer Science. You will learn how to program a computer using an object-oriented language, the basic capabilities of a computer system, how to form and validate a hypothesis in computer science, and how computer science relates to other scientific endeavors and society at large. Programming concepts include objects, functions, conditionals, and recursion. Additional information focuses on adapting content to high school courses. Registration will be restricted to students admitted to the Secondary Education Program and/or students who are Secondary Education Certified.

**CS-410 AUTOMATA:THEORY OF COMPUTATION 4.00 Credits**

Provides an introduction to the theoretical foundations of computing. Topics include: automata and languages (finite automata, regular languages, and context-free languages), computability theory (the Church-Turing thesis and decidability), and complexity theory (time and space complexity). Emphasis on the use of rigorous mathematical approaches to problem definition and description of solutions. Pre-requisite: A grade of 'C' or better in MATH-147 (or equivalent placement score) AND CS-312 which can be taken as a co-requisite.

**CS-411 FOUNDATIONS OF PROGRAMMING FOR SECONDARY EDUCATION 4.00 Credits**

An introduction to computer programming using a modern programming language. The course focuses on problem solving techniques and the basic concepts of procedural programming, by using the Python programming language. Additional information focuses on adapting content to high school courses. Registration will be restricted to students admitted to the Secondary Education Program and/or students who are Secondary Education Certified. Pre-requisite: CS-408 with a grade of C or better.

**CS-413 ALGORITHMS & DATA STRUCTURES FOR SECONDARY EDUCATION 4.00 Credits**

Covers the fundamentals of data structures, abstract data types and associated algorithms. Topics include: abstract data types, recursion, trees, graphs, hashing, and searching and sorting. Additional information focuses on adapting content to high school courses. Registration will be restricted to students admitted to the Secondary Education Program and/or students who are Secondary Education Certified. Pre-requisite: CS-405 with a grade of C or better.

**CS-420 ANALYSIS OF ALGORITHMS 4.00 Credits**

Covers fundamental formal techniques and algorithmic strategies that support advanced algorithm design. Topics include: asymptotic complexity bounds, time analysis of iterative and recursive algorithms, advanced data structures such as balanced and red-black trees and hashing, and advanced algorithmic strategies such as dynamic programming. Emphasis on the underlying mathematical theory, practical considerations of efficiency, and algorithm design trade-offs. Pre-requisites: A grade of 'C' or better in MATH-147 or equivalent placement score AND CS-312 which can be taken as a co-requisite.

**CS-430 OPERATING SYSTEMS 3.00 Credits**

Covers operating system's fundamental concepts and structure. Topics include: operating systems architecture, processes and threads, mutual exclusion and synchronization, deadlock and starvation, memory management and virtual memory, and processor scheduling. Emphasis on operating system design issues, techniques, and trade-offs; includes a hands-on introduction to multithreaded and multicore programming issues and approaches. Pre-requisites: A grade of 'C' or better in CS-253.

**CS-435 COMPUTER NETWORKS 3.00 Credits**

Covers current computer network architectures, protocols, and applications. Topics include: digital networks and the Internet, network architecture, network layers, services and communication protocols, the application layer, the transport layer, the network layer, the data link layer, wireless and mobile networks, and ethical issues with digital networks. Emphasis on Internet and current communication protocols, and the engineering trade-offs of network design and implementation. Includes hands-on sockets programming coursework. Pre-requisites: A grade of 'C' or better in CS-311.

**CS-440 INTELLIGENT SYSTEMS:AI AND INFORMATION 4.00 Credits**

Introduces students to the fundamental concepts and techniques of artificial intelligence (AI) and information management. Pre-requisite: A grade of 'C' or better in MATH-147 (or equivalent placement score) and CS-312 which can be taken as a co-requisite.

**CS-445 DATABASES AND KNOWLEDGE MANAGEMENT 3.00 Credits**

Covers the fundamental concepts required for the design and implementation of database applications and their underlying Database management Systems (DBMS). Topics include: principles and architectures, the relational data model, normalization, conceptual data modeling, design and implementation of database-based applications, and DBMS design issues and approaches. Pre-requisites: A grade of 'C' or better in CS-226 and CS-311.

**CS-450 USABILITY:HUMAN-CENTERED DES/EVALUATION 4.00 Credits**

An introduction to key methods in user-interface design and emphasis on usability design and evaluation. Topics include the user interface analysis, usability enhancement methods, and usability testing. Pre-requisite: A grade of 'C' or better in MATH-147 (or equivalent placement score) AND CS-312 which can be taken as a co-requisite.

**CS-475 COMPUTER SYSTEMS SECURITY 3.00 Credits**

Covers the fundamental concepts and practical applications of computing systems security with a holistic view and applied approach. Topics include: security concepts and services, physical, operational, and organizational security, the role of people in systems security, introduction to cryptography and public key infrastructure, computing systems hardening, secure code, and secure applications development. Emphasis on developing, deploying, and maintaining a secure computing infrastructure with a hands-on approach. Pre-requisite: CS-311.

**CS-480 CAPSTONE DESIGN PROJECT 4.00 Credits**

The application of engineering principles needed for the development and maintenance of high quality medium to large software systems, delivered on time and within budget. Emphasis on the development of a semester long project and final presentation. Pre-requisite: CS-445.



**CS-490 DIRECTED STUDY IN COMPUTER SCIENCE 1.00-6.00 Credits****CS-491 WORKSHOP IN COMPUTER SCIENCE 1.00-6.00 Credits****CS-492 SPECIAL TOPICS IN COMPUTER SCIENCE 1.00-4.00 Credits****CS-494 INTERNSHIP IN COMPUTER SCIENCE 1.00-12.00 Credits****CS-495 PRACTICUM IN COMPUTER SCIENCE 1.00-6.00 Credits****CS-499 RESEARCH PROJECT AND SEMINAR IN COMPUTER SCIENCE 1.00-12.00 Credits**

Students will perform a research project in Computer Science. Includes a satisfactory final oral presentation of findings and results as well as an advisor approved final written report. Proposal and interim oral and written reports may also be required.

## Culinary Arts (CULPT)

**CULPT-101 CULINARY SKILLS I 3.00 Credits**

Introduction to the culinary world, through the classroom and a kitchen lab setting, students will learn basic knife skills, kitchen operations, product identification, recipe structure, and introduction to mother sauces. This Introduction to Culinary Arts course is designed to give students the fundamental food preparation terms, concepts, and methods in Culinary Arts where laboratory practice will parallel class work. Industry techniques, skills, and terminology are covered and mastered with an emphasis on basic kitchen and dining room safety, sanitation, equipment maintenance and operation procedures. The course also provides an overview of the professionalism in the culinary industry and career opportunities leading into a career pathway to Culinary Arts.

**CULPT-194 IN:MANAGEMENT I 6.00 Credits**

Standards to receive credits for this "internship" course are for students to have a viable connection to the culinary industry through working in/for a controlled environment managed by the culinary professor(s) on the LC State campus or through partnership with industry. The culinary intern is an integral member of the campus or industry team and hands-on experience can include, but is not limited to menu development, recipe formulation, facilities management, and day-to-day operations of an active kitchen. The intern's time can be split between hands-on kitchen work, procurement, and culinary-related administrative tasks, assisting the kitchen team by prepping ingredients, maintaining the kitchen space, equipment and supplies. They also contribute to the creation of kitchen/ restaurant operations materials and culinary development and conduct research on ingredients, packaging, vendors, and concepts. A minimum of 64 internship hours is required to pass this course.

**CULPT-201 CULINARY SKILLS II 3.00 Credits**

Students will perfect knife skills, kitchen inventory systems, menu layout and design, costing, and kitchen management through the classroom and a kitchen lab setting. In this pre-professional Culinary Arts course, students revisit the fundamental food preparation terms, concepts, and methods explored in Culinary Skills I. Creativity and imagination, combined with learned technical skills will prepare students for real-world application. Students will also explore professional and student organizations associated with the industry. Pre-requisites: CULPT-101.

**CULPT-215 PATISSERIE ESSENTIALS 3.00 Credits**

An introduction and then execution of basic bread, pastry, and classic desserts. Garnish design and plating, along with introduction to decorating and cake design. This class will include lessons on terminology and skills that are associated with recipes and formulas of baking. Students will focus on understanding and interpreting, knowing how to correctly measure different food items, troubleshoot problems and mistakes, analyze for efficiency, yield and portion sizes.

**CULPT-225 LIFESTYLE CUISINE AND NUTRITION 3.00 Credits**

Culinary food trends brought to life through dietary and lifestyle choices such as gluten-free, paleo, vegan, primal, and vegetarian. This class discusses and teaches the basic principles of nutrition, wellness and the preparation of such foods. The knowledge gained from this course will enhance students' awareness regarding personal food choices and health related choices.

**CULPT-240 CATERING ESSENTIALS AND DESIGN 3.00 Credits**

This class focusses on catering fundamentals, menu design, costing, recipe development, staffing, contracts, and equipment needs. In this unit, students will identify and demonstrate the principles and processes of cooking in a professional kitchen in regards to catering and large events. Students will examine the various cooking methods, techniques and preparations. Students will identify, differentiate between, and describe various food service styles such as Quick Service, Casual, Family Dining, Institutional (contract food services), and Fine Dining related to catering. Students will understand and demonstrate a variety serving techniques, set up and service for a variety of serving methods.

**CULPT-250 INTERNATIONAL CUISINE 3.00 Credits**

This class is an introduction and execution of cuisines from around the world. Includes African, Greek, Italian, and Chinese/Japanese, French, German, Hungarian menus and more with focus on ingredients, spices, flavor profiles, technique, and plating. A showcase of the course learnings will be presented for faculty to enjoy as the final project in this class. Students in the International Cuisine class will be introduced to the world of cooking. This course emphasizes the cooking methods, eating habits, and cultural characteristics of people in diverse cultures and geographical areas.

**CULPT-260 GARDE MANGER AND SAUCIER 3.00 Credits**

This class teaches the concepts and structure in preparing cold hors d'oeuvres, sandwiches, salads, dressings while focusing on the total utilization of product. Mastering of Mother Sauces, aioli's, dressings, and house made seasonings and spice combinations. Experienced in choosing, preparing, and presenting cold foods, such as salads, cold soups, meats and cheeses. Knife skills - cutting, chopping, carving, dicing. Ability to fill in at other stations when chefs are absent. Charcuterie is an expanding food trend that is often a component of the pantry chef's overall responsibility. The discipline is explored casually in some restaurants, but other chefs have made entire careers of producing superlative homemade sausages.

**CULPT-294 IN: MANAGEMENT II 6.00 Credits**

Standards to receive credits for this externship course are for students to have a viable connection to the culinary industry through the following: A job in the culinary industry, a philanthropic endeavor in the culinary industry that produces, and an agreed upon connection to industry by instructor and student. A culinary externship is a valuable work experience that provides culinary students with opportunities to sharpen their skills, expand their knowledge base and make valuable industry contacts. The main purpose is to help students transition into a successful career. Externships provide students with supervised support and feedback, which will help them hone their skills and perfect their culinary techniques. A minimum of 160 externship hours is required to pass this course.

**CULPT-295 BUTCHERY/CHARCUTERIE 3.00 Credits**

This course develops skills in butchering of meat and poultry products. Students will learn to turn lesser-used cuts into artisan charcuteries, sausages and cured meats, and to break down primal cuts of beef, lamb, veal, pork, wild game, poultry and seafood using technical preparation techniques, turning pieces into restaurant cuts. Students will learn the fundamentals of processing, salting, fermenting, and curing pork. Emphasis will be placed on tying microbiological knowledge to hands-on skills in the broader context of food safety and state and federal regulations. After covering a brief history of the craft, students will learn to process meat with respect and confidence and wasting as little as possible. This class involves learning to break down large portions of meat to smaller sizes in the form of steak, ground meat, sausage or additional chopped or cut meat. Students use tools such as grinders, cleavers, knives and slicing machines.

## Cyber (CYB)

**CYB-251 NETWORKING I 4.00 Credits**

This course lays a foundation for network fundamentals. In this course students will learn how to design and implement functional networks, configure, manage, and maintain essential network devices, and many more. Students gain hands-on experience to pass the CompTIA Network+ exam. The lab provides a hands-on learning experience in a safe, online environment. This course includes topics such as network policies; network components; Ethernet technology; routing IP packets; IPv4 and IPv6 addresses. Pre-requisite: CS-211.

**CYB-252 NETWORKING II 4.00 Credits**

This course introduces intermediate computer networking standards, best practices, theory, and practical application. In this course students will start to gain the skills required to pass the Cisco CCNA certification exam including TCP/IP network models, ethernet LANs, WANs and IP routing, command-line interfaces, switching management, and spanning tree protocol concepts. Pre-requisite: CYB-251.

**CYB-253 NETWORKING III 4.00 Credits**

This course comprehensively covers Ethernet LANs, command-line interface, LAN switching, networking protocols, subnets, and many more. This gives student's the knowledge and skills required to install, configure, and operate a small to medium-sized network. This course provides foundational knowledge in the essentials of networking, security, and automation. In this course students will gain the skills required to pass the Cisco CCNA certification exam. The lab is versatile and delivers hands-on experience, replacing expensive physical labs. Pre-requisite: CYB-252.

**CYB-254 NETWORKING IV 4.00 Credits**

In this course students are introduced to advanced computer networking concepts, theories, practices, and procedures. Students learn about the concepts of computer network defense and countermeasures. This course completely covers the techniques and methodologies related to network defense including knowledge and practical applications of firewalls and intrusion detection systems. The labs simulate real-world, hardware, software, and command-line interface environments. Pre-requisite: CYB-253.

**CYB-271 CYBERSECURITY I 4.00 Credits**

This cybersecurity course and lab cover the cybersecurity basics of infrastructure security, network security, security devices, local network security, and access control monitoring systems. In this course students learn the concepts and methodologies being used in the field of cybersecurity. The labs simulate real-world, hardware, software, and command line interface environments. Pre-requisite: CS-211.

**CYB-272 CYBERSECURITY II 4.00 Credits**

This course examines the tools and techniques used for traffic and intrusion analysis employed in today's cyber environment. This includes processes and procedures used by hackers, along with corresponding countermeasures that may be employed to protect against such attacks. Students will learn the skills necessary to take the CompTIA Security+ exam. Pre-requisite: CYB-271.

**CYB-273 CYBERSECURITY III 4.00 Credits**

In this course students gain hands-on expertise with Linux cybersecurity principles. The lab is cloud-based device-enabled. Students are provided the knowledge and skills in managing local storage, group, and user accounts; working on the command line, editing files, and developing a storage security policy. Pre-requisite: CYB-272.

**CYB-274 CYBERSECURITY IV 4.00 Credits**

In this course students will learn and be able to apply the appropriate incident response procedures, analyze potential indicators of compromise, and utilize basic digital forensics techniques. This course provides students with the ability required to capture, monitor, and respond to network traffic findings along with software and application security; automation, threat hunting, and IT regulatory compliance. This course will allow students to gain the skills required to pass the CompTIA Cybersecurity Analyst (CySA+) course and lab. Pre-requisite: CYB-273.

**CYB-300 CYBER ETHICS 3.00 Credits**

The goal of this course is to provide students with the conceptual tools to understand the technological, geopolitical, and legal environment affecting software, technology and information processing. Specific issues to be covered will include the internet and ethical values, regulation and governance of networked technologies, free speech and censorship in cyber space, intellectual property in cyberspace, privacy rights, and securing the digital infrastructure.

**CYB-360 CYBERSECURITY MANAGEMENT 3.00 Credits**

Covers the fundamental concepts required for cybersecurity management. Topics include: fundamental security management, organizational cybersecurity threat landscapes, qualitative and quantitative risk analysis, vulnerability assessment, return on security investment, legal and regulatory compliance, and security best practices. This course will focus heavily on case studies and court cases involving cybersecurity breaches. Pre-requisite: CYB-271.

# Diesel Technology (DSLTC)

## Courses

**DSLTC-101 INTRODUCTION TO DIESEL TECHNOLOGY 2.00 Credits**

Introduction of basic skills needed to perform many repair tasks in a diesel-related repair environment. The student will complete tasks, in a competency-based program, that entry-level technicians will perform in the workplace.

**DSLTC-102 ELECTRICAL SYSTEMS 6.00 Credits**

The student will be introduced to basic electrical theory and practice as it applies to the heavy equipment and transport technology industries. The student will complete tasks in a competency based program that emulate the skills performed in the workplace. Topics include basic electricity fundamentals, starting and charging systems, batteries, trouble shooting, and lighting systems.

**DSLTC-102A INTRODUCTION TO ELECTRICAL SYSTEMS 1.00 Credit**

The student will be introduced to basic electrical theory and practice as it applies to the heavy equipment and transport technology industries. The student will complete tasks in a competency based program that emulate the skills performed in the workplace. Topics include basic electricity theory and basic electrical system formulas.

**DSLTC-102B ELECTRICAL SYSTEMS I 3.00 Credits**

The student will be introduced to basic electrical theory and practice as it applies to the heavy equipment and transport technology industries. The student will complete tasks in a competency based program that emulate the skills performed in the workplace. Topics include basic electricity fundamentals, starting and charging systems, batteries, trouble shooting, and lighting systems. Pre-requisite: DSLTC-102A.

**DSLTC-102C ELECTRICAL SYSTEMS II 2.00 Credits**

Troubleshooting and repair procedures for heavy-duty electrical systems, including electrical principles as they relate to the components used in trucks and heavy equipment, writing schematics, and lighting along with the associated testing and repair procedures for each system. Topics include basic electricity fundamentals, starting, and charging systems, batteries, troubleshooting, and lighting systems. Pre-requisite: DSLTC-102B.

**DSLTC-103 POWER TRAINS LECTURE AND LAB 6.00 Credits**

Study of various types of manual transmissions and transaxles, drivelines, clutches, flywheels, rear axles, and differentials found in modern automobiles and light trucks. Operation and repair of various components of power trains and their interrelationships provided.

**DSLTC-105 DIESEL ENGINES 6.00 Credits**

Teaches the basics on how to identify, repair, and/or replace diesel engines. The student will learn two-stroke and four-stroke combustion engine theory as well as engine performance criteria. The student will learn proper disassembly, measuring, and reassembly procedures and will gain understanding in the operation and basic principles of the various engine components and their respective systems on a diesel engine.

**DSLTC-126 SAFETY 2.00 Credits**

General principles are needed to foster a safe attitude and work environment. Topics covered include hazardous materials, safe use of equipment and tools, an introduction to the occupation, and health and safety concerns in the work place. Students are required to take first aid and CPR training.

**DSLTC-190 DIRECTED STUDY IN DIESEL TECHNOLOGY 1.00-12.00 Credits****DSLTC-200 SHOP SKILLS AND CLIMATE CONTROL 6.00 Credits**

Basic shop skills including basic climate controls, welding and fabrication practices as applied to the heavy equipment and transport technology industries. The student will complete tasks in a competency based program that emulates the skills performed in the workplace. Topics include basic air conditioning fundamentals, stick, MIG and acetylene welding techniques along with acetylene/plasma torch cutting techniques. Students will acquire a Class B CDL through class study as well as a driving competency-based evaluation.

**DSLTC-210 HYDRAULICS 6.00 Credits**

Introduction to basic hydraulic principles and theory. The student will complete a task list in a competency-based program that emulates the skills performed in the workplace. Topics include hydraulic system maintenance, fluid analysis, system familiarization, and troubleshooting procedures will be outlined as it applies to modern diesel equipment.



**DSLTC-220 DIESEL ENGINE FUEL SYSTEMS AND TUNE-UP 6.00 Credits**

Introduction to diesel engine fuel system theory and practice as it applies to modern diesel equipment repair. The student will apply the principles introduced in the classroom in the format of laboratory sessions. The student will complete tasks in a competency-based program that emulates the skills performed in the workplace. Topics include diesel engine maintenance, direct and indirect fuel injection systems, testing, adjusting and troubleshooting diesel engine fuel systems.

**DSLTC-230 POWER TRAINS 6.00 Credits**

Provides instruction and practice on the interrelationship and the operation of various heavy-duty power train systems of agricultural, industrial, and on-highway vehicles. Topics include transmissions, clutches, differentials, final drives, drive lines, testing, adjusting and troubleshooting of power train systems.

**DSLTC-240 CHASSIS, SUSPENSION AND AIRBRAKES 6.00 Credits**

Introduces basic theory and practice of chassis, suspension, and airbrake systems of all types of diesel equipment, on-highway trucks, and agriculture equipment. Laboratory sessions will reinforce and apply the knowledge learned in the classroom.

**DSLTC-290 DIRECTED STUDY IN DIESEL TECHNOLOGY 1.00-6.00 Credits****DSLTC-292 DIRECTED SPECIAL PROJECTS 1.00-6.00 Credits****DSLTC-294 INTERNSHIP IN DIESEL TECHNOLOGY 1.00-6.00 Credits**

Advanced on-the-job training in diesel technology.

**DSLTC-390 DIRECTED STUDY IN DIESEL TECHNOLOGY 1.00-12.00 Credits**

Advanced on-the-job training in diesel technology.

**DSLTC-394 INTERNSHIP IN DIESEL TECHNOLOGY 1.00-6.00 Credits**

Advanced on-the-job training in diesel technology.

**DSLTC-490 DIRECTED STUDY IN DIESEL TECHNOLOGY 1.00-12.00 Credits**

Advanced on-the-job training in diesel technology.

**DSLTC-494 Internship in Diesel Technology 12.00 Credits**

Advanced on-the-job training in diesel technology.

## Early Childhood Development/BTS (ECDPT)

### Courses

**ECDPT-100 HEALTH, SAFETY AND NUTRITION 3.00 Credits**

This course will provide students with a comprehensive understanding of the nutrition, health and safety needs of young children from birth into school age. This course is intended to provide students with a strong understanding of wellness concepts, equipping them to implement healthful practices and teach young children ways to contribute to their own wellness.

**ECDPT-101 THE EXCEPTIONAL CHILD I 1.00 Credit**

Provides awareness of children with special needs and how to meet those needs.

**ECDPT-102 LEARNING ENVIRONMENT 2.00 Credits**

Involves organizing indoor and outdoor areas that encourage play and exploration, selecting and arranging materials and equipment that foster growth and learning, and planning and implementing a schedule.

**ECDPT-103 PHYSICAL DEVELOPMENT 2.00 Credits**

Provides a variety of equipment, activities, and opportunities to promote the physical development of children.

**ECDPT-104 INTRODUCTION TO EARLY CHILDHOOD EDUCATION 3.00 Credits**

This course is an introduction to Early Childhood Education and includes an overview of key areas of professional knowledge in the field of early childhood education: developmentally appropriate practices, the role of the teacher, professionalism, observation and assessment, curriculum development, diversity and inclusive practices, partnerships with families, and child growth and development.

**ECDPT-105 FAMILIES 2.00 Credits**

Provides knowledge and skills to exchange important information between home and childcare centers.

**ECDPT-106 CURRICULUM DEVELOPMENT AND PROGRAM MANAGEMENT 2.00 Credits**

Provides the early childhood educator or caregiver with skills to analyze how they structure their goals, policies, and procedures as well as maintain positive communication throughout the entire program.

**ECDPT-107 PROFESSIONALISM IN CHILDCARE 3.00 Credits**

Provides for the heightened awareness of the many areas of professionalism, including growth, conduct, communications, and ethics.

**ECDPT-108 CHILD DEVELOPMENT 3.00 Credits**

This course will provide students with an overview of child development theories and the principles of development for children ages pre-birth through adolescence. The interrelated nature of each of the areas of development for young children (physical, perceptual, cognitive, social and emotional, and language) will be covered, as well as, the role of adults in supporting and facilitating children's healthy growth and development in each of these domains.

**ECDPT-109 THE EXCEPTIONAL CHILD II 1.00 Credit**

Provides awareness of children with special needs and how to meet those needs.

**ECDPT-112 INFANT TODDLER DEVELOPMENT 2.00 Credits**

This course examines the unique developmental needs of infants and toddlers. Students will study the role of the caregiver, relationships with families, developmentally appropriate practices, nurturing environments for infants and toddlers, and culturally relevant care.

**ECDPT-150 OBSERVATION AND ASSESSMENT 3.00 Credits**

Students gain skills in using various methods of recording observations and reviewing child development leading toward developmentally appropriate and intentional teaching practices. Students collect and use information at their field placement site in order to strengthen their skills in developing curriculum and methods for teaching young children. Students must obtain a minimum grade of 2.0 in this course in order to pass. Pre-requisite: ECDPT-104.

**ECDPT-155 CHILD FAMILIES AND COMMUNITIES 2.00 Credits**

Course focuses on the impact of family, school and community on the diverse needs of children. Interactions and relationships will be examined between diverse cultures, lifestyles, abilities, language and communication with the role of the early childhood environment and other community institutions. Students will gain understanding of their professional role in supporting practices that strengthen respectful, collaborative family/child partnerships through effective use of community and family resources.

**ECDPT-190 DIRECTED STUDY IN EARLY CHILDHOOD DEVELOPMENT 1.00-6.00 Credits****ECDPT-191 WORKSHOPS IN EARLY CHILDHOOD DEVELOPMENT 1.00-6.00 Credits****ECDPT-192 SPECIAL TOPICS IN EARLY CHILDHOOD DEVELOPMENT 1.00-6.00 Credits****ECDPT-194 INTERNSHIP IN EARLY CHILDHOOD DEVELOPMENT 1.00-12.00 Credits****ECDPT-194A INTERNSHIP IN EARLY CHILDHOOD DEVELOPMENT I 1.00-6.00 Credits**

Internship in Early Childhood Development.

**ECDPT-194B INTERNSHIP IN EARLY CHILDHOOD DEVELOPMENT II 1.00-6.00 Credits**

Continuation of ECDPT 194A as a 100-level internship in Early Childhood Development.

**ECDPT-194C INTERNSHIP IN EARLY CHILDHOOD DEVELOPMENT III 1.00-6.00 Credits**

Continuation of ECDPT 194B as an intermediate 100-level internship in Early Childhood Development.

**ECDPT-194D INTERNSHIP IN EARLY CHILDHOOD DEVELOPMENT IV 1.00-6.00 Credits**

Continuation of ECDPT 194C as an intermediate to advanced 100-level internship in Early Childhood Development.

**ECDPT-200 COGNITIVE DEVELOPMENT 2.00 Credits**

This course will introduce students to the methods of providing young children learning experiences in the areas of math and science. Emphasis is on the planning, implementation, and evaluation of developmentally appropriate math and science curriculum and activities. Utilizing the Idaho Early Learning Standards eGuidelines, students will develop math and science learning objectives and activities that are developmentally appropriate for preschool children. In addition, students will apply Bloom's Taxonomy as they learn about how to ask high-level questions which further support young children's thinking and cognitive development.

**ECDPT-201 COMMUNICATION 2.00 Credits**

Provides the student with the skills to enhance communication in young children.

**ECDPT-203 SELF-CONCEPT DEVELOPMENT 2.00 Credits**

Provides the skills to understand development as it relates to self-esteem and provides an environment which develops and supports self-image.

**ECDPT-204 SOCIAL SKILLS DEVELOPMENT 2.00 Credits**

Provides the skills to understand developmental levels of social growth and strategies to support/enhance social interaction.

**ECDPT-205 GUIDING YOUNG CHILDREN 2.00 Credits**

This course provides students with skills and knowledge in knowing how to appropriately guide young children based on current theory and research. Emphasis on developing human potential by focusing on individual development and temperament, as well as family and cultural contexts when planning environments and activities for young children. Students will learn effective child guidance techniques, how to promote effective interactions, provide positive individual guidance, and enhance group experiences.

**ECDPT-206 CREATIVE DEVELOPMENT 2.00 Credits**

Provides the student with the tools necessary to examine their own creativity and strategies to enhance creativity in children.

**ECDPT-208 CURRICULUM DEVELOPMENT 3.00 Credits**

This course focuses on a comprehensive approach to conceptualizing, planning, implementing and evaluating curriculum for children ages 3 to 8 years old. Developmental domains, the research basis for a developmentally appropriate curricular approach and practical applications of teaching strategies within these domains are studied in order to explore the relationships between developmental theory, philosophy, practice, and development of curriculum based upon the needs and interests of children who are culturally, linguistically and ability diverse. Students must obtain a minimum final grade of 2.0 in order to pass. Pre-requisite: ECDPT-150 with a grade of 'C' or better or permission from the instructor.

**ECDPT-209 PROFESSIONALISM 3.00 Credits**

Students gain knowledge in professional preparation for career development by learning how to create a professional portfolio for early childhood career development applications, develop a deeper knowledge and understanding of the NAEYC Code of Ethical Conduct for working with children, families, other professionals, and the community. Students will explore career options in the field of Early Childhood. Students will also learn more about professionalism, what it means, implications for early childhood education, and explore advocacy opportunities. Students will present their completed Professional Portfolio at the end of the semester and before graduation from the program. Students must pass this course with a 2.0.

**ECDPT-210 LANGUAGE AND LITERACY 3.00 Credits**

Course explores the connection between language acquisition and emergent literacy skills and how this supports later literacy skills. Students will learn effective assessment and instructional approaches for fostering language learning and emergent literacy skills in typically developing children as well as those at risk for language delays.

**ECDPT-211 EXCEPTIONAL CHILD 3.00 Credits**

This course is intended to provide the Early Childhood Development educator or caregiver with an overview and introduction for working with children with delays or disabilities and their families in a variety of settings. This course will cover information about services to infants, toddlers, preschoolers, and early primary children. Students will gain insight into the early intervention/early childhood special education field. Topics addressed include assessment, planning, curriculum, and service delivery. Information will also focus on designing, adapting, and organizing the learning environment and implementing instructional programs for young children with delays or disabilities. Students must have a completed and accepted Early Childhood Program application in order to register for this course. Pre-requisites: ECDPT-104 and ECDPT-150, or permission from the instructor.

**ECDPT-250 PROGRAM ADMINISTRATION 3.00 Credits**

This course focuses on effective and intentional management of early childhood development programs. Through the use of the National Association for the Education of Young Children's Early Childhood Program Administrator Competencies for NAEYC accreditation standards, students will learn personal and professional self awareness, legal and fiscal management of ECE programs, staff management and human relations, educational programming, program operations and facilities management, family support, marketing and public relations, leadership and advocacy, and oral and written communication. Pre-requisite: ECDPT-104, ECDPT-150, and a completed and approved Early Childhood Program Application packet, or by permission.

**ECDPT-255 CURRICULUM DEVELOPMENT II 3.00 Credits**

Curriculum Development II is a continuation of Curriculum Development I where students continue to strengthen their skills and knowledge related to the intentional teaching cycle for preschool age children, increase their understanding of the importance of emergent curriculum, and use project-based learning that is both individualized and developmentally appropriate. Students will learn how to observe and assess children's skills in all domains of development using early learning state standards, take into account children's specific skills, needs, and interests, and plan the learning environment and curriculum activities accordingly. This course must be passed with a grade of C- or higher to be applied towards an Early Childhood Education degree. Pre-requisite: ECDPT-208 with a minimum grade of C-.

**ECDPT-270 CARING FOR SCHOOL-AGE CHILDREN 3.00 Credits**

This course is designed to support students' knowledge of developmentally appropriate practices in group care settings for school-age children. Students will discover the characteristics and influence that those involved in school-age care have on the growth and development of children ages five to thirteen. Students will also examine developmental stages and how children grow and develop during this age in the learning domains of: physical, cognitive, and social/emotional learning. Program planning, environmental design, curriculum development, community resources and regulations are additional topics addressed in this course.

**ECDPT-275 TRAUMA INFORMED CARE IN THE EARLY CHILDHOOD CLASSROOM 3.00 Credits**

This course serves to increase students' ability to recognize, understand, and respond to the effects of trauma, and increase their understanding of the impact of trauma on the developing child. Students will learn how to create a framework of wellness through supportive relationships and positive environments that help to produce improved outcomes for children. Additionally, students will increase their understanding of the importance of how to create safe and trusting relationships in order for children to develop social intelligence and bond with others.

**ECDPT-290 DIRECTED STUDY IN EARLY CHILDHOOD DEVELOPMENT 1.00-6.00 Credits****ECDPT-291 WORKSHOP IN EARLY CHILDHOOD DEVELOPMENT 1.00-6.00 Credits****ECDPT-292 SPECIAL TOPICS IN EARLY CHILDHOOD DEVELOPMENT 1.00-6.00 Credits****ECDPT-294 INTERNSHIP IN EARLY CHILDHOOD DEVELOPMENT 1.00-12.00 Credits****ECDPT-294A INTERNSHIP IN EARLY CHILDHOOD DEVELOPMENT I 1.00-6.00 Credits**

Internship in Early Childhood Development.

**ECDPT-294B INTERNSHIP IN EARLY CHILDHOOD DEVELOPMENT II 1.00-6.00 Credits**

Continuation of ECDPT 294A as a 200-level internship in Early Childhood Development.

**ECDPT-294C INTERNSHIP IN EARLY CHILDHOOD DEVELOPMENT III 1.00-6.00 Credits**

Continuation of ECDPT 294B as an intermediate 200-level internship in Early Childhood Development.

**ECDPT-294D INTERNSHIP IN EARLY CHILDHOOD DEVELOPMENT IV 1.00-6.00 Credits**

Continuation of ECDPT 294C as an intermediate to advanced 200-level internship in Early Childhood Development.

**ECDPT-390 DIRECTED STUDY IN EARLY CHILDHOOD DEVELOPMENT 1.00-6.00 Credits**

**ECDPT-392 SPECIAL TOPICS IN EARLY CHILDHOOD DEVELOPMENT 1.00-6.00 Credits**

**ECDPT-394 INTERNSHIP IN EARLY CHILDHOOD DEVELOPMENT 1.00-12.00 Credits**

**ECDPT-394A INTERNSHIP IN EARLY CHILDHOOD DEVELOPMENT I 1.00-6.00 Credits**

Internship in Early Childhood Development.

**ECDPT-394B INTERNSHIP IN EARLY CHILDHOOD DEVELOPMENT II 1.00-6.00 Credits**

Continuation of ECDPT 394A as a 300-level internship in Early Childhood Development.

**ECDPT-394C INTERNSHIP IN EARLY CHILDHOOD DEVELOPMENT III 1.00-6.00 Credits**

Continuation of ECDPT 394B as an intermediate 300-level internship in Early Childhood Development.

**ECDPT-394D INTERNSHIP IN EARLY CHILDHOOD DEVELOPMENT IV 1.00-6.00 Credits**

Continuation of ECDPT 394C as an intermediate to advanced 300-level internship in Early Childhood Development.

**ECDPT-490 DIRECTED STUDY IN EARLY CHILDHOOD DEVELOPMENT 1.00-6.00 Credits**

**ECDPT-491 WORKSHOP IN EARLY CHILDHOOD DEVELOPMENT 1.00-6.00 Credits**

**ECDPT-492 SPECIAL TOPICS IN EARLY CHILDHOOD DEVELOPMENT 1.00-6.00 Credits**

**ECDPT-494 INTERNSHIP IN EARLY CHILDHOOD DEVELOPMENT 1.00-12.00 Credits**

**ECDPT-494A INTERNSHIP IN EARLY CHILDHOOD DEVELOPMENT I 1.00-6.00 Credits**

Internship in Early Childhood Development.

**ECDPT-494B INTERNSHIP IN EARLY CHILDHOOD DEVELOPMENT II 1.00-6.00 Credits**

Continuation of ECDPT 494A as a 400-level internship in Early Childhood Development.

**ECDPT-494C INTERNSHIP IN EARLY CHILDHOOD DEVELOPMENT III 1.00-6.00 Credits**

Continuation of ECDPT 494B as an intermediate 400-level internship in Early Childhood Development.

**ECDPT-494D INTERNSHIP IN EARLY CHILDHOOD DEVELOPMENT IV 1.00-6.00 Credits**

Continuation of ECDPT 494C as an intermediate to advanced 400-level internship in Early Childhood Development.

## Economics (ECON)

### Courses

**ECON-101 CONTEMPORARY ECONOMICS 3.00 Credits**

Builds breadth of understanding with respect to current economic events, problems and issues in the nation and world. May not be used by Business Administration and Management majors to satisfy the General Education Distributive Component.

**ECON-102 CONSUMER ECONOMICS 3.00 Credits**

Builds breadth of knowledge regarding consumers as an economic force and the impact of global and national economic trends on personal finance. May not be used by Business Administration and Management majors to satisfy the General Education Distributive Component.

**ECON-201 PRINCIPLES OF MACROECONOMICS 3.00 Credits**

Examines the problems of unemployment and inflation, the measurement of aggregate activity and other performance activity, and principles of Gross Domestic Product determination. The influence of monetary and fiscal policy are considered.

**ECON-202 PRINCIPLES OF MICROECONOMICS 3.00 Credits**

Builds breadth of knowledge regarding the economic principles which govern the production, exchange, and pricing of goods, services and resources, and the distribution of incomes in competitive and non-competitive markets. Recommended for students who have completed high school algebra.

**ECON-290 DIRECTED STUDY IN ECONOMICS 1.00-12.00 Credits**

**ECON-291 WORKSHOP IN ECONOMICS 1.00-12.00 Credits**

**ECON-292 SPECIAL TOPICS IN ECONOMICS 1.00-3.00 Credits**

**ECON-295 PRACTICUM IN ECONOMICS 1.00-12.00 Credits**

**ECON-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits**

**ECON-300 STATISTICAL METHODS 3.00 Credits**

Survey of descriptive and inferential statistical concepts commonly used in the treatment of data in social science research. The understanding and application of the concepts will be emphasized. Topics include: measures of central tendency, measures of variability, correlation methods, hypothesis testing and simple analysis of variance. Pre-requisite: Core Math. Cross-listed with PSYC-300, SS-300.

**ECON-301 INTERMEDIATE MACROECONOMICS 3.00 Credits**

Compares alternative theories of GNP determination and examines the determination of the aggregate price level. The potential and limitations of demand management policy as an influence on performance are examined. Pre-requisites: ECON-201 and ECON-202.

**ECON-302 INTERMEDIATE PRICE THEORY 3.00 Credits**

Analyzes the market process and its role in allocating resources, outputs and income. Alternative market structures and their impact on consumer welfare are stressed, as are the roles of costs and consumer preferences in guiding the decisions of profit-oriented enterprise. Pre-requisites: ECON-201 and ECON-202.

**ECON-392 SPECIAL TOPICS IN ECONOMICS 1.00-3.00 Credits****ECON-399 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****ECON-465 INTERNATIONAL ECONOMICS 3.00 Credits**

Investigates various dimensions of international economics from comparative and classical perspectives followed by an analysis of costs, benefits, and regulation of international commerce. Pre-requisites: ECON-201 and ECON-202.

**ECON-490 DIRECTED STUDY IN ECONOMICS 1.00-12.00 Credits****ECON-491 WORKSHOP IN ECONOMICS 1.00-12.00 Credits****ECON-492 SPECIAL TOPICS IN ECONOMICS 1.00-3.00 Credits****ECON-495 PRACTICUM IN ECONOMICS 1.00-12.00 Credits**

## Education (ED)

### Courses

**ED-214 PRINCIPLES OF EDUCATION 3.00 Credits**

An introduction to the teaching profession through consideration of relevant principles including the importance of education and teaching, the purpose of schools, teaching orientations and styles, trends in education, international influences on American education, the changing nature of American education, the administration and governance of schools, school funding, social issues affecting education and learning, schools and their environs, and education in other societies. Includes twenty hours of field experience in area elementary and secondary schools.

**ED-216 PHYSICAL EDUCATION FOR THE ELEMENTARY TEACHER 2.00 Credits**

Designed to aid the classroom teacher in developing and implementing physical education programs in elementary and middle schools. Cross-listed with KIN-216.

**ED-222 BEGINNING SIGN LANGUAGE 3.00 Credits**

Students will learn a sign language and finger spelling system consistent with English, used in educating hearing impaired individuals.

**ED-225 TECHNOLOGIES FOR TEACHING, K-12 3.00 Credits**

This course addresses foundational knowledge that educators need to be successful in the twenty-first-century classroom and teaching profession. Emphasis is placed on designing effective media, tech-rich instruction, and digital pedagogy. Through participation in the course, students will gain practical experience using a variety of instructional media and applications as well as theoretical frameworks for technology-enhanced teaching and instructional design. Emerging and crucial concepts for educators including cybersecurity, digital citizenship, and digital literacy are explored in detail.

**ED-250 PRAXIS PREPARATION FOR ELEMENTARY TEACHER CANDIDATES 1.00 Credit**

Preparation for the State-required Praxis subject tests for elementary teaching candidates. The required subject area tests are either 5001 - Elementary Education: Multiple Subjects or 7811 - Elementary Education: Content Knowledge for Teaching. Both of these consist of tests in Reading & Language Arts, Mathematics, Social Studies, and Science. The structure of this course is to focus upon a different one of these subject areas in each semester on a rotating basis.

**ED-290 DIRECTED STUDY IN EDUCATION 1.00-12.00 Credits****ED-291 WORKSHOP IN EDUCATION 1.00-3.00 Credits****ED-292 SPECIAL TOPICS IN EDUCATION 1.00-3.00 Credits****ED-295 PRACTICUM IN EDUCATION 1.00-12.00 Credits****ED-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits**

Graded P/F only.

**ED-310 PROFESSIONAL FOUNDATIONS OF EDUCATION 3.00 Credits**

Designed for post bachelors DLT teacher candidates, this course is a systematic survey of the philosophical foundations and historical development of public education, the legal, financial, and organizational principles associated with schooling, and certain social issues that have helped to shape, guide, and/or impact contemporary education. Twenty hours of field experience required. ED-214 meets the same requirement.

**ED-318 ASSESSMENT OF LEARNING 3.00 Credits**

An introduction to the theory of assessment. Presents the foundational concepts, principles, and procedures needed to systematically acquire, organize, and apply information about learners and learning. This course is a component in the elementary teacher education program's technology strand and is designated as technology-intensive. Pre-requisite: Elementary Education Majors must be admitted to the teacher education program.

**ED-321 EDUCATIONAL PSYCHOLOGY 3.00 Credits**

Psychology directly applicable to teaching and learning: Basics of our thinking physiology; basics of interpreting relevant research; development theories and their relation to learning; motivation theories and means to motivate students; behaviorism as applied and misapplied to classroom management and instruction; differentiating based upon receptive/perceptive modes, intelligences, and learning styles; memory and cognition paths; and the personally and socially constructed nature of knowing.

**ED-328 MATH METHODS K-8 3.00 Credits**

Based on NCTM standards, students will plan, deliver, assess, and reflect upon math lessons presented to elementary school children. Pre-requisites: MATH-157 and MATH-257; Admission to the Elementary Teacher Education Program.

**ED-345 CULTURALLY RELEVANT TEACHING 3.00 Credits**

The course is designed for classroom teachers and future teachers and will provide information for the selection of teaching strategies suited to the learners culture, literacy, language proficiency, and communication skills. The course will examine issues related to working with diverse peoples, deepen levels of awareness regarding individual differences and develop an understanding of the challenges of language acquisition in the classroom setting. Specific teaching strategies for students whose first language is not English.

**ED-390 DIRECTED STUDY IN EDUCATION 1.00-12.00 Credits****ED-392 SPECIAL TOPICS IN EDUCATION 1.00-3.00 Credits****ED-394 INTERNSHIP IN EDUCATION 1.00-12.00 Credits**

Graded P/F only.

**ED-395 PRACTICUM IN EDUCATION 1.00-12.00 Credits****ED-399 RESEARCH ASSISTANTSHIP 1.00-3.00 Credits**

Graded P/F only.

**ED-411 DIGITAL CITIZENSHIP/MOBILE/REMOTE TECH 3.00 Credits**

This course is designed to give you, the teacher candidate, formal experiences in the development of knowledge, skills, and dispositions supporting the strategic integration of mobile and remote technologies into teaching and learning and the related issues and responsibilities of digital citizenship that accompany these practices. Students enrolling in this course should have completed at least one course delivered online or be concurrently enrolled in an online course. It is expected that students who begin this course already have some experience performing fundamental operations with a microcomputer including the use of word processing software, World Wide Web browsing software, and electronic mail software.

**ED-413 DESIGNING ONLINE INSTRUCTION 3.00 Credits**

This course is designed to give you, the teacher candidate, formal experiences in the development of pedagogical knowledge, skills, and attitudes necessary to design and develop effective, online learning experiences. It is expected that students who begin this course already have some experience performing fundamental operations with a microcomputer including the use of word processing software, World Wide Web browsing software, and electronic mail software. Previous experience participating in coursework implementing an online learning management system is also expected.

**ED-414 PROFESSIONAL INTERN ONLINE TEACHING 7.00 Credits**

This course is designed to give you, the teacher candidate, formal experiences in the practice of skills to design, develop, implement, and evaluate effective teaching in an authentic, online instructional environment. Through a field-based, practicum experience, you will demonstrate your capacity to design, facilitate, and evaluate one or more online courses to designated students within the Kindergarten to Twelfth Grade range. Pre-requisites: ED-411, ED-413, ED-423, admission to the Elementary or Secondary Teacher Education Program, and has met all requirements to start an internship. Co-requisite: ED-415.

**ED-415 TEACHING ONLINE 1.00 Credit**

This course is designed to give you, the teacher candidate, opportunities to engage in productive reflective practices about the design, development, implementation, and evaluation activities of your professional internship in online teaching. In this seminar, you and your colleagues will reflect on your internship experiences and the development of your skills to design, facilitate, and evaluate instruction of an online course. Pre-requisite: Admission to the Elementary or Secondary Teacher Education Program. Co-requisite: ED-414.

**ED-422 INTERMEDIATE SIGN LANGUAGE 3.00 Credits**

Continuation of ED-222.

**ED-423 INSTRUCTIONAL TECHNOLOGY STRATEGIES, K-12 2.00 Credits**

Instructional Technology Strategies, K-12 is designed to give students formal experiences in the development of the knowledge, skills, and dispositions supporting the strategic integration of technologies into the teaching and learning process. This includes an exploration of best practices in instructional methods and strategies for technology-enriched learning environments. Through literature review and discussion/exploration activities, you will develop your knowledge and skills in the variety of strategies and facilitation techniques that best serve teachers and learners in technology-enriched and digital learning environments. Special attention will be given to the instructional functions of current technologies and their relation to the primary models of instruction and their implementation. Pre-requisite: Admission to the Elementary or Secondary Teacher Education Program.



**ED-425 INSTRUCTIONAL METHODS AND CLASSROOM MANAGEMENT, K-8 2.00 Credits**

This course is designed with a focus upon the exploration, understanding, implementation and integration of a repertoire of pedagogical knowledge, skills and dispositions related to K-8 instructional design, facilitation and evaluation, along with an examination of classroom management theories and strategies. This course will afford students the opportunities to become familiar with various instructional methods, models and practices, classroom management and relationship building to enhance educational relevance for K-8th grade students. Through various activities, including micro-teaching and other forms of presentation, students will demonstrate knowledge and skill acquisition in the development of instructional design, facilitation and evaluation. Additional projects will focus on research and product development to demonstrate understanding of key aspects related to classroom management, discipline and motivation through creating relevant and healthy relationships within the context of the classroom community. Pre-requisite: Students must be formally admitted to the Elementary Teacher Education Program.

**ED-426 PROFESSIONAL INTERNSHIP IN EDUCATION K-8, I 7.00-14.00 Credits**

A performance-based experience where interns have opportunities to develop and refine instructional materials and practices based on researched best practices for reading, language arts, math, science, health, social studies, physical education, visual and performing arts and multicultural issues to be utilized in K-8 classroom settings. The importance of effective communication strategies, including appropriate technology, will be emphasized. Interns will have numerous opportunities to interact with classroom teachers and elementary students during this first semester of a year-long internship. Pre-requisite: Admission to the Elementary Teacher Education Program. Co-requisites: ED-427 and SE-428.

**ED-427 PROF SEMINAR: ISSUES IN EDUCATION I 1.00 Credit**

Promotes self-reflection and the successful transition into the teaching profession through opportunities for interns to address and reflect upon contemporary and perennial issues that affect and inform their praxis. Includes questions of instructional philosophies and orientations, classroom management, professional conduct, ethics and legal considerations, interpersonal communications, steps toward securing employment, efficient time management, and proposals for educational reform and innovation. Fee required. Pre-requisite: Admission to the Elementary Teacher Education Program. Co-requisites: ED 426 and SE 428.

**ED-429 PROFESSIONAL INTERNSHIP IN EDUCATION K-8, II 7.00-14.00 Credits**

A continuation of ED-426. As the internship experience proceeds the intern will continually assume more responsibility for classroom instruction and management. This is a writing integrated course. Pre-requisite: Admission to the Elementary Teacher Education Program Co-requisites: ED-430 and SE-431. Graded P/F only.

**ED-430 PROF SEMINAR:ISSUES IN EDUCATION II 1.00 Credit**

A continuation of ED-427. LCSC faculty as well as occasional guests including teachers and school administrators will conduct the seminar. Pre-requisite: Admission to the Elementary Teacher Education Program. Co-requisites: ED-429 and SE-431.

**ED-432 PACE SEMINAR 1.00 Credit**

This seminar provides opportunities for PACE candidates to investigate and share techniques for the development of a personal folio evidencing their abilities to meet State of Idaho Content Area Standards in their chosen teaching field, to begin preparation of their professional portfolios, and to make arrangements for their internship experience under the direction and guidance of a Division of Education faculty supervisor. Pre-requisite: Admission to the PACE Teacher Education Program or permission of the instructor.

**ED-445 INSTRUCTIONAL STRATEGIES AND CLASSROOM MANAGEMENT, 6-12 3.00 Credits**

This course familiarizes students with a variety of instructional models and practices, classroom management strategies, and the building of learning communities to meet the needs of students in grades 6-12. Students demonstrate pedagogical knowledge, skills, and dispositions. Students develop products that demonstrate understanding of key aspects of classroom environment, instruction, management, and motivation. Includes significant clinical experience hours in area secondary schools. Pre-requisite: ED-214 (with a minimum grade of C-), ED-318 (with a minimum grade of B-), ED-321 (with a minimum grade of B-), and admission into Secondary Teacher Education Program. ED-447 must be taken concurrently.

**ED-447 TEACHING METHODS IN THE CONTENT AREA 2.00 Credits**

This course combines theoretical and practical learning experiences in pedagogical content knowledge. Students demonstrate requisite knowledge, skills, and dispositions through authorship of content-specific unit plans. Special emphasis is placed on teaching methods and strategies relevant to a content area. Provides a meaningful pre-internship clinical experience in the content area for students. Course can be taken within one academic year of Clinical Internship. Pre-requisites: ED-214 or ED-310 (with a minimum grade of C-), ED-318 (with a minimum grade of B-), ED-321 (with a minimum grade of B-) and admission into secondary education program. Must take ED-445 concurrently.

**ED-452 INTERNSHIP SEMINAR 1.00 Credit**

This seminar promotes self-reflection and the successful transition into the teaching profession through opportunities for interns to address and reflect upon their internship experiences and contemporary and perennial issues that affect and inform their praxis. Pre-requisite: Admission into the Secondary Education Program. Co-requisites: ED-460 and ED-461.

**ED-454 PROFESSIONAL TEACHING STRATEGIES 6-12 3.00 Credits**

This course in instructional design focuses on the acquisition and integration of basic pedagogical knowledge, skills and dispositions related to secondary teaching methods necessary to design, develop, deliver and evaluate effective instruction. Teacher candidates will become familiar with a variety of traditional and contemporary teaching models to meet the needs of a culturally and intellectually diverse classroom population. Includes a demonstration of requisite knowledge, skills, and dispositions through authorship of a course rationale and syllabus and unit plan templates, completing videotaped mini-teaching lessons and passing quizzes and the course examination Pre-requisite: Admission to the Secondary Teacher Education Program. This course is not available to students who have successfully completed ED 454 prior to Fall 2003.

**ED-460 PROFESSIONAL INTERNSHIP IN EDUCATION 6-12 3.00-12.00 Credits**

The integration and application of pedagogical knowledge, skills, and dispositions necessary to successfully design, develop, deliver, and evaluate instruction during a semester-long internship with an on-site secondary teacher educator. Interns are asked to utilize a variety of traditional and contemporary teaching strategies, aids, materials, and activities to meet the needs of a culturally and intellectually diverse classroom population. Interns will participate in regular seminars, lectures, and/or laboratory sessions in support of their internship activities. The intern should have a means of transportation to the internship school. Pre-requisite: Successful completion of all Phase I and Phase II requirements. Pre-requisite: Admission into the Secondary Education Program. Co-requisites: ED-452 and SE-407. Graded P/F only.

**ED-461 PROFESSIONAL INTERNSHIP IN EDUCATION K-12 3.00-12.00 Credits**

For candidates seeking K-12 teaching certificates, the integration and application of pedagogical knowledge, skills, and dispositions necessary to successfully design, develop, deliver, and evaluate instruction during a semester-long internship with on-site K-12 teacher educators. Interns are asked to utilize a variety of traditional and contemporary teaching strategies, aids, materials, and activities to meet the needs of a culturally and intellectually diverse classroom population. Interns will participate in regular seminars, lectures, and/or laboratory sessions in support of their internship activities. The intern should have a means of transportation to the internship school. Pre-requisite: Successful completion of all Phase I and Phase II requirements. Pre-requisite: Admission into the Secondary Education Program. Co-requisites: ED-452 and SE-407. Graded P/F only.

**ED-476 LEARNER DEVELOPMENT & DIFFERENTIATION (MODULE A) 3.00 Credits**

Builds pedagogical knowledge for the candidates about students: development, individual learning differences, learning environments, and uses understanding of individual differences and diverse cultures and communities.

**ED-477 CREATING AN ENVIRONMENT THAT FOSTERS COLLEGE AND CAREER READY SKILLS (MODULE B) 3.00 Credits**

Builds pedagogical knowledge for the candidates in creating supportive environments that encourage positive social interaction, active engagement in learning, and self-motivation in students. With a focus specifically on the development of the skills necessary for college and career readiness. Acceptance into the PACE Mastery-Based Pathway Program required.

**ED-478 CREATING AN ENVIRONMENT FOR ALL LEARNERS (MODULE C) 3.00 Credits**

Builds pedagogical knowledge for the candidates in creating supportive environments that encourage individual and collaborative learning, positive social interaction, active engagement in learning, and self-motivation in students, With a focus specifically on understanding diversity. Acceptance into the PACE Mastery-Based Pathway Program required.

**ED-479 DIFFERENTIATION AND APPLICATION OF CONTENT (MODULE D) 3.00 Credits**

Builds pedagogical knowledge for the candidates in their content area(s) to make the content accessible to students. Specific focus will be in the development of engaging learners in critical thinking, creativity, and collaborative problem solving related to authentic local and global issues that leads toward mastery of content. Acceptance into the PACE Mastery-Based Pathway Program required.

**ED-480 DESIGNING INSTRUCTION AND ASSESSMENT LITERACY (MODULE E) 3.00 Credits**

Builds pedagogical knowledge for the candidates in methodologies of assessment, planning, and instruction. Specific attention is given to the impact of assessment on learning, instruction for learning, student's application of knowledge, community context, and decision making for curriculum. Acceptance into the PACE Mastery-Based Pathway Program required.

**ED-490 DIRECTED STUDY IN EDUCATION 1.00-14.00 Credits****ED-491 WORKSHOP IN EDUCATION 1.00-3.00 Credits**

Graded P/F only.

**ED-491A WORKSHOP IN EDUCATION 1.00-12.00 Credits****ED-492 SPECIAL TOPICS IN EDUCATION 1.00-3.00 Credits****ED-494 INTERNSHIP IN EDUCATION 1.00-12.00 Credits****ED-495 PRACTICUM IN EDUCATION 1.00-12.00 Credits****ED-499 RESEARCH PROJECT AND SEMINAR IN EDUCATION 1.00-12.00 Credits**

## Engineering (ENGR)

### Courses

**ENGR-105 ENGINEERING GRAPHICS 2.00 Credits**

Engineering Graphics emphasizes computer aided graphical analysis and transmission of information. Study of computer designing and drafting systems is presented using various CAD software applications with specialization in the AUTOCAD program. Included will be freehand and computer generated engineering graphics, 2D, and 3D graphics in orthographic and pictorial projections in sections and various views, graphical analysis of data, and measurements dimensioning. Course Fee.

**ENGR-110 SOLIDWORKS - COMPUTER AIDED DRAFTING 3.00 Credits**

An introduction to the concepts commands of parametric solid modeling. Students create sketches and add relationships to the sketch segments, extrude the sketches to create models, add features such as fillets, cut, extrude, chamfers, holes, draft, shell, lofts and sweeps, assemblies and BOM, the use of equations, part configurations and design tables, derived and molded parts.



**ENGR-115 SURVEYING 3.00 Credits**

Theory of measurements, basic equations for survey computations, types of distribution of errors, topographical and land surveying introduction to geographic information systems and global positioning systems, coordinate geometry and coordinate transformations, site engineering projects using land development software, application of surveying methods to construction; site engineering, and civil engineering projects surveying instruments. Pre-requisite: MATH-144.

**ENGR-120 ENGINEERING FUND ANALYSIS & DESIGN 4.00 Credits**

This course provides both an introduction to the engineering profession through design projects, research, and guest speakers along with development of college success skills for an engineering academic program including time management and study skills, critical thinking, problem solving skills, communication skills, ethics, and an introduction to basic computer programs.

**ENGR-210 ENGINEERING STATICS 3.00 Credits**

Engineering application of the principles of mechanics, force systems, equilibrium, structures, distributed forces, moments of inertia, and friction with an emphasis on problem solving. Pre-requisite: Grade of 'C' or better in MATH-170.

**ENGR-220 ENGINEERING DYNAMICS 3.00 Credits**

Engineering application of principles of particle and rigid body kinematics, force-mass-acceleration relations, work and energy, impulse and momentum, and moments of inertia and mass with an emphasis on problem solving. Course fee. Pre-requisite: A grade of 'C' or better in MATH-170 and ENGR-210.

**ENGR-240 ELECTRICAL CIRCUITS 4.00 Credits**

An introduction to basic electric circuit analysis with lab. Concepts covered include steady-state DC circuits, AC steady-state circuits using phasor analysis, AC power calculation, first order transient, ideal op-amps, ideal transformers, and introduction to balanced 3-phase circuits. Pre-requisite: PHYS-211 or MATH-170.

**ENGR-292 SPECIAL TOPICS IN ENGINEERING 3.00 Credits****ENGR-330 MECHANICS OF MATERIALS 3.00 Credits**

An introduction to the principles and methods of mechanics of materials analyzing stress, strain and displacement fields in mechanically and thermally loaded components. Pre-requisite: ENGR-210.

## Engineering Technology (ENGTE)

### Courses

**ENGTE-105 DRAFTING PRINCIPLES 9.00 Credits**

Includes line work, lettering, applied geometry, dimensioning, orthographic projection, and the use of drafting tools. Emphasis on various methods of drafting views of objects including auxiliary views, revolutions, intersections, developments, technical illustration, precision dimensioning, working drawings and reproductions of drawings. Traditional and CAD drafting tools used.

**ENGTE-106 DRAFTING FUNDAMENTALS 6.00 Credits**

Includes geometric construction, measuring and scaling techniques, conventional drafting practices, dimensions and annotations, hand sketching techniques, and the use of drafting tools. Emphasis on various methods of drafting views of objects including multi-view drawings using orthographic projection, section views, auxiliary views, pictorials, pattern development, working drawings and prints. Traditional drafting tools and computer-aided drafting software used. Co-requisite: ENGTE-154.

**ENGTE-107 ENGINEERING TECHNOLOGY DISCIPLINES 2.00 Credits**

Explores Engineering Technology careers, job opportunities and educational requirements for specific careers. Emphasis on disciplines related to mechanical, electrical, architectural, structural, geographic information systems, civil and surveying.

**ENGTE-125 3D CAD MODELING I 3.00 Credits**

This is a study in Basic 3D CAD modeling concepts and procedures to develop and design three dimensional parts, assemblies, and drawings from sketches and real parts. Emphasis will be on the creation and use of 3-D primitives, surface modeling, basic solids modeling, shading techniques, and the use of rendering and animation software. Exercises will include rendered output to ink jet type printers and plastic 3D Printers. Pre-requisite: ENGTE-106 and ENGTE-154.

**ENGTE-130 COMPUTER AIDED MACHINE DRAFTING 9.00 Credits**

Application of computer aided drafting skills using AutoCAD software on increasingly complex drawings. Emphasis is on drafting technician's position as a designer and detailer for support of engineered and manufactured products. Techniques of dimensioning and tolerancing detail drawings for manufacturing covered. Current manufacturing techniques and engineering product design processes also covered. Pre-requisite: ENGTE-105.

**ENGTE-131 MECHANICAL DRAFTING 4.00 Credits**

Application of computer aided drafting skills using AutoCAD software for the creation of detailed working drawings using dimensions, tolerancing, and other specifications for machine tool, fabrication and/or welding processes. Introduction to three-dimensional modeling using AutoCAD and assembly drawings with bill of materials. Pre-requisites: MTHPT-137, ENGTE-106, and ENGTE-154.

**ENGTE-135 APPLIED PHYSICS 4.00 Credits**

Combines lectures, classroom discussion and problem solving to teach fundamentals of physics. Topics include uniform linear and circular motion, uniform acceleration, projectiles, Newton's First, Second, and Third Laws of Motion, curvilinear motion, forces in rotation, elasticity, friction, work, momentum, rotational motion, mechanical properties of materials, vibrations and waves, sound and fluid mechanics, energy, and properties of materials. Pre-requisite: MTHPT-137.

**ENGTE-154 INTRODUCTION TO COMPUTER DRAFTING 4.00 Credits**

Teaches basic computer skills using various CAD software. Learning centers around these components and how they send and receive information. Basic understanding of computer hardware, software, and disk operating systems. Uses basic drafting skills learned from traditional drafting courses to create simple dimensioned drawings.

**ENGTE-171 INTRODUCTION TO GEOSPATIAL TECHNOLOGIES 2.00 Credits**

Introduction to geospatial technologies and underlying science. Develops concepts for understanding geographic information systems, global positioning systems, coordinate systems, satellite and unmanned aerial systems imagery, cartography, and ways to communicate results.

**ENGTE-190 DIRECTED STUDY IN ENGINEERING TECHNOLOGY 1.00-10.00 Credits**

Opportunity to learn advanced skills in areas agreed upon by student and instructor. Objectives developed to complete a specialized project or course of study and a plan to achieve these objectives.

**ENGTE-194 INTERNSHIP IN ENGINEERING TECHNOLOGY 12.00 Credits**

Work experience in business related to the student's career goal. Student is a paid, part-time employee working under supervision of employer and program coordinator. Registration only with the approval of program coordinator.

**ENGTE-201 CIVIL DRAFTING 3.00 Credits**

Combines lectures, assignments and lab work to give the student a basic understanding of civil technology including civil drafting and design and mapping procedures. The student will develop skills in the use of AutoCAD and Civil 3D for civil design and drafting applications. Covers basics of mapping including contours, symbols, topography, curve geometry, and curve data. Practical problems given in cross-sections and profiles, cuts and fills, grades, earthwork, horizontal alignment layout and site plans. Pre-requisites: ENGTE-105 or ENGTE-106, ENGTE-154, and MTHPT-137.

**ENGTE-202 INTRODUCTION TO SURVEY 3.00 Credits**

This course provides students with a basic understanding of survey fundamentals. Students develop skills in the use and maintenance of survey equipment, surveying techniques, historical mapping practices, determinations for precision and accuracy as well as methods for error adjustments. Students use surveying equipment for measuring horizontal and vertical distances, angles, and develop mathematics skills specific to surveying. Pre-requisite: MTHPT-137 or MATH-147 or MATH-170 with a grade of 'C' or better; ENGTE-154 with a grade of 'C' or better. Co-requisite: ENGTE-201.

**ENGTE-203 UNMANNED AERIAL SYSTEMS AND IMAGERY FUNDAMENTALS 3.00 Credits**

Introduction to unmanned aerial systems including unmanned aerial vehicle operation, limitations, best practices, maintenance and care, applicable regulations, aerial imagery fundamentals including settings, best practices, and photography basics.

**ENGTE-204 CIVIL TECHNOLOGY 9.00 Credits**

Combines lectures, assignments and lab work to give the student a basic understanding of civil technology including civil drafting, basic surveying, and mapping procedures. The student will develop skills in the use of AutoCAD Civil 3D for civil design and drafting applications as well as the use and maintenance of survey equipment. Covers basics of mapping including contours, symbols, topography, curve geometry, and curve data. Methods of calculating angles, bearings, distances, areas, quantities, and slope. Practical problems given in cross-sections and profiles, cuts and fills, grades, earthwork, and horizontal alignment layout and simple curve layout. Concepts of survey, leveling procedures, traverse closures and areas, triangulation, construction surveys, and computations by various methods. Mastery of correct methods of note-taking and electronic data collection. Pre-requisites: ENGTE-105, ENGTE-154, and MTHPT-137.

**ENGTE-205 ADVANCED CIVIL DRAFTING AND DESIGN 4.00 Credits**

The student will be prepared to perform basic civil design functions, such as surface and contour creation, grading and drainage plans, alignment layout, plan and profiles, detail drawings and survey data management. Upon completion of this course, the student will prepare a complete set of civil engineering drawings. Pre-requisite: ENGTE-201, MTHPT-137 or equivalent.

**ENGTE-206 RESIDENTIAL ARCHITECTURAL DRAFTING 4.00 Credits**

This course is designed to introduce the student to the concepts, practices, standards, and drafting techniques needed for architectural design. The student will learn fundamental architectural drafting methods and organization. Coursework covers foundation plans, floor plans, elevations, stair details, floor and roof framing plans, interior elevations, and window and door schedules developed. Includes residential architectural drawings. Pre-requisites: ENGTE-106 and ENGTE-154.

**ENGTE-207 STRUCTURAL DRAFTING 4.00 Credits**

The student will learn entry-level drafting and job skills in the four basic types of structural drafting. Coursework is organized to cover and prepare students for drafting experience in structural steel, poured-in-place concrete, precast and wood. Includes engineering drawings, and shop drawings. Pre-requisites: ENGTE-105 or ENGTE-106 and ENGTE-154.

**ENGTE-208 ARCHITECTURAL AND STRUCTURAL DRAFTING 9.00 Credits**

Fundamental architectural drafting methods taught. Site plans, foundation plans, floor plans, elevations, construction details, lighting and wiring, stair details, floor and roof framing plans, interior elevations drafted, and window and door schedules developed. Prepares students to draft structural steel, precast and poured-in-place concrete, and structural wood projects. Includes engineering drawings and shop drawings. Pre-requisite: ENGTE-154 or instructor's permission.

**ENGTE-209 ADVANCED SURVEYING 4.00 Credits**

This course is the second of a two-part introductory sequence in plane surveying, including the measurement of distances, elevations, angles and directions. Principles and field use of modern surveying instruments are covered in lecture and practiced in lab. Course covers fundamental surveying concepts and application practice using GPS and total stations, closure, error and accuracy computations, property, construction, and topographic surveys, highway curves and volume computations. Pre-requisite: ENGTE-202 or ENGTE-204 with grade of 'C' or better.

**ENGTE-211 UNMANNED AERIAL SYSTEM SURVEYING 2.00 Credits**

Survey applications with unmanned aerial systems specific to surveying including unmanned aerial vehicle operations, care and maintenance, licensing requirements, fundamental operations, flight requirements, photogrammetry, image processing using GIS, and CAD mapping. Pre-requisite MATH-137 or equivalent, ENGTE-154, ENGTE-171 all with a 'C' or higher.

**ENGTE-221 GLOBAL POSITIONING CONCEPTS AND APPLICATIONS 3.00 Credits**

Course covers GPS concepts including GPS signals, biases and solutions, framework, receivers, geodetic datums, coordinate systems and heights, and real-time GPS for land surveys. Pre-requisite: MATH-137 or MATH-170 with a grade of 'C' or better.

**ENGTE-225 3-D CAD MODELING II 4.00 Credits**

This is a study in intermediate 3D CAD modeling concepts and procedures to expand on solids, surfaces, multibodies, configurations, drawings, sheet metal and assemblies. Pre-requisite: ENGTE-125 or instructor's permission.

**ENGTE-227 CAD/CAM 3.00 Credits**

Students will be trained in the use of SolidWorks integrated cam software. This will integrate parametric feature based machining into projects students will carry over to other areas of study. SolidWorks will be used to design projects based on solving "real world" problems. These projects may originate with the student, or from local area businesses that require assistance implementing solutions to their production problems. Prerequisite ENGTE-225.

**ENGTE-231 GD&T APPLICATION & INTERPRETATION 3.00 Credits**

This is a study in Geometric Dimensioning and Tolerancing as related to design, manufacturing, and inspection. This study will adhere to ASME Y14.5-2018 standard. This course will explore and emphasize symbology, size tolerances, form controls, datums, datum references, orientation, positioning, runout and profile tolerancing, as well as practical and project based applications. These skills will be used in application on both 2D drawings and 3D cad models as well as manufacturing documentation.

**ENGTE-237 APPLIED PHYSICS II 3.00 Credits**

Covers basic engineering principles necessary for a draftsman to communicate on a technical level with designers. Covers temperature and heat, thermal properties of materials, fundamentals of thermodynamics, electrostatics, capacitance and dielectrics, current resistance, power, basic DC circuits, magnetism, electromagnetic induction, basic AC circuits, electrons and solid state physics, light and illumination, mirrors and lenses, and vision and optical instruments. Pre-requisite: ENGTE-135 or GENTC-133.

**ENGTE-241 INTRODUCTION TO MACHINING 3.00 Credits**

Intro to the designing, programming, editing, setup, and operation of CNC lathes and milling machines. Students will produce parts from 2-D CAD files. Topics studied will include: G and M control codes, importing and exporting CAD files, using CAM software to manipulate geometry, using CAM software to produce various toolpaths such as engraving, contouring, and pocketing paths, island avoidance, proper setup and sequence of operations while machining, and setting tool radius and height offsets. Pre-requisite: ENGTE-154.

**ENGTE-243 ADVANCED MACHINING 3.00 Credits**

This course provides the engineering students with the knowledge for lab operation of machining, special attachments, bench work, layout, heat-treating, hardness testing, layout inspection, jig and fixture setup, tool design. This course is designed to provide the students with the development of manufacturing plans for the efficient manufacturing of moderately complex products. Individualized laboratory practice will integrate the textbook, reference manuals and technical tools placing emphasis on the production of moderately complex products using production machines, setups, and fixtures. A continuation in the study of G and M codes from ENGTE 241. The emphasis will be in transforming 3-D models (including wire frame, surface, and solid models) into 3-D tool path definitions. Pre-requisite: ENGTE-241.

**ENGTE-246 CONSTRUCTION AND MANUFACTURING TECHNOLOGY 2.00 Credits**

This course is designed to develop a basic understanding of manufacturing and construction aspects including history, types, materials and materials production, management, quality, and safety.

**ENGTE-261 3-D ASSEMBLIES & AUTOMATION 3.00 Credits**

This is a study in advanced Solidworks tools and techniques. Will include preparation for the Certified Solidworks Professional Exam. Emphasis will be on the comprehensive coverage and integration of parts, surfaces, simulationXpress, sheet metal, top-down assemblies, core and cavity molds, and their application in a design and manufacturing environment. A portfolio of large assemblies with exploded drawings and manufacturing documentation will prepare students to excel in the mechanical drafting and design environment. Pre-requisite: ENGTE-225.

**ENGTE-272 ADVANCED GIS AND APPLICATIONS 3.00 Credits**

This course is designed to develop advanced GIS skills (spatial, suitability, surface, and point pattern analysis), web mapping, data collection, app development, and advanced cartography. Pre-requisite: GIS-271 with a grade of 'C' or better.

**ENGTE-273 REMOTE SENSING AND APPLICATIONS 3.00 Credits**

Course covers remote sensing physics, geodesy, photogrammetry, logistics for accessing imagery, preparing and rendering imagery, understanding variation and change through image analysis. Types of remotely sensed data include multispectral, digital elevation models, thermal, and Lidar. Pre-requisite GIS-271 with a 'C' or better.

**ENGTE-290 DIRECTED STUDY IN ENGINEERING TECHNOLOGY 1.00-10.00 Credits**

Opportunity to learn advanced skills in areas agreed upon by student and instructor. Objectives developed to complete a specialized project or course of study and a plan to achieve these objectives.

**ENGTE-292 SPECIAL TOPICS IN ENGINEERING TECHNOLOGY 1.00-10.00 Credits**

Offers opportunity to learn advanced skills for students who are progressing at faster than normal pace.

**ENGTE-294 INTERNSHIP IN ENGINEERING TECHNOLOGY 1.00-10.00 Credits**

Work experience in business related to the student's career goal. Student is a paid, part-time employee working under supervision of employer and program coordinator. Registration only with the approval of program coordinator.

**ENGTE-305 ADVANCED SURVEYING DRAFTING & DESIGN 5.00 Credits**

Consists of lecture and lab work pertaining to typical highway, bridge, storm drainage, sewer, and land development design. Lab work performed by CAD, field trips made to observe on-going projects. Pre-requisite: ENGTE-204.

**ENGTE-306 STRENGTH/MATERIAL/MECH 4.00 Credits****ENGTE-310 SURVEYING LAW AND BOUNDARY DESCRIPTIONS 3.00 Credits**

This course was designed to give the student a basic understanding of the different types of boundary descriptions in common use and the correct way to prepare a boundary description. They will acquire basic knowledge in many of the problems they will encounter in description. The student will gain a basic knowledge in Survey Law and how to apply it to their job. Pre-requisites: ENGTE-204, ENGTE-205, and ENGTE-209.

**ENGTE-312 PUBLIC LAND SURVEYING 3.00 Credits**

This course was designed to give the student a basic understanding of the different types of surveys done in the United States. They will cover metes and bounds surveys done by the English, French, and Spanish along with the current Public Land Survey Systems (PLSS); be able to explain each type of survey and understand where to look for information on the different types of surveys. Pre-reqs: ENGTE-204, ENGTE-205, and ENGTE-209.

**ENGTE-313 SURVEYING AND SOFTWARE APPLICATIONS 3.00 Credits**

This course was designed to give the student a basic understanding of different survey programs and how to use each one. The student will use these programs to develop surveying projects and preparing final drawings. Pre-requisites: ENGTE-204, ENGTE-205, and ENGTE-209.

**ENGTE-314 SURVEYING RESEARCH AND EVIDENCE 3.00 Credits**

This course was designed to give the student a basic understanding of survey research and evidence. Student will become familiar with places to research, where to start, what to collect, how to evaluate what is found, and how to evaluate evidence. Pre-requisites: ENGTE-204, ENGTE-205, and ENGTE-209.

**ENGTE-315 SURVEY ADJUSTMENTS 3.00 Credits**

Studies matrix inverse; solution of linear equation by matrices, theory, and computation of least squares adjustments, coordinate transformation, error ellipses, and statistical testing. Pre-requisite: AAS degree.

**ENGTE-317 SUBDIVISION PLANNING & PLATTING 3.00 Credits**

This course deals with land use planning; governmental regulations and permits as applied to subdivisions; subdivision planning, computations and preparation of subdivision plats. Pre-requisites: AAS degree.

**ENGTE-390 DIRECTED STUDY IN ENGINEERING TECHNOLOGY 1.00-5.00 Credits**

Opportunity to learn advanced skills in areas agreed upon by student and instructor. Objectives developed to complete a specialized project or course of study and a plan to achieve these objectives.

**ENGTE-394 INTERNSHIP IN ENGINEERING 1.00-12.00 Credits**

Work experience in business related to the student's career goal. Student is a paid, part-time employee working under supervision of employer and program coordinator. Registration only with the approval of program coordinator.

**ENGTE-409 ADVANCED SURVEYING 5.00 Credits**

Expands on topics taught in the basic survey course. Consists of lectures, lab and field trips. Topics presented on plane surveying, topographics, public land, construction staking, geodetic, hydrographic and land development. Discussion presented on geographics information and global position systems. Pre-requisite: ENGTE-204.

**ENGTE-410 PROJECT MANAGEMENT 4.00 Credits**

Lecture and field trips to construction projects. Estimating, contracts, contract administration, construction materials, and equipment management and productions covered.

**ENGTE-411 GEODESY 3.00 Credits**

The objective of this course is to give the student an introduction to the principles of geodesy, particularly geometric geodesy, astronomic geodesy, and principles of map projections. Pre-requisites: ENGTE-204, ENGTE-205, and ENGTE-209.

**ENGTE-415 SURVEY OFFICE PRACTICE 3.00 Credits**

The student will have a basic understanding of how the business operates and many of the considerations that a business manager must deal with. They will get an appreciation of the problems encountered by the managers and will be able to understand their problems and help make work a better place. Pre-requisites: ENGTE-204, ENGTE-205, and ENGTE-209.

**ENGTE-490 DIRECTED STUDY IN ENGINEERING TECHNOLOGY 1.00-12.00 Credits**

Opportunity to learn advanced skills in area agreed upon by student and instructor. Objectives developed to complete a specialized project or course of study and a plan to achieve these objectives.

**ENGTE-492 SPECIAL TOPICS IN ENGINEERING TECHNOLOGY 1.00-5.00 Credits****ENGTE-494 IN:ENGINEERING TECHNOLOGY 1.00-12.00 Credits**

Work experience in business related to the student's career goal. Student is a paid, part-time employee working under supervision of employer and program coordinator. Registration only with the approval of program coordinator.

# English (ENGL)

## Courses

### **ENGL-101 WRITING AND RHETORIC I 3.00 Credits**

The fundamental skills of reading and writing the essay. Specific attention to personal, descriptive, expository, and persuasive writing. Successful students will be able to: 1. Understand writing as a process, including prewriting, revision, and editing; 2. Read and respond thoughtfully and analytically; 3. Control a main idea; 4. Develop and organize support for a main idea; 5. Develop a logical argument; 6. Identify and write to a variety of audiences; 7. Develop writing that is appropriate in academic and occupational settings; 8. Write clearly, concisely, and vigorously; 9. Use correct spelling, punctuation, and grammar; 10. Use basic word-processing skills to produce and revise an essay. Writing integrated; computer intensive. Pre-requisite: Satisfactory completion of ENGL-090 or ENGL-093, or appropriate placement.

### **ENGL-102 WRITING AND RHETORIC II 3.00 Credits**

A continuation of ENGL-101 with an emphasis on general research techniques with applications to various academic disciplines. Successful students will be able to: 1. Continue to demonstrate competency in the course outcomes for ENGL-101; 2. Locate, identify, and participate in academic discourse; 3. Read critically, synthesize, and evaluate information; 4. Use a variety of research tools (databases, indexes, the Internet, etc.) to locate appropriate information sources; 5. Develop a focused research topic or project; 6. Conduct a review of the literature for a specific topic; 7. Understand what constitutes evidence in a particular discipline; 8. Use valid evidence to support claims; 9. Understand and use APA and MLA formats for organizing and documenting multiple source papers; 10. Understand and demonstrate the ethical responsibility of the research writer to explore multiple perspectives on a topic and to cite sources and report findings accurately. Writing integrated; computer intensive. Pre-requisite: A grade of 'C' or better in ENGL-101 or satisfactory placement score.

### **ENGL-103 WRITING WORKSHOP 1.00 Credit**

A support course designed to help students succeed in ENGL 101. Assigned on the basis of placement exam scores. Writing integrated. Graded P/F. Students must be co-enrolled in ENGL 101.

### **ENGL-109 COLLEGE WRITING AND RESEARCH 6.00 Credits**

A one-semester 6-credit integrated version of two required 3-credit courses, ENGL 101 and ENGL 102. Students in ENGL 109 will develop the fundamental skills of reading and writing a range of college-level essays, including expository, analytical, argumentative, and research-based essays. This course fulfills the Skills: English component of the General Education Core. Pre-requisite: Satisfactory completion of ENGL-090 or appropriate placement score.

### **ENGL-175 LITERATURE AND IDEAS 3.00 Credits**

An introduction to reading and understanding world literature. Literary study as a method of thinking critically about historical and contemporary aspects of the human condition. Writing integrated. Pre-requisite: ENGL-101 or ENGL-109.

### **ENGL-190 DIRECTED STUDY IN ENGLISH 1.00-12.00 Credits**

### **ENGL-192 SPECIAL TOPICS IN ENGLISH 1.00-12.00 Credits**

### **ENGL-203 TECHNICAL WRITING 3.00 Credits**

Focuses on the processes and conventions of business and technical writing. Students produce abstracts, correspondence, reports, and other technical formats. Writing integrated; computer intensive. Pre-requisite: ENGL-102 or ENGL-109.

### **ENGL-209 CREATIVE WRITING:NON-FICTION 3.00 Credits**

The study and practice of writing nonfiction in a variety of modes. Writing integrated. Pre-requisite: ENGL-102 or ENGL-109 or permission of instructor.

### **ENGL-210 LITERARY ANALYSIS 3.00 Credits**

Basic methods and assumptions of literary study and research, application of various critical approaches to literature through oral and written analysis. Writing integrated. Pre-requisite: ENGL-102 or ENGL-109.

### **ENGL-211 CREATIVE WRITING POETRY 3.00 Credits**

The study and practice of writing poetry. Writing integrated. Pre-requisite ENGL-102 or ENGL-109 or permission of instructor.

### **ENGL-212 CREATIVE WRITING:FICTION 3.00 Credits**

The study and practice of writing fiction. Writing integrated. Pre-requisite: ENGL-102 or ENGL-109 or permission of instructor.

### **ENGL-215 INTERNSHIP IN PUBLISHING 4.00 Credits**

An introduction to publishing in general: Writing, editing, design, printing, technical production, marketing, distribution. Computer intensive. Students enrolled in this course will be engaged in the production of Talking River, a literary journal. Pre-requisite: ENGL-102 or ENGL-109.

### **ENGL-257 WORLD CLASSICS 3.00 Credits**

World masterpieces as literary achievements, with attention to non-western writings. Writing integrated. Pre-requisite: ENGL-101 or ENGL-109.

### **ENGL-258 INTERNATIONAL LITERATURE 3.00 Credits**

Contemporary literature as literary achievements, with attention to non-western writings. Writing integrated. Pre-requisite: ENGL-101 or ENGL-109.

### **ENGL-260 NATIVE AMERICAN LITERATURE 3.00 Credits**

This course explores the oral and written literature of the Native People of North America. It examines the stories as literature in themselves, as well as analysis written about them. The class will focus about two-thirds on traditional stories (oral literature) and about one-third on forms such as plays, novels, and modern forms of drama. Pre-requisites: ENGL-101 or ENGL-109.



**ENGL-261 MYTHOLOGIES 3.00 Credits**

A study of the content, background, and literary application of myths from Egyptian, Babylonian, Indian, Hebrew, Greek, Roman, Norse, Arthurian, and Native American traditions; myths as literature in themselves; and mythological criticism. Writing integrated. Pre-requisite: ENGL-101.

**ENGL-267 BRITISH LITERATURE I 3.00 Credits**

Literary history of England, from the Anglo-Saxon era to the Neoclassical period. Writing integrated. Pre-requisite: ENGL-102 or ENGL-109.

**ENGL-268 BRITISH LITERATURE II 3.00 Credits**

Topics and issues in British literature, from the Romantic period to the present. Writing integrated.

**ENGL-277 AMERICAN LITERATURE I 3.00 Credits**

Literary history of America, from the Colonial period to the Civil War. Writing integrated. Pre-requisite: ENGL-102 or ENGL-109.

**ENGL-278 AMERICAN LITERATURE II 3.00 Credits**

Topics and issues in American literature, from the 1870s to the present. Writing integrated. Pre-requisite: ENGL-102 or ENGL-109.

**ENGL-290 DIRECTED STUDY IN ENGLISH 1.00-12.00 Credits****ENGL-291 WORKSHOP IN ENGLISH 1.00-12.00 Credits****ENGL-292 SPECIAL TOPICS IN ENGLISH 1.00-12.00 Credits****ENGL-294 INTERNSHIP IN ENGLISH 1.00-12.00 Credits****ENGL-295 PRACTICUM IN ENGLISH 1.00-12.00 Credits****ENGL-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****ENGL-300 EDITING FOR PRINT AND ONLINE 3.00 Credits**

Focuses on writing and revision in both print and online formats. Emphasizes a range of techniques to improve editing skills that are transferrable to a variety of writing styles and technological formats. Pre-requisite: ENGL-102 or ENGL-109. Crosslisted with COMM-300.

**ENGL-303 SCREENWRITING 3.00 Credits**

This course explores the various aspects of planning and writing for television, video, and film productions. Cross-listed with COMM-302.

**ENGL-304 WRITING FOR A DIGITAL AUDIENCE 3.00 Credits**

Develop effective communication skills in creating and utilizing digital texts. Gain an awareness and appreciation for online discourse communities. Analyze the rhetorical aspects of digital texts, including audience, purpose and context. Utilize both text and images in creating documents commonly found as digital texts. Create effective digital documents. Conduct research that effectively informs digital writing. Considers the ethical dimensions of working within a digital space. Pre-requisite: ENGL-102 or ENGL-109, or permission of the instructor.

**ENGL-305 ADVANCED WRITING AND COMMUNICATION 3.00 Credits**

Emphasis on rhetoric, research, and writing strategies to develop and present advanced writing projects independently and collaboratively. Pre-requisite: ENGL-102 or ENGL-109 or permission of instructor.

**ENGL-306 PLAYWRITING 3.00 Credits**

Playwriting is dedicated to the dramatist's processes. Students will learn to write plays by writing plays and analyzing the plays of others. The primary goal of the course is to encourage students to write quickly, fluidly, and fearlessly. Students will write several short plays, which will be revised and over the course of the semester. The emphasis is on experimentation and process. Pre-requisite: ENGL-101. Cross-listed with COMM-306 and THEA-306.

**ENGL-308 SURVEY OF PROFESSIONAL WRITING 2.00 Credits**

This course explores a range of genres, as well as writing practices, within professional writing and presents options that students may pursue in future course work and careers. Pre-requisite: ENGL-102, ENGL-109 or permission from the instructor.

**ENGL-309 CREATIVE WRITING:NON-FICTION 3.00 Credits**

The study and practice of writing nonfiction in a variety of modes. Writing integrated. Pre-requisites: ENGL-209 or a grade of 'B' or better in a 200-level creative writing course along with the instructor's permission.

**ENGL-310 DEVELOPMENT OF THE NOVEL 3.00 Credits**

Critical and historical approaches to the genre through examination of selected works from the eighteenth century to the present. Pre-requisite: ENGL-102 or ENGL-109.

**ENGL-311 CREATIVE WRITING:POETRY 3.00 Credits**

The study and practice of writing poetry. Writing integrated. Pre-requisites: ENGL-211 or a grade of 'B' or better in a 200-level creative writing course along with the instructor's permission.

**ENGL-312 CREATIVE WRITING:FICTION 3.00 Credits**

The study and practice of writing fiction. Writing integrated. Pre-requisites: ENGL-212 or a grade of 'B' or better in a 200-level creative writing course along with the instructor's permission.

**ENGL-315 INTERNSHIP IN PUBLISHING 4.00 Credits**

Student internships in publishing. They will take on leadership roles as part of a publishing team. Students will learn and work in the roles of publisher, editor, designer, typesetter, publicist, and distributor. Computer intensive. Students enrolled in this course will be engaged in the production of Talking River, a literary journal. Pre-requisite: ENGL-102 or ENGL-109.

**ENGL-320 SHAKESPEARE 3.00 Credits**

Introduction to selected major plays and sonnet sequences, with attention to the skills of close reading and analysis, historical significance and setting, and approaches to teaching and presentation. Texts include comedies, histories, tragedies, and sonnets. Pre-requisite: ENGL-102 or ENGL-109. Cross-listed with THEA-322.

**ENGL-325 SHAKESPEARE & FILM 2.00 Credits**

This course is a study of film adaptations of Shakespeare's plays, ranging from classics to contemporary projects. Approaches include comparative analysis, reception history, film and theatre history, critical theory, and close reading. Pre-requisite: ENGL-102 or ENGL-109. Cross-listed with THEA-325.

**ENGL-326 MODERNISM 3.00 Credits**

Study of the movements and innovations in American, British, and continental literature from roughly the 1890s until the Second World War. Representative writers include Crane, Conrad, Woolf, Joyce, Kafka, Yeats, Eliot, Frost, Pound, Ibsen, Beckett, Faulkner, Breton and those associated with the Harlem Renaissance. Writing integrated. Pre-requisite: ENGL-102 or ENGL-109.

**ENGL-330 WOMEN, GENDER, AND SEXUALITY IN LITERATURE 3.00 Credits**

Students will study and analyze literature (poetry, fiction, drama, philosophical prose) that explores issues related to women's role in society, gender identity, and sexual orientation across history and cultures. Students will read authors and theorists who represent diverse sexual and gender identities as we interrogate how these identities are socially and culturally constructed. The course will address topics such as historical gender roles; gender performativity; homosocial desire; homoeroticism; trans and genderqueer identities; queer theory and politics, and the intersections of race, class, gender and sexuality. Prerequisite of ENGL 102 or 109.

**ENGL-346 CONTEMPORARY LITERATURE 3.00 Credits**

A focused exploration of a contemporary literary topic, set of works, movement, theme, or approach. Includes attention to genres and voices not in the traditional mainstream of literary study. Pre-requisite: ENGL-102 or ENGL-109.

**ENGL-360 POETIC FORM 3.00 Credits**

A systematic study of the formal features of poetry in English, including prosody, meter, rhyme, sound, and music. Some emphasis on such received forms as the sonnet, ode, ballad, villanelle, and sestina. Writing integrated. Pre-requisite: ENGL-102 or ENGL-109.

**ENGL-361 TECHNIQUES OF CREATIVE NONFICTION 3.00 Credits**

Examines the art and craft of creative nonfiction from a writer's perspective. Students analyze and write various types of nonfiction, such as personal essay, memoir, literary journalism, lyric essay, flash nonfiction, experimental nonfiction, and nature and travel essay. The course will help students understand key concepts of the genre as well as hone their own writing skills through the study of story, structure, point of view, voice and style, character, scene, action, dialogue, theme, and research. Pre-requisite: ENGL-102 or ENGL-109.

**ENGL-362 TECHNIQUES OF FICTION 3.00 Credits**

Provides students with a working knowledge of the techniques of fiction and the movements of culture that evolved the various styles of literature (e.g. modernist, postmodernist, surrealist, and fabulist, amongst others). Students will learn terminology in order to engage in critical analysis of short stories. They will also emulate successful techniques employed by established contemporary authors in their own writing through directed exercises, flash fictions, and the work-shopping of a longer original piece. Pre-requisite: ENGL-102 or ENGL-109.

**ENGL-370 DRAMATIC LITERATURE 3.00 Credits**

Critical and historical approaches to drama as a genre. Includes close reading and discussion of several major plays and a survey of other plays, the Poetics of Aristotle, and selected manifestoes and critical theories. Typical plays to be analyzed are Oedipus Rex, Lysistrata, The Second Shepherds' Play, Othello, Tartuffe, The Rivals, Pygmalion, and Death of a Salesman. Writing integrated. Pre-requisite: ENGL-102 or ENGL-109. Cross-listed with THEA-370.

**ENGL-372 LITERARY THEORY 3.00 Credits**

Survey of advanced techniques of literary analysis. Explores the historical context and uses of literary criticism along with the development of major modern schools and theoretical approaches ranging from formalism and New Criticism to current trends in psychological criticism, cultural studies, gender studies, New Historicism, ecocriticism, and related debates. Writing integrated. Pre-requisite: ENGL-102 or ENGL-109.

**ENGL-381 TEACHING LITERATURE 3.00 Credits**

This course focuses on theoretical and practical approaches to teaching literature in secondary schools. Course topics include literature selection; assignments and activities to help students engage with, appreciate and analyze literature; collaborative learning; and assessment. Pre-requisite: ENGL-102 or ENGL-109.

**ENGL-385 JOURNAL & MANUSCRIPT EDITING 3.00 Credits**

Develops skills in matters of style, accuracy, balance, selection, makeup and layout, copy editing and proofing, and small-group communication in a working environment. Writing integrated; computer intensive. Students enrolled in this course will be engaged in the production of Talking River, a literary journal. Pre-requisite: ENGL-102 or ENGL-109.

**ENGL-386 TEACHING COMPOSITION 3.00 Credits**

This course is required for all English-Secondary Education majors and recommended for all students seeking to be eligible for employment in LCSC's Writing Center. The course introduces students to composition theory, assignment design and assessment, teaching grammar, and strategies for one-on-one writing conferences. Pre-requisite: ENGL-102 or ENGL-109.

**ENGL-390 DIRECTED STUDY IN ENGLISH 1.00-12.00 Credits****ENGL-391 WORKSHOP IN ENGLISH 1.00-12.00 Credits****ENGL-392 SPECIAL TOPICS IN ENGLISH 1.00-12.00 Credits****ENGL-394 INTERNSHIP IN ENGLISH 1.00-12.00 Credits****ENGL-395 PRACTICUM IN ENGLISH 1.00-12.00 Credits****ENGL-399 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****ENGL-403 ADVANCED SCREENWRITING 3.00 Credits**

Designed for students already familiar with proper screenwriting principles. Students read, analyze, and study the craft of writing for television and film. In a workshop environment, students develop an original idea from initial concept to completion of a full-length screenplay. Pre-requisite: ENGL-303 or COMM-302. Cross-listed with COMM-402.

**ENGL-405 MULTIMEDIA WRITING 3.00 Credits**

Designed to help develop professional writing skills and practice writing on a deadline. This course will provide instruction and practice in various genres of journalistic writing, including feature writing and sports journalism, among others. Will cover new media practices (social media and writing for the web) as well as traditional media writing. Pre-requisite: ENGL-102 or ENGL-109. Cross-listed with COMM-405.

**ENGL-406 ADVANCED PLAYWRITING 3.00 Credits**

Playwriting is dedicated to the dramatist's processes. Based on the work from THEA-306, students will continue to develop their skills by learning to write 1-act and full-length plays by writing plays and analyzing the plays of others. The primary goal of the course is to encourage students to write quickly, fluidly, and fearlessly. Students will write several plays, which will be revised over the course of the semester. The emphasis is on experimentation and process. Cross-listed with COMM-406 and THEA-406. Pre-requisite: THEA-306.

**ENGL-409 CREATIVE WRITING:NON-FICTION 3.00 Credits**

The study and practice of writing nonfiction in a variety of modes. Writing integrated. Pre-requisite: ENGL-309.

**ENGL-411 CREATIVE WRITING:POETRY 3.00 Credits**

The study and practice of writing poetry. Writing integrated. Pre-requisite: ENGL-311.

**ENGL-412 CREATIVE WRITING:FICTION 3.00 Credits**

The study and practice of writing fiction. Writing integrated. Pre-requisite: ENGL-312.

**ENGL-415 INTERNSHIP IN PUBLISHING 4.00 Credits**

Student internships in trade publishing. Students may supervise a single book project, performing functions of publisher, editor, designer, typesetter, publicist, and distributor. Repeatable up to eight credits. Computer intensive. Students enrolled in this course will be engaged in the production of Talking River, a literary journal. Pre-requisite: ENGL-102 or ENGL-109.

**ENGL-431 HISTORY & STRUCTURE/ENGLISH LANGUAGE 3.00 Credits**

Development from the Old English period to the present; phonology, morphology, and syntax; traditional grammar; structural linguistics. Pre-requisite: ENGL-102 or ENGL-109.

**ENGL-433 STUDIES IN MEDIEVAL LITERATURE 3.00 Credits**

Representative works and genres of medieval British literature from Beowulf to Chaucer. Pre-requisite: ENGL-102 or ENGL-109.

**ENGL-441 LINGUISTICS 3.00 Credits**

Basic concepts of linguistics, methods of analysis of language, theories of language acquisition; overview of linguistics and the role of language in society. Introduction to phonology, phonetics, morphology and syntax. Pre-requisite: ENGL-102 or ENGL-109.

**ENGL-450 CLASSICISM AND ROMANTICISM 3.00 Credits**

Works of British and European literature and philosophy of the period 1660-1830, typically including Pope, Swift, Voltaire, Goethe, Blake, Wordsworth, Shelley, and Byron, with reference to the ancient sources and continuing adaptations of the literary modes. Pre-requisite: ENGL-102 or ENGL-109.

**ENGL-451 RENAISSANCE LITERATURE 3.00 Credits**

Poetry and prose of the sixteenth and early seventeenth centuries, especially works by Wyatt, More, Sidney, Spenser, Marlowe, Shakespeare (poetry), Donne, Milton. Pre-requisite: ENGL-210.

**ENGL-452 ANCIENT LITERATURE 3.00 Credits**

Varying topics in literature from the earliest texts to the fall of Rome (c. 500 CE), such as the epic, Greek tragedy, and Greek, Roman, Middle Eastern, and Asian poetry and philosophy. Pre-requisite: ENGL-102 or ENGL-109.

**ENGL-460 NATIVE AMERICAN LITERATURE 4.00 Credits**

This course explores the oral and written literature of the Native People of North America. It examines the stories as literature in themselves, as well as analysis written about them. The class will focus about two-thirds on traditional stories (oral literature) and about one-third on forms such as plays, novels, and modern forms of drama. This class meets simultaneously with English 260 with an additional weekly 75-minute seminar. Pre-requisites: ENGL-101 and ENGL-102.



**ENGL-470 NINETEENTH CENTURY AMERICAN LITERATURE: ROMANTICISM AND REALISM 3.00 Credits**

The central developments in American literary history, 1820-1918, usually including works by Cooper, Hawthorne, Melville, James, Twain, Dreiser, and Cather. Addresses literary linkages between the period and what came before and after it in America and Europe. Pre-Requisite: ENGL-102 or ENGL-109.

**ENGL-473 NATIVE AMERICAN ORAL LITERATURE 3.00 Credits**

Exploration of the extensive Native American literature existing before the written tradition, as well as modern storytelling. Pre-requisite: ENGL-102 or ENGL-109.

**ENGL-474 NATIVE AMERICAN WRITTEN LITERATURE 3.00 Credits**

Representative works by Native Americans in the written tradition but typically incorporating characteristics of the oral tradition along with modern themes. Pre-requisite: ENGL-102 or ENGL-109.

**ENGL-475 WESTERN AMERICAN LITERATURE 3.00 Credits**

Representative twentieth-century writers of the American West. Pre-requisite: ENGL-102 or ENGL-109.

**ENGL-476 AFRICAN AMERICAN LITERATURE 3.00 Credits**

Provides foundations in the study of African American literature, beginning with early African literature and the Middle Passage, and then focusing on African American writing through the Romantic, Realist, Modernist, and contemporary periods in North America. Explores the legacy of slavery in the U.S. and the intersections of visual arts, music, and film with African American literary production in North America. Prerequisite of ENGL 102 or 109.

**ENGL-478 NINETEENTH-CENTURY BRITISH LITERATURE 3.00 Credits**

Representative works, conventions, and ideas of the century, with focus on Victorian literature, its roots in Romanticism, and its foreshadowing of Modernism. Incorporates a variety of critical approaches in an investigation of novels, critical essays, poetry, and drama by such authors as Austin, Bronte, Dickens, Eliot, Hardy, Thackeray, Trollope, Wilde, Arnold, Shaw, and Burke. Writing integrated. Pre-requisite: ENGL-102 or ENGL-109.

**ENGL-490 DIRECTED STUDY IN ENGLISH 1.00-12.00 Credits****ENGL-491 WORKSHOP IN ENGLISH 1.00-12.00 Credits****ENGL-492 SPECIAL TOPICS IN ENGLISH 1.00-12.00 Credits****ENGL-494 INTERNSHIP IN ENGLISH 1.00-12.00 Credits****ENGL-495 PRACTICUM IN ENGLISH 1.00-12.00 Credits****ENGL-497 PROFESSIONAL WRITING CAPSTONE 1.00 Credit**

This capstone course for the professional writing minor/certificate is to provide an opportunity for students to reflect on their writing progress, put their writing into context of the professional world, and develop a portfolio of their work. Pre-requisite: ENGL-308 plus 12 credits in the minor/certificate, with a minimum of 1 discipline-specific, writing-intensive course.

**ENGL-498 SENIOR PROJECT SEMINAR 2.00 Credits**

Required of all senior English majors; independent research undertaken with a faculty mentor. Working draft of 15-20 pages required. Approval of project required semester before enrollment. Writing integrated. Pre-requisite: ENGL-210.

**ENGL-499 SENIOR PROJECT: ORAL DEFENSE AND PRESENTATION 1.00-12.00 Credits**

Required of all senior English majors; students conclude their senior research project and present an oral defense to faculty and classmates. Completed written project of 20+ pages required. Writing integrated. Pre-requisite: ENGL-210 and ENGL-498.

## Forensic Science (FSCI)

### Courses

**FSCI-101 INTRODUCTION TO FORENSIC SCIENCE 4.00 Credits**

Introduces students to the field of forensic science. Will focus on different forms of physical evidence, including their collection, analysis and evidentiary value in a criminal investigation. The laboratory portion of the course will supplement the lecture and allow students to examine evidence using modern techniques and instrumentation. Topics discussed include organic and inorganic chemical analyses of physical evidence, principles of serology and DNA analysis, identification of fresh and decomposed human remains, ballistics, fingerprint analysis, facial reconstruction, drug analysis and forensic entomology. Pre-requisite: Level C or higher. Core math ready (excluding 153P and 123P) or core math complete. See Course Placement Chart for equivalent courses and test scores.

## Game Development (GAME)

**GAME-100 INTRODUCTION TO GAME DEVELOPMENT 3.00 Credits**

Course provides a hands-on comprehensive overview of roles within the video game development studio. Students will learn about the Scrum software development framework and how different roles interact with each other within an indie and AAA gaming studio. No prior programming experience is required.

**GAME-110 GAME HISTORY AND ANALYSIS 3.00 Credits**

This course explores the history of games and its effect on culture through a hands-on approach. Students will be exposed to a broad range of game styles played throughout history while creating their own version of a game from the same period.

**GAME-130 2D GAME DEVELOPMENT 3.00 Credits**

This course provides a primer for students to get started in creating 2D games. Topics include assets, coordinates, 2D Physics, prefabs, scripting, user interfaces, and simple AI. Prerequisites: CITPT-206.

**GAME-230 3D GAME DEVELOPMENT 3.00 Credits**

This course is for experienced programmers who wish to learn about 3D game development. Students will explore various advanced programming concepts through multiple projects. Topics will include prototyping, programming camera-relative movements, 3D physics, animator controllers, animation states, skyboxes, audio controllers, coroutines, and connecting your game to the internet. Prerequisites: GAME-130.

**GAME-250 INTRODUCTION TO GAME AI 3.00 Credits**

In this course students will explore strategies commonly used in the gaming industry to solve game AI problems. Topics will include state machines, behavior trees, sensory systems, pathfinding, trigger systems, rule-based systems, agent awareness, and adaptation. Prerequisites: GAME-130.

**GAME-280 GAME DEVELOPMENT PROJECT I 4.00 Credits**

This project is divided into two courses (GAME-280 and GAME-281) where students will work in groups to create a simple game or simulation. Topics will include iterative development techniques, source control, testing, debugging, team communication, and game documentation. Prerequisites: GAME-230.

**GAME-281 GAME DEVELOPMENT PROJECT II 4.00 Credits**

This project is divided into two courses (GAME-280 and GAME-281) where students will work in groups to create a simple game or simulation. Students will work towards completing their game by focusing on adding final elements to their game. Additional topics introduced may include team dynamics, task prioritization, and other development practices. Prerequisites: GAME-280.

**GAME-282 GAME DEVELOPMENT PROJECT III 4.00 Credits**

This project is dedicated to adding to a game previously worked on by the student or a team of students, for the purpose of improving current features and/or implementing new features to the game. Prerequisite: GAME-230.

**GAME-294 INTERNSHIP IN GAME DEVELOPMENT 12.00 Credits**

Internship in Game Development.

## General Business/BTS (GNBPT)

### Courses

**GNBPT-096 BASIC READING 3.00 Credits**

A one-semester, pre-program level course designed to enhance the reading skills of learners, and promote reading as the essential building block for future learning.

**GNBPT-097 BASIC ENGLISH 3.00 Credits**

Prepares students for success in other Business Technology & Service English classes. Test scores and/or recommendation of faculty will determine course placement. The primary focus will be on sentence structure.

**GNBPT-100 KEYBOARDING 1.00 Credit**

Build basic keyboarding and ten-key speed and accuracy using the proper techniques.

**GNBPT-101 BASIC ACCOUNTING 3.00 Credits**

This course is an introduction to accounting procedures for individual proprietorship businesses. Emphasis is on the accounting cycle, double-entry accounting, payroll, and procedures for handling transactions associated with both service and merchandising businesses. Students will practice proper accounting procedures manually and/or on spreadsheet software. It is also helpful to those who want to upgrade business skills for improved employability. Cross-listed with ACCPT-101.

**GNBPT-110 BUSINESS COMPUTER SKILLS 3.00 Credits**

Comprehensive computer course incorporating Windows, Word, Excel, Access, and PowerPoint using practical business and personal applications. Pre-requisite: Student must be able to type 28 wpm or take WRPPT-100.

**GNBPT-112 EXCEL 3.00 Credits**

This course is designed use advanced features of Excel and how they are used in business. Students will develop skills in advanced features, functions, and capabilities of Microsoft Excel as it is used in business. Pre-require: GNBPT-110.

**GNBPT-122 BUSINESS ENGLISH 3.00 Credits**

In this course, students will develop effective language usage with emphasis on correct grammar, punctuation, sentence structure, and the mechanics of writing business communication through the use of online office tools. Pre-requisite: Satisfactory placement score.

**GNBPT-185 BUSINESS COMMUNICATION 3.00 Credits**

Helps students become better writers of letters, memos, and other business documents. Includes principles of the English language, including correct grammar, spelling, punctuation, and word usage. Pre-requisite: ENGL-101 with a grade of C or better.

**GNBPT-190 DIRECTED STUDY IN GENERAL BUSINESS 1.00-6.00 Credits****GNBPT-191 WORKSHOP IN GENERAL BUSINESS 1.00-6.00 Credits****GNBPT-192 SPECIAL TOPICS IN GENERAL BUSINESS 1.00-6.00 Credits****GNBPT-194 INTERNSHIP IN GENERAL BUSINESS 1.00-12.00 Credits****GNBPT-194A INTERNSHIP IN GENERAL BUSINESS I 1.00-6.00 Credits**

Internship in General Business.

**GNBPT-194B INTERNSHIP IN GENERAL BUSINESS II 1.00-6.00 Credits**

Continuation of GNBPT 194A as a 100-level internship in General Business.

**GNBPT-194C INTERNSHIP IN GENERAL BUSINESS III 1.00-6.00 Credits**

Continuation of GNBPT 194B as an intermediate 100-level internship in General Business.

**GNBPT-194D INTERNSHIP IN GENERAL BUSINESS IV 1.00-6.00 Credits**

Continuation of GNBPT 194C as an intermediate to advanced 100-level internship in General Business.

**GNBPT-200 BUSINESS DOCUMENT PROCESSING 3.00 Credits**

In this course, students will develop proficiency using word processing software to create and format documents according to current business standards. Pre-requisite: Student must be able to type 28 wpm or take GNBPT-100.

**GNBPT-202 FINANCIAL BUSINESS APPLICATIONS 3.00 Credits**

Fundamental arithmetic processes applied to business activities including banking, equations, discounts, payroll, interest, notes, annuities, installment buying, depreciation, inventory, taxes, insurance, stocks, bonds, and business statistics. Pre-requisite: MATH-023, MATH-025, or MTHPT-103, with a grade of 'C' or better, or have satisfactory Math placement scores.

**GNBPT-210 BUSINESS PROFESSIONALS OF AMERICA 1.00-2.00 Credits**

Enhance professional development of students interested in careers in business. This student organization will focus on leadership skills, parliamentary procedure, interpersonal communication, and occupational skills. Students may participate in business-oriented community and campus projects along with state and national leadership conferences and competition. This course may be repeated for a maximum of 4 credits.

**GNBPT-214 DESKTOP PUBLISHING 3.00 Credits**

Teaches skills in page layout software to produce professional, high-quality documents containing text, graphics, and scanned images, using various publishing systems. Pre-requisite: GNBPT-110.

**GNBPT-222 BUSINESS EDITING 3.00 Credits**

Provides training in proofreading as well as realistic practice to apply skill. Increases abilities to spell, punctuate, and use words and numbers correctly. Pre-requisite: GNBPT-185.

**GNBPT-223 PROOFREADING FOR GRAPHIC DESIGN 3.00 Credits**

Provides training in proofreading in the graphic design and advertising field as well as realistic practice to apply skill. Increases abilities to spell, punctuate, and use words and numbers correctly.

**GNBPT-233 OFFICE PROCEDURES 3.00 Credits**

Teaches technical office skills (filing, telephone techniques, mailing procedures, etc.). Prepares students to project a professional image.

**GNBPT-235 ADMINISTRATIVE OFFICE MANAGEMENT 3.00 Credits**

This course is designed to give students the basic principles of office management including the areas of supervising and promoting office personnel, problem solving, decision making, communication, leadership, working in groups and teams.

**GNBPT-245 BUSINESS WRITING 3.00 Credits**

Development of skills in written communications, emphasis on writing business letters and reports. Pre-requisites: GNBPT-110, GNBPT-122, and two credits of GNBPT-200.

**GNBPT-290 DIRECTED STUDY IN GENERAL BUSINESS 1.00-6.00 Credits****GNBPT-291 WORKSHOP IN GENERAL BUSINESS 1.00-6.00 Credits****GNBPT-292 SPECIAL TOPICS IN GENERAL BUSINESS 1.00-6.00 Credits****GNBPT-294 INTERNSHIP IN GENERAL BUSINESS 1.00-12.00 Credits****GNBPT-294A INTERNSHIP IN GENERAL BUSINESS I 1.00-6.00 Credits**

Internship in General Business.

**GNBPT-294B INTERNSHIP IN GENERAL BUSINESS II 1.00-6.00 Credits**

Continuation of GNBPT 294A as a 200-level internship in General Business.

**GNBPT-294C INTERNSHIP IN GENERAL BUSINESS III 1.00-6.00 Credits**

Continuation of GNBPT 294B as an intermediate 200-level internship in General Business.

**GNBPT-294D INTERNSHIP IN GENERAL BUSINESS IV 1.00-6.00 Credits**

Continuation of GNBPT 294C as an intermediate to advanced 200-level internship in General Business.

**GNBPT-390 DIRECTED STUDY IN GENERAL BUSINESS 1.00-6.00 Credits****GNBPT-391 WORKSHOP IN GENERAL BUSINESS 1.00-6.00 Credits****GNBPT-392 SPECIAL TOPICS IN GENERAL BUSINESS 1.00-6.00 Credits****GNBPT-394 INTERNSHIP IN GENERAL BUSINESS 1.00-12.00 Credits****GNBPT-394A INTERNSHIP IN GENERAL BUSINESS I 1.00-6.00 Credits**

Internship in General Business.

**GNBPT-394B INTERNSHIP IN GENERAL BUSINESS II 1.00-6.00 Credits**

Continuation of GNBPT 394A as a 300-level internship in General Business.

**GNBPT-394C INTERNSHIP IN GENERAL BUSINESS III 1.00-6.00 Credits**

Continuation of GNBPT 394B as an intermediate 300-level internship in General Business.

**GNBPT-394D INTERNSHIP IN GENERAL BUSINESS IV 1.00-6.00 Credits**

Continuation of GNBPT 394C as an intermediate to advanced 300-level internship in General Business.

**GNBPT-490 DIRECTED STUDY IN GENERAL BUSINESS 1.00-6.00 Credits****GNBPT-491 WORKSHOP IN GENERAL BUSINESS 1.00-6.00 Credits****GNBPT-492 SPECIAL TOPICS IN GENERAL BUSINESS 1.00-6.00 Credits****GNBPT-494 INTERNSHIP IN GENERAL BUSINESS 1.00-12.00 Credits****GNBPT-494A INTERNSHIP IN GENERAL BUSINESS I 1.00-6.00 Credits**

Internship in General Business.

**GNBPT-494B INTERNSHIP IN GENERAL BUSINESS II 1.00-6.00 Credits**

Continuation of GNBPT 494A as a 400-level internship in General Business.

**GNBPT-494C INTERNSHIP IN GENERAL BUSINESS III 1.00-6.00 Credits**

Continuation of GNBPT 494B as an intermediate 400-level internship in General Business.

**GNBPT-494D INTERNSHIP IN GENERAL BUSINESS IV 1.00-6.00 Credits**

Continuation of GNBPT 494C as an intermediate to advanced 400-level internship in General Business.

## General Mechanics (GENMC)

### Courses

**GENMC-100 BASIC AUTOMOTIVE SYSTEMS 2.00 Credits**

Provides an overview of automotive system operations, maintenance, and basic repair procedures. Subjects discussed include time management, proper use of tools, use of sealants and lubricants, belts and hoses, starting and charging systems, braking and suspension systems, engine theory, transmissions, and comprehensive vehicle inspections.

**GENMC-102 ELECTRICAL 6.00 Credits**

Instruction covers basics of components and the technical aspects of repair and overhauling instrumentation, ignition, charging, and starting systems. Demonstration and hands-on experience to diagnose and repair automotive electrical systems and wiring diagrams will be covered in a laboratory environment. Components will be tested and repaired to manufacturers' specifications. Quality, cleanliness, and work attitude are stressed.

**GENMC-102A BASIC ELECTRICAL 3.00 Credits**

Basic electrical theory, wiring diagrams, test equipment, diagnosis, repair, replacement of electrical components, including battery, starting, charging, and lighting systems. Upon successful completion, the student should be able to properly use wiring diagrams and test equipment to diagnose, test, and repair wiring and lighting in accordance with Automotive Service Excellence (ASE) standards.

**GENMC-102B ADVANCED ELECTRICAL 3.00 Credits**

Instruction covers basics of components and the technical aspects of repair and overhauling instrumentation, ignition, charging, and starting systems. Demonstration and hands-on experience to diagnose and repair automotive electrical systems and wiring diagrams will be covered in a laboratory environment. Components will be tested and repaired to manufacturers' specifications. Quality, cleanliness, and work attitude are stressed. This is the applied portion of this course. Pre-requisite: GENMC-102A.

**GENMC-103 POWER TRAINS LECTURE AND LAB 6.00 Credits**

Study of various types of manual transmissions and transaxles, drivelines, clutches, flywheels, rear axles, and differentials found in modern automobiles and light trucks. Operation and repair of various components of power trains and their interrelationships provided.

**GENMC-105 ENGINES LECTURE AND LAB 6.00 Credits**

Study of principles and practical application in the repair and overhaul of the engine block, cylinder heads and valve train including camshaft, timing gears and chains, identification and replacement of defective parts, and operation of related machine tools. Technical materials are related to components used in engine blocks, cylinder heads, valve trains or similar mechanized applications.

**GENMC-105A BASIC ENGINES 3.00 Credits**

Theory, construction, inspection, diagnosis, and repair of internal combustion engines and related systems. Topics include fundamental operating principles of engines and diagnosis, inspection, adjustment, and repair of automotive engines using appropriate service information. Upon successful completion, student should be able to perform basic diagnosis, measurement and repair of automotive engines using appropriate tools, equipment, procedures and service information in accordance with Automotive Service Excellence (ASE) standards.

**GENMC-105B ADVANCED ENGINES 3.00 Credits**

Study of principles and practical application in the repair and overhaul of the engine block, cylinder heads and valve train including camshaft, timing gears and chains, identification and replacement of defective parts, and operation of related machine tools. Technical materials are related to components used in engine blocks, cylinder heads, valve trains or similar mechanized applications. This is the applied portion of the course. Pre-requisite: GENMC-105A.

**GENMC-115 CHASSIS, SUSPENSION, AND BRAKES LEC/LAB 6.00 Credits**

Chassis, suspension alignment and repair, theory and service of power and manual steering gears, wheel and tire diagnosis and balance, and all types of brakes and controls found in the modern automobile and light truck. Shop experience in suspension and steering adjustment, repair and alignment, power steering service, tire and wheel balancing, brakes and controls, and the care and use of related tools, instruments and equipment. Other shop projects may be assigned to fit individual needs.

**GENMC-126 SAFETY 2.00 Credits**

General principles are needed to foster a safe attitude and work environment. Topics covered include hazardous materials, safe use of equipment and tools, an introduction to the occupation, and health and safety concerns in the work place. Students are required to take first aid and CPR training.

**GENMC-190 DIRECTED STUDY IN GENERAL MECHANICS 1.00-12.00 Credits**

Individual instruction and self-study established to meet specific training objectives. May be repeated. Credits earned may not be directly applicable to degree or certificate.

**GENMC-194A INTERNSHIP IN ENGINE 1.00-6.00 Credits**

Advanced on-the-job training in engines. Program coordinator works with the employer to establish and maintain training goals.

**GENMC-194B INTERNSHIP IN POWER TRAINS 1.00-6.00 Credits**

Continuation of GENMC 194A. Advanced on-the-job training in power trains. Coordinator works with the employer to establish and maintain training goals.

**GENMC-194C INTERNSHIP IN CHASSIS SYSTEMS AND BRAKES 1.00-6.00 Credits**

Continuation of GENMC 194B. Advanced on-the-job training in auto mechanics in chassis/suspension and brakes. Coordinator works with the employer to establish and maintain training goals.

## General Technology (GENTC)

### Courses

**GENMC-133 APPLIED PRINCIPLES OF TECHNOLOGY 3.00 Credits**

An introductory course in general physics, emphasizing technical and workplace applications. Explores the principles of force, work, rate and resistance in the four energy systems. Pre-requisite: MTHPT-103 or MTHPT-137.

## Geographic Information Science (GIS)

### Courses

**GIS-271 GEOGRAPHIC INFORMATION SYSTEMS 4.00 Credits**

This course will review fundamentals of the Geographic Information Systems; its basic applications and procedures and survey approaches to the use of GIS through problem solving. Two hours of lecture and a two hour laboratory per week. Pre-requisite: Computer literacy in use of PC systems of database management, spreadsheet analysis and a graphical software package. Lab fee.

**GIS-295 PRACTICUM IN GEOGRAPHIC INFORMATION SYSTEMS 1.00-12.00 Credits****GIS-390 DIRECTED STUDY IN GEOGRAPHIC INFORMATION SYSTEMS 1.00-12.00 Credits****GIS-394 INTERNSHIP IN GEOGRAPHIC INFORMATION SYSTEMS 1.00-12.00 Credits****GIS-395 PRACTICUM IN GEOGRAPHIC INFORMATION SYSTEMS 1.00-12.00 Credits****GIS-471 ADVANCED GEOGRAPHIC INFORMATION SCIENCE 4.00 Credits**

An advanced Geographic Information Science course with emphasis on development of a semester long, real-world GIS project using state-of-the-art tools and techniques. Additional emphasis will also be placed on project management including goal setting, timelines and production scheduling. Lecture and laboratory. Pre-requisite: A grade of 'C' or better in GIS-271.

**GIS-481 DIGITAL REMOTE SENSING 4.00 Credits**

Computer processing, analysis and interpretation of digital remote sensing data with an emphasis on application of remotely sensed imagery to the analysis of environmental quality and management of natural resources. Pre-requisite: A grade of 'C' or better in GIS-271.

**GIS-490 DIRECTED STUDY IN GEOGRAPHIC INFORMATION SYSTEMS 1.00-12.00 Credits****GIS-494 INTERNSHIP IN GEOGRAPHIC INFORMATION SYSTEMS 1.00-12.00 Credits****GIS-495 PRACTICUM IN GEOGRAPHIC INFORMATION SYSTEMS 1.00-2.00 Credits****GIS-499 SENIOR PROJECT AND SEMINAR IN GEOGRAPHIC INFORMATION SYSTEMS 1.00-3.00 Credits**

Students will conduct and communicate the results of a research project in the Natural Sciences Division. Topics may include the historical, philosophical, cultural and environmental aspects, and the processes of natural science. Requirements of students include satisfactory oral presentation and defense of their research and submission of a written report approved by their advisor to the Natural Sciences Division. Prerequisite: NS-398.

## Geography (GEOG)

### Courses

**GEOG-102 INTRODUCTION TO GEOGRAPHY 3.00 Credits**

This course uses the world-regional approach. That is, it is designed to offer students an introduction to the study of the interconnections among places and humans in the context of continuous change. It links geography to related physical sciences and social sciences.

**GEOG-380 CULTURE AND ENVIRONMENT 3.00 Credits**

Humans have always altered their environment, but in the last fifty years we have witnessed and experienced global environmental changes with no precedent in human history. Anthropology and Geography provide unique lenses from which to analyze the diversity of approaches to understanding and responding to environmental issues. This course provides an introduction to perspectives on human interaction with the environment and emphasizes the mutual interconnectedness of people and nature. How have humans shaped the environment over time and how has the environment shaped human societies? From a holistic and cross-cultural perspective we can investigate the cultural variation and ingenuity in human adaptive strategies around the globe; improving our understanding of contemporary environmental problems and their solutions. Cross-listed with ANTH-380.

**GEOG-465 GLOBALIZATION, GEOGRAPHY, AND THE STATE 3.00 Credits**

Through this course students will gain an understanding of the political, social, cultural, economic, technological, and environmental aspects of globalization. The emphasis is on the implications of the conception and power of the state and the role spatial processes play in globalization and development. Cross-listed with POLS-465. Pre-requisite: ENGL-102 or ENGL-109, or permission of instructor.

## Geology (GEOL)

### Courses

**GEOL-101 PHYSICAL GEOLOGY 4.00 Credits**

Introduction to basic concepts of geology in the context of geologic hazards and geologic resources. Topics covered include: global circulation of water and air, rocks and minerals, plate tectonics, geologic time, deductive reasoning from sparse evidence. Geologic and topographic map reading skills are taught and emphasized, using examples from the local area. Lecture and laboratory. Pre-requisite: Level C or higher. Core math ready (excluding 153P and 123P) or core math complete. See Course Placement Chart for equivalent courses and test scores.

**GEOL-120 INTRODUCTION TO EARTH SYSTEMS 4.00 Credits**

This course will examine the formation of planet Earth, its structure, atmosphere, hydrosphere and biosphere. We will learn about the climate and how the various systems interact with each other. Human impacts on the atmosphere and climate will also be discussed from a scientific perspective. Three hours of lecture and 3 hours of laboratory time per week.

**GEOL-190 DIRECTED STUDY IN GEOLOGY 1.00-12.00 Credits****GEOL-202 HISTORICAL GEOLOGY 4.00 Credits**

Emphasis on geologic time; no other discipline offers such a long time perspective relevant to modern decision-making. Includes: review of basic Earth materials; plate-tectonic framework for interpreting Earth history; absolute dating techniques and the age of the Earth's formation; depositional environments and interpretation of sedimentary rocks as a tool of paleogeography; lithostratigraphic principles and relative dating by Steno's laws and cross-cutting relationships; basic principles of paleontology, including overview of taxonomy, processes of fossilization, evolutionary principles, biostratigraphic principles; systematic examination of tectonic setting, paleogeography, paleobiology, and paleoclimate for each period of Earth's history. Lecture and laboratory. Pre-requisite: A grade of 'C' or better in GEOL-101.

**GEOL-290 DIRECTED STUDY IN GEOLOGY 1.00-12.00 Credits**

Additional library and/or field research by individuals based on student/faculty interests. This course can provide a mechanism for students to participate in faculty research projects for academic credit. Pre-requisite: Permission of instructor.



**GEOL-291 WORKSHOP IN GEOLOGY 1.00-12.00 Credits****GEOL-292 SPECIAL TOPICS IN GEOLOGY 1.00-12.00 Credits****GEOL-295 PRACTICUM IN GEOLOGY 1.00-2.00 Credits****GEOL-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****GEOL-301 GEOLOGIC FIELD METHODS 1.00-6.00 Credits**

Six-week course in the field. Principles of geologic mapping in igneous, sedimentary and metamorphic terranes using examples from Hells Canyon. Pre-requisite: Permission of instructor. Lab fee.

**GEOL-309 HYDROGEOLOGY 4.00 Credits**

Fundamentals of surface and groundwater movement in a geologic context. Includes hydrologic, geologic, and other factors controlling groundwater flow, occurrence, development, chemistry, and contamination. Groundwater flow theory and aquifer test methods are introduced. Interactions between surface and subsurface hydrologic systems are covered. Some field trips are possible. Introduction to aquifer pumping tests, aquifer analysis, watershed analysis, and water budgets. Field methods are emphasized through consideration of local examples. Lecture and laboratory. Pre-requisite: A grade of 'C' or better in GEOL-101.

**GEOL-313 EARTH MATERIALS I 4.00 Credits**

The study of naturally occurring, inorganic crystalline solids with definite chemical structures which give them unique physical properties (minerals). It is an important curricular component for both (1) Geology majors who intend to pursue careers in the Earth Sciences as well as (2) students preparing for teaching careers who expect to teach Earth Science classes at the junior high or secondary level. The study of minerals has ancient roots and was associated with the development of geology, chemistry, and physics. Therefore, this course integrates many of these fields of study. This course introduces mineral chemistry, symmetry and classification; provides basic geologic skills in descriptive mineralogy, including space groups and the use of stereo nets; hand-sample petrography of igneous, metamorphic and sedimentary rocks; and elementary optical methods. Pre-requisite: A grade of 'C' or better in GEOL-101.

**GEOL-314 EARTH MATERIALS II 4.00 Credits**

Introduction of descriptive igneous, sedimentary and metamorphic petrography; plate-tectonic framework for interpreting petrogenesis; phase equilibria and basic geochemistry of magmatic systems; geochemistry of weathering and soil formation; pressure-temperature-time relationships of metamorphic facies; and economic geology, including ore mineralogy and resource extraction. Labs emphasize microscopic identification of minerals and textures, and the formulation of petrogenetic interpretations. Lecture and laboratory. Pre-requisite: A grade of 'C' or better in GEOL-313.

**GEOL-335 EARTH SURFACE PROCESSES 4.00 Credits**

This course examines the evolution of natural landscapes by water, wind, ice and tectonic processes. Topics include: weathering and mass wasting, neotectonics, fluvial geomorphology, glacial geomorphology, and Quaternary geology field techniques. Approximately one third of instructional time is spent in the field. Lecture and laboratory. Pre-requisite: A grade of 'C' or better in GEOL-101.

**GEOL-390 DIRECTED STUDY IN GEOLOGY 1.00-12.00 Credits****GEOL-392 SPECIAL TOPICS IN GEOLOGY 1.00-12.00 Credits****GEOL-393 SERVICE LEARNING IN GEOLOGY 1.00-12.00 Credits**

SERVICE LEARNING IN GEOLOGY.

**GEOL-394 INTERNSHIP IN GEOLOGY 1.00-12.00 Credits****GEOL-395 PRACTICUM IN GEOLOGY 1.00-12.00 Credits****GEOL-399 RESEARCH ASSISTANTSHIP 1.00-3.00 Credits****GEOL-420 PRINCIPLES OF GEOCHEMISTRY 3.00 Credits**

This 400-level course is designed to draw together the themes and topics from other courses in the Earth Science major into an integrated picture of Earth and its interrelated systems, as well as applying chemistry to these systems. The focal discussion will be on the interactions between the atmosphere, hydrosphere, biosphere and lithosphere and current topics of interest related to them. Of particular interest are scientific problems involving Earth's systems such as coral bleaching, climate change, and water pollution. Pre-requisite: CHEM-112 with a grade of C or better. Crosslisted with CHEM-420.

**GEOL-421 STRUCTURAL GEOLOGY 4.00 Credits**

Emphasizes 3-dimensional thinking; no other scientific discipline requires the same spatial thinking skills that geology does. This class covers classical and modern concepts of structural geology including: the recognition and description of folds, faults, joints, and metamorphic fabrics in rocks; description and interpretation of stress and strain from these structures; preparation and interpretation of geologic maps and cross-sections. Lecture and laboratory. Pre-requisites: a grade of 'C' or better in GEOL-101.

**GEOL-450 EARTH SYSTEMS CAPSTONE 3.00 Credits**

This course is designed to draw together the themes and topics from other courses in the Earth Science major into an integrated picture of Earth and its interrelated systems. The focal discussion will be on the interactions between the major systems and current topics of interest related to them. Of particular interest are scientific problems involving Earth's systems that are, as of yet, unresolved. Pre-requisite: GEOL-120 and NS-380.

**GEOL-490 DIRECTED STUDY IN GEOLOGY 1.00-12.00 Credits****GEOL-491 WORKSHOP IN GEOLOGY 1.00-12.00 Credits****GEOL-492 SPECIAL TOPICS IN GEOLOGY 1.00-12.00 Credits****GEOL-495 PRACTICUM IN GEOLOGY 1.00-12.00 Credits****GEOL-499 RESEARCH PROJECT AND SEMINAR IN GEOLOGY 1.00-3.00 Credits**

Students will conduct and communicate the results of a research project in the Natural Sciences Division. Topics may include the historical, philosophical, cultural and environmental aspects, and the processes of natural science. Requirements of students include satisfactory oral presentation and defense of their research and submission of a written report approved by their advisor to the Natural Sciences Division. Prerequisite: NS-398.

## Health (HLTH)

### Courses

**HLTH-101 INTRODUCTION TO HEALTH PROFESSIONS 1.00 Credit**

This course is for students interested in prospective health professions. It will explore the various health-related programs at LCSC and develop successful study habits for science-related curriculum.

**HLTH-215 ELEMENTARY HEALTH SCIENCE/METHODS 3.00 Credits**

A course for teachers. Topics include wellness, fitness, nutrition, weight control, human sexuality, disease prevention, substance use and abuse, injury prevention and emergency care, environmental health, consumerism, mental and emotional wellness. Writing integrated. Fee required.

**HLTH-245 DEATH AND DYING 1.00 Credit**

Trends and patterns in death and dying including cross-cultural and historical perspectives, death in popular culture, demography of death, grief and bereavement, dying patient's perspectives and ethical dilemmas.

**HLTH-246 HUMAN SEXUALITY 1.00 Credit**

An overview of biological, behavioral and cultural aspects of human sexuality including study of gender, sexually transmitted diseases, pregnancy and sexual dysfunction.

**HLTH-247 STRESS MANAGEMENT 1.00 Credit**

Reviews the physical, social and psychological aspects of the human stress response. Provides students with an increased personal awareness of their own stress and a practical application of relaxation and stress reduction techniques.

**HLTH-248 BEHAVIOR CHANGE 1.00 Credit**

This course provides a comprehensive overview of behavior change as it relates to public and personal health. The course includes content on lifestyle change and prevention and chronic disease management, with a focus on specific behaviors (i.e. diet and nutrition, tobacco use) and chronic illness (i.e. diabetes, heart disease). This course will introduce students to the various theoretical models of health behavior change and how they relate to both individuals and diverse communities. Barriers and facilitators of lifestyle change and disease management will be covered, as well as the psychosocial predictors of behavior. Health related behavior change strategies including, but not limited to, topics such as physical activity, nutrition, stress reduction, tobacco cessation and obesity will all be addressed. The course will also include an introduction to the science behind multiple-risk behavior change and other future directions of the emerging field of health behavior change.

**HLTH-253 NUTRITION 3.00 Credits**

Principles of life span nutrition. Includes study of nutritional needs during exercise and the influence social, economical, and ethnic factors play in dietary habits and attitudes. Pre-requisite: ENGL-101 or appropriate placement score and MATH-025 or appropriate placement score.

**HLTH-272 FITNESS AND WELLNESS 3.00 Credits**

Provides students with skills and knowledge to practice health-enhancing behaviors and reduce health risks to themselves and others. Focuses on holistic health, exercise, nutrition, substance use and abuse, stress management, posture, care of the back and neck, prevention of cancer and sexually transmitted diseases. Students will use goal-setting and decision-making skills that enhance health. Lecture and participation in physical activity. Cross-listed with KIN-272.

**HLTH-290 DIRECTED STUDY IN HEALTH 1.00-12.00 Credits****HLTH-291 WORKSHOP IN HEALTH 1.00-12.00 Credits****HLTH-292 SPECIAL TOPICS IN HEALTH 1.00-12.00 Credits****HLTH-295 PRACTICUM IN HEALTH 1.00-12.00 Credits****HLTH-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****HLTH-342 COMMUNITY HEALTH 3.00 Credits**

An overview of health in world communities. Topics include diseases, environmental health, consumer health, school and workplace health, public health policy, global organizations and issues. Students will learn how to access valid health-enhancing products and services.



**HLTH-343 SPORT NUTRITION 3.00 Credits**

Nutritional parameters of athletic and fitness performance covered will include intervention planning, energy production, the energy nutrients, vitamins and minerals, principles of balanced diets, timing and composition of intakes, hydration, weight management strategies, and nutritional needs for special situations. Pre-requisite: HLTH-253.

**HLTH-352 TECHNOLOGIES FOR HEALTH AND WELLNESS PROFESSIONALS 3.00 Credits**

Strategies and skills for the development, utilization and evaluation of instructional media for program administration, health promotion and teaching in health clubs, corporations, youth organizations, public health, and schools. Fee required.

**HLTH-354 ADDICTION AND PERFORMANCE 2.00 Credits**

Drug use and abuse is perhaps the biggest challenge facing sport today. However, in the eye of the storm of public and press opinion and with medals and morals at stake, it can be difficult to gain a clear perspective on this complex issue. This course will explore the hard science behind drug use in sport as well as the ethical, social, political and administrative context. Key topics include: Mode of action and side effects of each major class of drugs used in sport Cutting edge issues such as gene doping and athlete biological passports Latest doping control regulations of the WADA Issues surrounding non-prohibited substances and ergogenic aids in supplements Assessment of the prevalence of drug taking in sport.

**HLTH-390 DIRECTED STUDY IN HEALTH 1.00-12.00 Credits****HLTH-391 WORKSHOP IN HEALTH 1.00-12.00 Credits****HLTH-392 SPECIAL TOPICS IN HEALTH 1.00-12.00 Credits****HLTH-395 PRACTICUM IN HEALTH 1.00-12.00 Credits****HLTH-399 RESEARCH ASSISTANSHIP 1.00-12.00 Credits**

Graded P/F only.

**HLTH-453 HEALTH PROMOTION 3.00 Credits**

This course covers the design, implementation and evaluation of personal, worksite, school and community health promotion programs with a focus on social health marketing. The course explores methods used in both health promotion and health education that is purposely designed to guide individuals and groups toward a healthier lifestyle. Health Promotion will introduce students on the methods and strategies needed to facilitate support groups, select presentation methods, develop effective presentations, develop and select print materials and how to work with media at both the individual and community level. This course will also teach students how to develop the professionalism skills needed today to be a successful health educator or health promotion specialist. At the conclusion of this course students will be able to effectively communicate health education messages and positively influence the norms and behaviors of both individuals and communities in todays multicultural society.

**HLTH-454 WELLNESS COACHING 2.00 Credits**

In this course, students will learn to implement theory-based Wellness Coaching strategies to promote and motivate positive psychology and behavior changes that can be used by corporations, clinicians, worksite settings and personal Coaches. Skills learned in this course are versatile and can be used by counselors or individuals interested in life, health, fitness or wellness coaching.

**HLTH-490 DIRECTED STUDY IN HEALTH 1.00-12.00 Credits****HLTH-491 WORKSHOP IN HEALTH 1.00-12.00 Credits****HLTH-492 SPECIAL TOPICS IN HEALTH 1.00-12.00 Credits****HLTH-494 INTERNSHIP IN HEALTH 1.00-12.00 Credits**

Application of advanced coursework, skills and knowledge to a supervised, practical experience in Kinesiology, Sports Administration, Coaching, Physical Education, Sports Medicine, Physical/Occupational Therapy, Fitness and Wellness. Pre-requisite: Instructor's permission.

**HLTH-495 PRACTICUM IN HEALTH 1.00-12.00 Credits****HLTH-499 RESEARCH PROJECT AND SEMINAR IN HEALTH 1.00-12.00 Credits**

## Heating, Air Conditioning, Appliance Tech (HVAC)

### Courses

**HVAC-100 HVAC THEORY IA 3.00 Credits**

This class provide apprentices an introduction to the basics of HVAC. Subject matter includes basic math; basic safety; hand tools; power tools; fuel gas piping and venting; Idaho code/administrative rules; International Mechanical Code; energy sources; basic systems; HVAC/R applied science; and customer service. See attached curriculum outline for specific details and objectives.

**HVAC-101 HVAC THEORY IB 3.00 Credits**

This class (continued from semester one) provide apprentices an introduction to the basics of HVAC. Pre-requisite: HVAC 100.

**HVAC-102 HVAC THEORY IIA 3.00 Credits**

Year two subject matter includes appliance installation; blueprints/specifications; basic electricity; indoor air quality; and residential load calculation.

**HVAC-103 HVAC THEORY IIB 3.00 Credits**

This class is a continuation from HVAC-102 Theory IIA. Pre-requisite: HVAC-102.

**HVAC-104 HVAC YEAR I 10.00 Credits**

This practicum consists of 2000 hours of on the job training with an HVAC journeyman. Students take the knowledge learned in the didactic content, and apply it through actual field experience(s).

**HVAC-105 HVAC YEAR II 10.00 Credits**

This practicum consists of 2000 hours of on the job training with an HVAC journeyman. Students take the knowledge learned in the didactic content from Years 1 - 2, and apply it through actual field experience(s).

**HVAC-200 HVAC THEORY IIIA 3.00 Credits**

Year three subject matter includes basic controls; system air flow and duct sizing; basic air conditioning and refrigeration; introduction to Hydronics; basic sheet metal; and introduction to service.

**HVAC-201 HVAC THEORY IIIB 3.00 Credits**

This class is a continuation from HVAC-200 Theory IIIA. Pre-requisite: HVAC-200.

**HVAC-202 HVAC THEORY IVA 3.00 Credits**

Year four subject matter includes introduction to testing and balancing; introduction to HVAC control strategies; advanced air conditioning and heat pump systems; advanced service; system integration and design; International Fuel Gas Code; International Mechanical Code; National Electrical Code; and project management. See attached curriculum outline for specific details and objectives.

**HVAC-203 HVAC THEORY IVB 3.00 Credits**

This class is a continuation from HVAC 202 Theory IVA. pre-requisite: HVAC-202.

**HVAC-204 HVAC YEAR III 10.00 Credits**

This practicum consists of 2000 hours of on the job training with an HVAC journeyman. Students take the knowledge learned in the didactic content from Years 1 - 3, and apply it through actual field experience(s).

**HVAC-205 HVAC YEAR IV 10.00 Credits**

This practicum consists of 2000 hours of on the job training with an HVAC journeyman. Students take the knowledge learned in the didactic content from Years 1 - 4, and apply it through actual field experience(s).

## Heating, Venting, Air Conditioning, Refrigeration (HVACR)

### courses

**HVACR-115 BASIC ELECTRICITY 5.00 Credits**

The student will learn basic electricity principles including how to measure voltage, current, resistance, and wattage. Troubleshooting various types of motors (single-phase and three phase) along with capacitance and inductance measures will be taught. Further, the course will explain how various controls are used in HVAC-R and other maintenance fields as well as their applications. Shaft alignment and various motor mounting is taught. Cross-listed with IMMTI-115.

**HVACR-120 HVAC PRINCIPLES 5.00 Credits**

Teaches the proper handling procedures of refrigerants, brazing techniques, the evacuation and charging processes, the proper usage of tools specific to this trade, installation requirements, heat transfer, and familiarizes the student with a typical refrigeration cycle. Plastic, copper, and steel tubing as well as piping usage are taught. Students learn how to work with others on team building exercises.

**HVACR-130 TRADE SKILLS 5.00 Credits**

Introduces skills needed in construction/manufacturing/industrial trades. Subjects include blueprint reading, construction documents, hand tools, fasteners/anchors, construction equipment, safety, resume building, teamwork, leadership, and trade accounting. Cross-listed with IMMTI-130.

**HVACR-140 MECHANICAL SYSTEMS MAINTENANCE 5.00 Credits**

Emphasis on skills needed for millwrights and maintenance personal including proper bearing installation, lubrication methods, alignment of motor and other equipment installation needs, pneumatic and hydraulic systems, and seal installation will be included. Pumps and compressor maintenance and control devices are taught. Proper rigging procedures for lifting heavy and awkward equipment will be emphasized. Cross-listed with IMMTI-140.

**HVACR-225 REFRIGERATION THEORY 5.00 Credits**

Study of the operation and service of commercial refrigeration systems to include evaporators, condensers, compressors, and metering devices. Defrost systems and commercial ice making are also covered. Electrical control systems, pressure control systems, and other devices specific to refrigeration systems will be taught. The course will also prepare students to take the ESCO Refrigerant Certification for handling all refrigerants as required by the EPA.

**HVACR-230 ADVANCED HVACR CONTROLS 5.00 Credits**

Understanding a sequence of operations and enhancing skills to troubleshoot electrical circuits. Introduction to programmable logic controllers (PLC's) and building automation systems as used in the HVACR industry, along with pneumatic system and integration strategies.

**HVACR-235 A/C SYSTEM DESIGN AND INSTALLATION 6.00 Credits**

Service and operation of air conditioning systems to include evaporators, condensers, compressors, and metering devices. Air distribution and comfort/psychometrics will be taught. All-weather systems will be worked on including heat pumps. Defrost systems will also be taught. Requirements to prepare students for the low voltage certification as required by Washington State will also be covered.

**HVACR-240 DUCT FABRICATION 2.00 Credits**

Duct design, selection and fabrication of materials to create duct systems for proper air delivery. Students will learn to size systems for various installation needs.

**HVACR-250 GAS CODE REVIEW 2.00 Credits**

The study and understanding of properly installing and sizing venting systems as well as pipe sizing for correct combustion for gas heating appliances. This 60-hour course uses the International Fuel Gas Code to prepare students for the Idaho HVAC Journeyman License. This course relates subject matter taught in HVACR-255 Heating Systems.

**HVACR-255 HEATING SYSTEMS 6.00 Credits**

Learn basic operation and service of heating systems to include electric, gas, oil, hydronic, solar, and heat pump systems. Study of the controls used in these systems and troubleshooting techniques will be taught as well as venting and piping requirements as used on these products.

**HVACR-260 MECHANICAL AND ELECTRICAL CODE REVIEW 2.00 Credits**

Capstone course preparing students for the Idaho HVAC Journeyman License. The study of the International Mechanical Code to familiarize the student with subject matter taught in HVACR-120 HVACR Principles. In addition, the National Electrical Code (NEC) along with revisiting HVACR-115 Basic Electricity, will be used to prepare students for the Washington 06a Low-Voltage certification.

**HVACR-265 HYDRONIC SYSTEMS 2.00 Credits**

Provides basic knowledge of water heating systems to include gas, and electric hot water heaters as well as gas and oil hydronic heating systems. The student will learn basic operation and service of water heating systems, study controls used in these systems, trouble-shooting techniques, and determine venting/piping requirements as used on these products. Chillers are also discussed as well as the pumps used for circulation.

**HVACR-290 DS:HEAT/VENT/AC/REF TECH 1.00-8.00 Credits**

Directed Study in Heating, Venting, Air Conditioning and Refrigeration.

**HVACR-294 INTERNSHIP 2.00-8.00 Credits**

This is a capstone course. The student will relate on the job experience to the material covered in Trade Skills. This will include communication skills, research skills, critical thinking, team building, and leadership. This will be a blended course in which the student will need to access, participate and complete tasks through an online forum. Cross-listed with IMMTI-294.

**HVACR-390 DS:HEAT/VENT/AC/REF TECH 12.00 Credits**

Directed Study in Heating, Venting, Air Conditioning and Refrigeration.

**HVACR-394 IN:HEAT/VENT/AC/REF TECH 1.00-12.00 Credits**

This is a capstone course. The student will relate on the job experience to the material covered in HVACR-130: Trade Skills. This will include communication skills, research skills, critical thinking, team building, and leadership. This will be a blended course in which the student will need to access, participate and complete tasks through an online forum. Cross-listed with IMMTI-294.

## History (HIST)

### Courses

**HIST-101 WORLD HISTORY I 3.00 Credits**

Surveys the development of society from Paleolithic era to the Reformation. Focuses on several facets of selected cultures, such as the evolution of civilizations, religion and philosophy, rhetorical tradition, and the unfolding of world commerce.

**HIST-102 WORLD HISTORY II 3.00 Credits**

Advent of the political and economic revolutions of the eighteenth and nineteenth centuries. Consequences of war, extension of economic, political, and social relationships beyond national borders. Identifies and expounds four themes: Development of Western World; Emergence of World System; Revolution and Ideology; War and Peace in the Twentieth Century.

**HIST-111 UNITED STATES HISTORY I 3.00 Credits**

A survey of U.S. political, diplomatic, economic, social, and cultural history through the end of the Civil War. The class is designed to illustrate that the past is distinct from the present (the "past is a foreign country") yet provides a context for understanding our own time.

**HIST-112 UNITED STATES HISTORY II 3.00 Credits**

A survey of U.S. political, diplomatic, economic, social, and cultural history from 1865 to the present. The class is designed to illustrate that the past is distinct from the present (the "past is a foreign country") yet provides a context for understanding our own time.

**HIST-115 TRANSNATIONAL AMERICAN HISTORY 6.00 Credits**

This six-credit course combines the material from the two U.S. history surveys (HIST 111 and HIST 112) as well as elements of the second half of the World history survey (HIST 102) into a single course and examines that history in a "transnational" fashion. That is, it looks at American history in a global context. In some cases, that means events in America at certain times paralleled events in other places. In other instances, the course will look at how events in American history were shaped by broader international developments and vice versa. Pre-requisite: Sophomore status or higher; or permission of instructor.

**HIST-190 DIRECTED STUDY IN HISTORY 1.00-3.00 Credits****HIST-200 KEYS TO HISTORICAL RESEARCH 3.00 Credits**

Historiography is the history of history. This course centers on concepts and methods of history and those individuals who most contributed to historical thought. The role of the historian will be studied through the lives and methods of some of the foremost in the field.

**HIST-240 NATIVE AMERICAN HISTORY 3.00 Credits**

An examination of Native Americans' distinctive histories, cultures, and relations with non-Indian peoples and states. The course will include discussion of how the Native American past continues to influence Native and non-Native people in the present. Pre-requisite: ENGL-101.

**HIST-290 DIRECTED STUDY IN HISTORY 1.00-3.00 Credits****HIST-291 WORKSHOP IN HISTORY 1.00-3.00 Credits****HIST-292 SPECIAL TOPICS IN HISTORY 1.00-3.00 Credits****HIST-295 PRACTICUM IN HISTORY 1.00-12.00 Credits****HIST-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****HIST-300 INTRODUCTION TO PUBLIC HISTORY HISTORY 3.00 Credits**

An overview of Public History that analyzes the applied use of history in areas such as archives, consulting, museum studies, government agencies, litigation support, and historic preservation. Through projects, readings in professional journals, field trips, and guest speakers, students learn about various aspects of Public History. The course will also emphasize the many career opportunities for historians outside of teaching. Pre-requisite: ENGL-102 or ENGL-109 and completion of Social Science Core, or permission of instructor.

**HIST-301 PROJECTS IN PUBLIC HISTORY 3.00 Credits**

This course will focus on a specific sub-field in Public History (Cultural Resource Management, archival management, museum studies, historic preservation, and consulting work). Students will receive hands-on experience in a selected sub-field working on a historical project, providing both practice, theory, and experiential learning for students. This class is a methodology course that culminates in a final Public History project. Pre-requisite: HIST-300 or permission from the instructor.

**HIST-333 AFRICA AND THE WORLD 3.00 Credits**

A survey from pre-history to modern times through historical sources, literature, film and music. Pre-requisite: ENGL-102 or ENGL-109; and completion of Social Science core; or permission of instructor.

**HIST-336 IMPERIALISM AND THE MODERN WORLD 3.00 Credits**

Focuses on imperialism at the global level since 1492, with particular focus on the period since 1800. Pre-requisites: ENGL-102 or ENGL-109; and completion of Social Science core; or permission of instructor.

**HIST-340 HISTORY OF THE NEZ PERCE TRIBE 3.00 Credits**

An examination of the unique history of this tribe from prehistory to modern times. This will include a cultural-historical approach to the Nez Perce-White relations emphasizing the missionary period, the 1855 Treaty, tribal divisions and White encroachments. The Nez Perce War will be studied and post-war history including the Oklahoma exile, reservation allotment (1895) and modern developments, including fishing, hunting, health and gambling issues. Pre-requisite: ENGL-102 or ENGL-109; and completion of Social Science Core; or permission of instructor.

**HIST-360 HISTORY OF MOTION PICTURES 3.00 Credits**

Examines the history and development of the motion picture art. Pre-requisite: ENGL-102 or ENGL-109; and completion of Social Science Core; or permission of instructor.

**HIST-370 HISTORY OF ASIA 3.00 Credits**

A study of political and cultural developments in China, Japan, India and other Asian countries. Recent trends and relations with the West will be emphasized. Pre-requisite: ENGL-102 or ENGL-109; completion of Social Science Core; or permission of instructor.

**HIST-390 DIRECTED STUDY IN HISTORY 1.00-3.00 Credits****HIST-391 WORKSHOP IN HISTORY 1.00-3.00 Credits****HIST-392 SPECIAL TOPICS IN HISTORY 1.00-3.00 Credits****HIST-395 PRACTICUM IN HISTORY 1.00-12.00 Credits****HIST-399 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****HIST-410 HISTORY OF UNITED STATES INDIAN POLICY 3.00 Credits**

This course will examine United States government policies affecting American Indians from the 18th century to recent times. Attention will be paid to the creation, implementation, and impact of government actions, as well as to the ways Native Americans have influenced policy. Pre-requisite: HIST-111 or HIST-112; and ENGL-102 or ENGL-109; and completion of Social Science Core; or permission of instructor.

**HIST-423 HISTORY OF IDAHO AND THE PACIFIC NORTHWEST 3.00 Credits**

An examination of the social, cultural, political, and economic history of the areas now known as Idaho and the Pacific Northwest in a state, regional, and national context. Particular emphasis will be given to the life experiences of ordinary men and women of varied ethnic backgrounds and to the question of how the region's past has shaped the present day nature of the Pacific Northwest. Pre-requisite: ENGL-102 or ENGL-109; and completion of Social Science Core; or permission of instructor.

**HIST-424 AMERICAN WOMEN'S HISTORY 3.00 Credits**

This course focuses on women's lives in American history, examining the social, political, cultural, and economic history of women. Considers how the history of America looks different through women's eyes, how women of all races and classes experienced events (both locally and nationally), and how women's lives changed over time. Pre-requisite: HIST-111 or HIST-112; and ENGL-102 or ENGL-109; and completion of Social Science Core; or permission of instructor.

**HIST-425 HISTORY OF THE AMERICAN WEST 3.00 Credits**

An examination of the history of the Trans-Mississippi American West, including social, cultural, political, and economic developments from earliest times to the present. Pre-requisite: ENGL-102 or ENGL-109; and completion of Social Science Core; or permission of the instructor.

**HIST-426 WOMEN IN THE WEST 3.00 Credits**

This course explores the many different histories of women in the West, through their own words, through literature, through film, and through recent scholarship by western women's historians. The course will examine how the history of the American West looks different through women's eyes, considering whether women of all races and classes experienced greater "freedom" or opportunity in the West as opposed to women back east. Finally, the course will also examine how researching women's roles and experiences in the West changes the larger historical narrative of what is typically considered within the West. Pre-requisites: HIST-111 or HIST-112; and ENGL-102 or ENGL-109; and completion of the Social Science Core; or permission of instructor.

**HIST-429 ORIGINS OF AMERICAN FOREIGN POLICY 3.00 Credits**

The class examines the origins and development of major foreign policies within the context of international linkages, diplomatic organizations, and diplomatic procedures. Pre-requisites: ENGL-102 or ENGL-109; and completion of Social Science Core; or permission of instructor. Cross-listed with POLS-429.

**HIST-430 THE US AND PACIFIC RIM AFFAIRS 3.00 Credits**

A detailed examination of new and continuing issues facing the United States as it has dealt with the peoples and nations of the Pacific Rim. Pre-requisites: ENGL-102 or ENGL-109; and completion of Social Science Core; or permission of instructor.

**HIST-444 HISTORY BEHIND THE NEWS 3.00 Credits**

Students in this research-oriented course examine the historical context surrounding current events and the political economy of global media systems. Lectures and class discussions in the first half of the semester prepare students for conducting independent research projects during the second half of the semester. Pre-requisites: ENGL-102 or ENGL-109; and completion of Social Science Core; or permission of instructor.

**HIST-446 HISTORY OF AMERICAN POPULAR CULTURE SINCE 1930 3.00 Credits**

An examination of how popular culture both reflects larger trends in society as well as how it shaped U.S. history since 1930. This course uses popular culture as a lens through which to view larger society and culture by examining how popular culture mirrored larger themes and events, and influenced the nation's responses. Prerequisites: ENGL-102 or ENGL-109; and completion of Social Science core; or permission of instructor.

**HIST-448 HISTORY OF EARLY AMERICA 3.00 Credits**

Examines the history of North America from pre-contact through the American Revolution. Specific areas of interest will be the cultural exchanges between different groups and nations; the impact of European empires on North America; the development of colonial culture; and the roads to revolution within the British colonies. Prerequisites: ENGL-102 or ENGL-109; and completion of Social Science core; or permission of instructor.

**HIST-450 CIVIL WAR AND RECONSTRUCTION 3.00 Credits**

This course will examine the causes and consequences of the American Civil War, paying attention to slavery, sectional differences (political, cultural, social, and economic), the course of the war, ideas of freedom and citizenship, and the political and social challenges and conflicts during Reconstruction. Prerequisites: ENGL-102 or ENGL-109; and completion of Social Science core, or permission of instructor.

**HIST-451 GILDED AGE AMERICA, 1877-1900 3.00 Credits**

The Gilded Age is a period in American history from roughly the 1870s to the early 1900s. This course will explore the major trends of this era including unprecedented economic and industrial growth, the rise of imperialism, urban expansion, political and corporate corruption, race relations, and conflict with labor. Pre-requisite: ENGL-102 or ENGL-109; and completion of Social Science Core; or permission from the instructor.

**HIST-454 HISTORY OF EUROPE (1815-1914) 3.00 Credits**

A detailed study of major European countries from the Congress of Vienna to the First World War. Pre-requisites: ENGL-102 or ENGL-109; and completion of Social Science Core; or permission of instructor.

**HIST-456 HISTORY OF EUROPE (1914 TO PRESENT) 3.00 Credits**

A detailed study of major European countries and events from World War I to the present. Pre-requisites: ENGL-102 or ENGL-109; and completion of Social Science Core; or permission of instructor.

**HIST-460 RUSSIAN HISTORY 3.00 Credits**

A history of the major political, cultural, social and intellectual developments in Russia from the earliest times to the present. Pre-requisites: ENGL-102 or ENGL-109; and completion of Social Science Core; or permission of instructor.

**HIST-465 LATIN AMERICAN HISTORY 3.00 Credits**

A study of Latin American from Napoleonic wars to Castro's Cuba. Economic, political and social issues are described. Pre-requisites: ENGL-102 or ENGL-109; and completion of Social Science Core; or permission of instructor.

**HIST-473 MIDDLE EASTERN HISTORY 3.00 Credits**

This course examines the social, political, intellectual, and economic development of the Middle East from the Ottoman empire of the nineteenth century to the present. The course will discuss how the region has been impacted by nationalism and imperialism and explore the events that have shaped the Middle East over the last century. Pre-requisites: ENGL-102 or ENGL-109; and completion of Social Science Core; or permission from the instructor.

**HIST-490 DIRECTED STUDY IN HISTORY 1.00-3.00 Credits****HIST-491 WORKSHOP IN HISTORY 1.00-3.00 Credits****HIST-492 SPECIAL TOPICS IN HISTORY 1.00-3.00 Credits****HIST-493 Service Learning in History 12.00 Credits****HIST-494 INTERNSHIP IN HISTORY 1.00-6.00 Credits****HIST-495 PRACTICUM IN HISTORY 1.00-12.00 Credits****HIST-499 RESEARCH PROJECT AND SEMINAR IN HISTORY 1.00-12.00 Credits**

A senior seminar that investigates historiography. Pre-requisites: ENGL-102 or ENGL-109; and completion of Social Science Core; or permission of instructor.

## Hospitality Management (HSMPT)

### Courses

**HSMPT-101 INTRODUCTION TO HOSPITALITY WITH SERVSAFE CERTIFICATION 3.00 Credits**

This course is an introduction and overview of the primary facets of the Hospitality Travel & Tourism industry. It is to provide students with an understanding of the world of hospitality, travel and tourism and particularly to business as it applies to the industry. The business practices have been transformed by the intensity of competition, health safety, and redesign in all segments of the industry. Those charged with working in, owning, creating and managing hospitality businesses must understand the market dynamics and be adept at understanding, analyzing, actions on said analysis, and staying ahead of the trends. These are exciting times to enter the hospitality industry and this course will outline the opportunities available and begin to prepare you for the industry with tools and foundation required to function proficiently in your chosen profession. This course will also expose you to the important regulations, safety standards, and sanitation practices that are implemented within this industry. Using industry standards you will understand, demonstrate and apply principles of food safety and sanitation and, activities and all applications pertaining to food preparation and storage. By the end of the course students will understand national, state and local agencies responsible for both safety and sanitation. Students will also learn how these practices apply to other hospitality industries such as hotel, events, catering and more. A passing score of 70% or higher on the National Restaurant Association of America's-ServSafe Manger Certification exam is required to pass this course and receive the ServSafe Manager Certification.

**HSMPT-190 DIRECTED STUDY IN HOSPITALITY MANAGEMENT 1.00-6.00 Credits****HSMPT-191 WORKSHOP IN HOSPITALITY MANAGEMENT 1.00-6.00 Credits****HSMPT-192 SPECIAL TOPICS IN HOSPITALITY MANAGEMENT 1.00-6.00 Credits****HSMPT-194 INTERNSHIP IN HOSPITALITY MANAGEMENT 1.00-12.00 Credits****HSMPT-194A INTERNSHIP IN HOSPITALITY MANAGEMENT I 1.00-6.00 Credits**

Internship in Hospitality Management.

**HSMPT-194B INTERNSHIP IN HOSPITALITY MANAGEMENT II 1.00-6.00 Credits**

Continuation of HSMPT 194A as a 100-level internship in Hospitality Management.

**HSMPT-194C INTERNSHIP IN HOSPITALITY MANAGEMENT III 1.00-6.00 Credits**

Continuation of HSMPT 194B as an intermediate 100-level internship in Hospitality Management.

**HSMPT-194D INTERNSHIP IN HOSPITALITY MANAGEMENT IV 1.00-6.00 Credits**

Continuation of HSMPT 194C as an intermediate to advanced 100-level internship in Hospitality Management.

**HSMPT-210 FOOD AND BEVERAGE MANAGEMENT 3.00 Credits**

Teaches to successfully manage food and beverage operations found in lodging properties including coffee shops, gourmet dining rooms, room service, banquets, lounges, and entertainment/show rooms.

**HSMPT-220 HOSPITALITY SUPERVISION 3.00 Credits**

Emphasizes the supervisor position through the communication process, motivation techniques, business ethics, total quality management, procedures for conflict resolutions, and leadership development in the hospitality industry.



**HSMPT-221 FRONT OFFICE MANAGEMENT WITH EXECUTIVE HOUSE KEEPING 3.00 Credits**

Front Office management will help you to understand, organize, perform, and evaluate the Front Office functions that are critical to a hotel's success. This course details information about aspects of Front Office operations and management. It examines complex relationships between hotel departments, technological advancements, and unique Front Office strategies. Executive Housekeeping and Front Office Management are synonymous when it comes to sending a message of professionalism and quality. The Executive Housekeeping knowledge of this course is designed to provide important technical information for students to understand the day to day complexities of the housekeeping profession-from planning and organizing, to budgeting, to supervising and performing the work itself. The intended purpose of including Executive Housekeeping is to promote the importance of how these two segments of the hotel industry must coexist in order to function properly.

**HSMPT-243 HOSPITALITY MARKETING 3.00 Credits**

Provides students with a basic understanding of marketing in the hospitality industry.

**HSMPT-251 HOTEL/MOTEL OPERATIONS 3.00 Credits**

Provides students with an understanding of the functions of Security and Housekeeping Departments in hotels and motels. Demonstrates how these two departments influence each other and impact management.

**HSMPT-256 HOSPITALITY LAB/SKILLS DEVELOPMENT 3.00 Credits**

This 3-credit lab provides a food appreciation experience where students will examine the different preparation and service methods of commercial food operations. Students will gain an understanding of the standards, preparation, and the techniques and skills associated with commercial establishments. It will address the language of a professional kitchen to students who seek to become managers. Topics covered include tool skills, industry trends, management applications, property applications, shopping/inventories, creating menus, and mathematical applications. Students will participate in two-part modules that comprise theory (learning) and application (hands-on training); they will complete the modules with a "live" guest review of the food and course concepts. This course follows the passing of CULPT 101-01 Culinary Skills I in the "Semester of Exploration".

**HSMPT-257 HOSPITALITY LAB/SKILLS DEVELOPMENT 3.00 Credits**

This 3-credit lab is the continuation of a food appreciation experience where students will examine the different preparation and service methods of commercial food operations. Students will continue to gain an understanding of the standards, preparation, and the techniques and skills associated with commercial establishments. It will build on the skills acquired in previous Lab/Skills courses to enhance the professional students who seek to Understand the foods industry. Topics covered include tool skills, industry trends, management applications, property applications, shopping/inventories, creating menus, and mathematical applications. Students will participate in two-part modules that comprise theory (learning) and application (hands-on training); they will complete the modules with a "live" guest review of the food and course concepts. This will be the final Lab class for in all designated pathways minus the Culinary Arts pathway. Pre-requisites: CULPT-101 and HSMPT-256.

**HSMPT-267 INTERNSHIP IN HOSPITALITY MANAGEMENT 1.00-6.00 Credits**

Students will be placed in a variety of food and beverage operations and lodging properties. Gainful employment in the industry is encouraged early in the program.

**HSMPT-273 EVENTS MANAGEMENT 3.00 Credits**

This course will examine the anatomy of an event to establish the different layers of an event experience and the general process of professional event coordination.

**HSMPT-280 TECHNOLOGY IN HOSPITALITY, TRAVEL & TOURISM 3.00 Credits**

Technology in Hospitality, Travel & Tourism introduces students to the basic concept of technologies and automation seen in the industry. The industry continues to see significant changes in all facets of business due to changing customer expectations, transitions in delivery systems, new and cheaper technology, need of creativity and organization, and a challenging labor market. The result of these forces has lead the Hospitality, Travel & Tourism industry to increasingly turn to automation of basic job tasks to stay competitive and meet the needs of customers, clients and management. This course examines the new technologies shaping the hospitality industry and how industry leaders are taking advantage of these new technologies to improve efficiency and service.

**HSMPT-290 DIRECTED STUDY IN HOSPITALITY MANAGEMENT 1.00-6.00 Credits****HSMPT-292 SPECIAL TOPICS IN HOSPITALITY MANAGEMENT 1.00-6.00 Credits****HSMPT-294 INTERNSHIP IN HOSPITALITY MANAGEMENT 1.00-12.00 Credits****HSMPT-294A INTERNSHIP IN HOSPITALITY MANAGEMENT I 1.00-6.00 Credits**

Internship in Hospitality Management.

**HSMPT-294B INTERNSHIP IN HOSPITALITY MANAGEMENT II 1.00-6.00 Credits**

Continuation of HSMPT 294A as a 200-level internship in Hospitality Management.

**HSMPT-294C INTERNSHIP IN HOSPITALITY MANAGEMENT III 1.00-6.00 Credits**

Continuation of HSMPT 294B as an intermediate 200-level internship in Hospitality Management.

**HSMPT-294D INTERNSHIP IN HOSPITALITY MANAGEMENT IV 1.00-6.00 Credits**

Continuation of HSMPT 294C as an intermediate to advanced 200-level internship in Hospitality Management.

**HSMPT-356 HOSPITALITY LAB/SKILLS DEVELOPMENT II 3.00 Credits**

This 3-credit lab expands upon the skills and learning that students acquired in HSMPT-256. It provides a food appreciation experience where students will further examine the different preparation and service methods of commercial food operations. They will prepare and evaluate traditional and other restaurant menus for quality standards. Students will participate in two-part modules that comprise theory (learning) and application (hands-on training); they will complete the modules with a "live" guest review of the food and course concepts. Prerequisite: HSMPT-256.

# Humanities (HUM)

## Courses

**HUM-101 THE ART AND HISTORY OF THE MOTION PICTURE 3.00 Credits**

An introduction to the art and history of motion pictures. Films will be approached from a variety of perspectives: as the work of particular directors, as genre pieces, as cultural artifacts, and as works of art. The course will also examine the economic, political, and ideological aspects of the motion picture industry.

**HUM-150 INTRODUCTION TO THE ARTS 3.00 Credits**

An examination of the technical, psychological, social and cultural dimensions of the arts, such as art, music and architecture. Students will develop means of analyzing and critically commenting on the artistic experiences.

**HUM-190 DIRECTED STUDY IN HUMANITIES 1.00-12.00 Credits****HUM-192 SPECIAL TOPICS IN HUMANITIES 1.00-12.00 Credits****HUM-290 DIRECTED STUDY IN HUMANITIES 1.00-5.00 Credits****HUM-291 WORKSHOP IN HUMANITIES 1.00-3.00 Credits****HUM-292 SPECIAL TOPICS IN HUMANITIES 1.00-3.00 Credits****HUM-295 PRACTICUM IN HUMANITIES 1.00-12.00 Credits****HUM-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****HUM-300 ARTS AND IDEAS I 3.00 Credits**

An integrated humanities course designed to examine the historical, philosophical, and aesthetic aspects of the humanities in Western Culture. Covers the historical periods from Mesopotamia and Egypt to the Middle Ages.

**HUM-301 LITERATURE AND CULTURE 3.00 Credits**

Emphasizes literature in the context of historical, philosophical, and esthetic aspects of western culture, from the Renaissance to the present. Writing integrated. Pre-requisite: ENGL-101 or ENGL-109.

**HUM-320 OREGON SHAKESPEARE FESTIVAL TRIP 1.00 Credit**

A faculty led trip to the Oregon Shakespeare Festival in Ashland, Oregon. Over the course of a long weekend, students will see four plays (including at least one by Shakespeare) and participate in other educational activities related to the festival such as question-and-answer sessions and backstage tours. The course is repeatable for up to two credits. Pre-requisite: ENGL-102 or ENGL-109.

**HUM-350 ETHICS: 3.00 Credits**

The primary purpose of the integrative 350 core course is to develop interdisciplinary abilities in ethical clarification with reference to at least two major contemporary issues. These courses focus primarily on ethical concerns. Topics include the following subjects: ART AND CENSORSHIP Focuses on the social and ethical implications of the artist's creative freedom, particularly how artistic freedom related to personal freedom. Considers issues common to the visual, plastic, musical, and theatrical arts. Writing integrated. PROPAGANDA Traces the origins, examines the practices and considers the consequences of propaganda in both totalitarian and democratic societies. The ethical implication of propaganda will be explored by applying relevant ethical and moral codes to a variety of case studies. Writing integrated. HUMAN RIGHTS AND APPLIED ETHICS Investigates through critical reasoning students' own value systems and the assumptions implicit in assumptions of and justifications for human rights. Writing integrated. ETHICS AND ECOLOGY Introduces the nature of ethical reasoning in relation to the ecology and the impact of human culture and scientific thought on ecology. Students face questions arising from their ethical obligations to each other, to non-human species, and to the planet itself. Writing integrated. ETHICS AND TECHNOLOGY Explores ethical challenges of living and working in a technological world. Students consider the personal, social, and philosophical implications of global technology. Writing integrated. POWER, PROGRESS AND ETHICS Contemporary ethical issues, such as human health and the environment, will be treated from a variety of scientific and literary perspectives. The complex consequences of decision making in science on community welfare will be explored. Discussion, personal and literary accounts and social history will provide a variety of perspectives on these issues. WOMEN IN THE TWENTIETH CENTURY Ethical issues confronted by women worldwide, through a study of literary and historical texts and through their own writing. Cross-listed with SS 350. Writing integrated. Pre-requisite: Completion of the skills component of the General Education Core or permission of the instructor. Cross-Listed with SS-350.



**HUM-390 DIRECTED STUDY IN HUMANITIES 1.00-5.00 Credits**

**HUM-391 WORKSHOP IN HUMANITIES 1.00-3.00 Credits**

**HUM-392 SPECIAL TOPICS IN HUMANITIES 1.00-3.00 Credits**

**HUM-394 INTERNSHIP IN HUMANITIES 1.00-12.00 Credits**

**HUM-399 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits**

**HUM-490 DIRECTED STUDY IN HUMANITIES 1.00-5.00 Credits**

**HUM-491 WORKSHOP IN HUMANITIES 1.00-3.00 Credits**

**HUM-492 SPECIAL TOPICS IN HUMANITIES 1.00-3.00 Credits**

**HUM-495 PRACTICUM IN HUMANITIES 1.00-12.00 Credits**

**HUM-499 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits**

## **Human Relations Prof Tech (HRPT)**

### **Courses**

**HRPT-184 DIVERSITY IN ORGANIZATIONS 3.00 Credits**

This course is designed to increase awareness and appreciation for the diversity that exists in contemporary American organizations. Students will explore historical and contemporary experiences from perspectives of both women and men of diverse races, ethnicities, social class, religions, sexual orientation, ages and abilities focusing on how those perspectives effect human relations in the workplace. Students will be encouraged to develop a critical consciousness and explore ways to eliminate negative stereotyping and discrimination that often leads to unequal treatment in organizations. Cross-listed with SS-184.

**HRPT-185 HUMAN RELATIONS IN ORGANIZATIONS 3.00 Credits**

Introduces students to the complexities of human interaction within contemporary organizations, offering strategies for coping and succeeding by utilizing perspective-taking while examining reality-based situations existing in today's workplace. Four major units within this course deal with: team-building, leading, conflict management (including how to deal with hostile work environment issues such as sexual harassment), and change management (both organizationally and individually) and how these issues impact organizational culture and individual behavior. Cross-listed with SS-185.

**HRPT-190 DIRECTED STUDY IN HUMAN RELATIONS 1.00-6.00 Credits**

**HRPT-191 WORKSHOP IN HUMAN RELATIONS 1.00-6.00 Credits**

**HRPT-192 SPECIAL TOPIC IN HUMAN RELATIONS 1.00-6.00 Credits**

**HRPT-270 HUMAN RELATIONS: CONFLICT MANAGEMENT 3.00 Credits**

This course will first identify the difference between disagreement and conflict, and put into context those differences: disagreement can be resolved while conflict can only be managed. The primary focus of this course will be on understanding the nature of conflict (and how it differs from disagreement), learning how to manage it, and if possible, to de-escalate it in both personal and professional situations.

**HRPT-275 THE DARK SIDE OF HUMAN RELATIONS 3.00 Credits**

This course is designed to investigate how individuals cope with difficult, problematic, distressing, and disruptive social interaction. The topics in this course are the hidden and forbidden aspects of interpersonal communication often examined within only one specific discipline. With the prime focus on the communicative dynamics of these social interactions this course will take an interdisciplinary perspective that spans communication, psychology, sociology, and other cognate disciplines; and will shine the light on the complexities, both moral and functional, involved in close relationship processes.

**HRPT-290 DIRECTED STUDY IN HUMAN RELATIONS 1.00-6.00 Credits**

**HRPT-291 WORKSHOP IN HUMAN RELATIONS 1.00-6.00 Credits**

**HRPT-292 SPECIAL TOPIC IN HUMAN RELATIONS 1.00-6.00 Credits**

**HRPT-390 DIRECTED STUDY IN HUMAN RELATIONS 1.00-6.00 Credits**

**HRPT-391 WORKSHOP IN HUMAN RELATIONS 1.00-6.00 Credits**

**HRPT-392 SPECIAL TOPIC IN HUMAN RELATIONS 1.00-6.00 Credits**

**HRPT-470 HUMAN RELATIONS: CONFLICT MANAGEMENT 3.00 Credits**

The primary focus of this course will be to understand the nature of conflict (and how it differs from disagreement), learning how to manage it, and if possible, to de-escalate it in both personal and professional situations. Cross-listed with COMM-470.

**HRPT-475 THE DARK SIDE OF HUMAN RELATIONS 3.00 Credits**

Will investigate how individuals cope with difficult, problematic, distressing, and disruptive social interaction. The topics in this course are the hidden and forbidden aspects of interpersonal communication often examined within only one specific discipline. With the prime focus on the communicative dynamics of these social interactions this course will take an interdisciplinary perspective that spans communication, psychology, sociology, and other cognitive disciplines; and will shine a light on the complexities, both moral and functional, involved in close relationship processes. Cross-listed with COMM-475.

**HRPT-490 DIRECTED STUDY IN HUMAN RELATIONS 1.00-6.00 Credits****HRPT-491 WORKSHOP IN HUMAN RELATIONS 1.00-6.00 Credits****HRPT-492 SPECIAL TOPIC IN HUMAN RELATIONS 1.00-6.00 Credits**

## Industrial Electronics Tech (IETTI)

### Courses

**IETTI-101 DC CIRCUIT THEORY 4.00 Credits**

This course teaches the theory of DC and basic digital logic circuits with an emphasis on physical conservation laws as unifying principles, including series-parallel network analysis, network theorems, electromagnetism, discrete semiconductor devices and switching circuits, basic digital electronics through combinational logic, and basic programmable logic controllers (PLCs). Students will also learn how to write SPICE netlists to simulate simple circuits. Mastery-style written exams guarantee attainment of conceptual learning outcomes, while oral presentations and Socratic dialogue demonstrate communicative learning outcomes. Pre-requisite/Co-requisite: MTHPT-137 or higher.

**IETTI-102 DC CIRCUIT PROJECTS 4.00 Credits**

This course reinforces the content of IETTI-101 (DC Circuit Theory) through multiple student-designed projects, each project's scope and functional criteria defined by the instructor with input from the student. This course also prepares the student for entry into the profession through r'esum'e and cover letter writing as well as job research. All students must present their job research findings at the Technical Advisory Committee (TAC) meeting held with industry advisors. Pre-requisite/Co-requisite: MTHPT-137 or higher.

**IETTI-103 DC CIRCUIT EXPERIMENTS 4.00 Credits**

This course reinforces the content of IETTI-101 (DC Circuit Theory) through student-designed experiments. All experiments employ scientific method: proposing falsifiable hypotheses, devising procedures, gathering data, analyzing results, and developing documentation. Students also apply foundational circuit principles to the diagnosis of simulated and real faults in these same types of circuits. Mastery standards applied to all experimental and diagnostic activities guarantee attainment of learning outcomes. Pre-requisite/Co-requisite: MTHPT-137 or higher.

**IETTI-104 AC CIRCUIT THEORY 4.00 Credits**

This course teaches the theory of AC and state-based digital logic circuits with an emphasis on physical conservation laws and other foundational concepts as unifying principles, including AC measurements, series-parallel reactive networks, transformers, harmonics, polyphase AC power systems, power conversion circuits, latch-based digital logic circuits, and programmable logic controller (PLC) counting and timing functions. Mastery-style written exams guarantee attainment of conceptual learning outcomes, while oral presentations and Socratic dialogue demonstrate communicative learning outcomes. Pre-requisite: MTHPT-137 or higher.

**IETTI-105 AC CIRCUIT PROJECTS 4.00 Credits**

This course reinforces the content of IETTI-104 (AC Circuit Theory) through multiple student-designed projects, each project's scope and functional criteria defined by the instructor with input from the student. This course also prepares the student for entry into the profession through resume and cover letter writing as well as job research. All students must present their job research findings at the Technical Advisory Committee (TAC) meeting held with industry advisors. Additionally, students take a comprehensive exam covering all theory course topics to date. Pre-requisite: MTHPT-137 or higher.

**IETTI-108 INTRODUCTION TO PLC'S 4.00 Credits**

Today's electronic technicians must be familiar with programmable logic controllers (PLC's) as they are widely used in the industry. The course begins with an introduction to programmable logic controller hardware, memory, I/O modules, numbering systems, and programming devices. The learner will then gain experience working with PLC wiring diagrams, PCL setup configuration, and ladder logic programming. Pre-requisite: IETTI-101 or IMMTI-115, and MTHPT-103 or instructor permission. Cross-listed with IMMTI-108.

**IETTI-110 BASIC DC CIRCUIT LAB 2.00 Credits**

Students will construct, analyze, predict and measure DC circuits while selecting and using appropriate test equipment. Project reports require design concepts, theoretical application, and demonstration of principles and practices learned in math, field practice and laboratory. Students will learn to adhere to safe work practices and demonstrate the proper techniques of soldering and de-soldering circuit components. Students will be required to demonstrate competency with working in groups and demonstrating appropriate interpersonal relationships. Pre-requisite: IETTI-101.

**IETTI-112 AC CIRCUIT EXPERIMENTS 4.00 Credits**

This course reinforces the content of IETTI-104 (AC Circuit Theory) through student-designed experiments. All experiments employ scientific method: proposing falsifiable hypotheses, devising procedures, gathering data, analyzing results, and developing documentation. Students also apply foundational circuit principles to the diagnosis of simulated and real faults in these same types of circuits. Mastery standards applied to all experimental and diagnostic activities guarantee attainment of learning outcomes. Pre-requisite: MTHPT-137 or higher.

**IETTI-190 DIRECTED STUDY IN INDUSTRIAL ELECTRONICS TECHNOLOGY 1.00-12.00 Credits**

Required study in area agreed upon by the student and the instructor. Might include specialized devices, new products, or advanced troubleshooting.

**IETTI-201 INTRO TO INSTRUMENTATION 4.00 Credits**

Industrial electronics technicians work with equipment that sense and control pressure, temperature, flow and level. These technicians must also calibrate and service these systems. This course also covers OP-AMPS, analog-digital conversion circuits, and PID controllers.

**IETTI-204 PROGRAMMING HUMAN MACHINE INTERFACES (HMI) 4.00 Credits**

This course will introduce the student to software and hardware that allows machine operators to interface with PLC control systems.

**IETTI-205 ELECTRIC MOTORS, DRIVES AND CONTROLS 4.00 Credits**

This course will introduce the student to DC and AC motors, electrical diagrams, motor starters, motor control circuits, three phase power, ac and dc motor drives, and motor maintenance. Cross-listed with IMMTI-205.

**IETTI-207 PROGRAM AND TROUBLESHOOT PLC'S 4.00 Credits**

Today's electronic technician must be familiar with programmable logic controllers (PLC's) as they are widely used in industry. This course continues the ladder logic programming started in IETTI 108. The learner will also be exposed to the types of PLC communications and troubleshooting with a PLC.

**IETTI-208 PLC'S SYSTEMS APPLICATIONS 4.00 Credits**

Today's electronic technician must be familiar with programmable logic controllers (PLC's) as they are widely used in industry. This course will give the learner additional training in programming and networking PLCs. It will also introduce him/her to motion control and operator interface devices and provide him/her with more hands-on experience. Pre-Requisite: IETTI-101, IETTI-104, and IETTI-108.

**IETTI-211 ADVANCED INSTRUMENTATION 4.00 Credits**

This course will continue to present the theories, applications and procedures for process control and instrumentation introduced in IETTI-201. Instrument technicians calibrate and service equipment that sense and control pressure, temperature, flow, and level for process control systems. Pre-requisite: IETTI-101 with a grade of C or better and permission from the instructor.

**IETTI-220 INTERMEDIATE ELECTRONICS PROJECTS 4.00 Credits**

This course reinforces the content of IETTI-222 (Intermediate Electronics Theory) through multiple student-designed projects, each project's scope and functional criteria defined by the instructor with input from the student. In cases where the project is built for an external client, feedback from the client helps determine the project grade. This course also prepares the student for entry into the profession through resume and cover letter writing as well as job research. All students must present their job research findings at the Technical Advisory Committee (TAC) meeting held with industry advisors. Additionally, students take a comprehensive exam covering all theory course topics to date. Pre-requisite: MTHPT-137 or higher.

**IETTI-221 INTERMEDIATE ELECTRONICS EXPERIMENTS 4.00 Credits**

This course reinforces the content of IETTI-222 (Intermediate Electronics Theory) by way of experimental system design and construction, starting with only a block diagram and a general description of the system's intended function. Students then engineer all details of the system, building and testing it in stages. Students also apply foundational circuit principles to the diagnosis of simulated and real faults in these same types of circuits. Mastery standards applied to all experimental and diagnostic activities guarantee attainment of learning outcomes. Pre-requisite: MTHPT-137 or higher.

**IETTI-222 INTERMEDIATE ELECTRONICS THEORY 4.00 Credits**

This course reviews DC and AC circuit theory while introducing principles of C-language computer programming, then builds on that foundation to explore analog amplifier circuits (both discrete-transistor and operational amplifier), principles of RF and radio systems, operational amplifier circuits, AC motor controls, and protective relaying. Mastery-style written exams guarantee attainment of conceptual learning outcomes, while oral presentations and Socratic dialogue demonstrate communicative learning outcomes. Pre-requisite: MTHPT-137 or higher.

**IETTI-223 ADVANCED ELECTRONICS THEORY 4.00 Credits**

This course introduces microprocessor systems -- including computer programming in both assembly language and C -- and also explores serial data communication, advanced RF topics (e.g. modulation, mixers, Smith charts, VNAs), industrial signal conditioning, and industrial control systems. Mastery-style written exams guarantee attainment of conceptual learning outcomes, while oral presentations and Socratic dialogue demonstrate communicative learning outcomes. Pre-requisite: MTHPT-137 or higher.

**IETTI-224 ADVANCED ELECTRONICS III 4.00 Credits**

This course is an introduction to the transient response analysis of RLC circuits. First, the computation of the transient response through classical differential equation techniques is covered. Next, Laplace transform techniques are studied, unifying both the transient and frequency response techniques. Then, Fourier analysis techniques are introduced to familiarize the students with the fundamentals of signal analysis. Finally, the State Variable technique is used to compute the transient response of RLC networks. Throughout the course, the lectures are supported by experimental work that make use of the hardware and computer-aided facilities available in the program. Prerequisite: MATH-170 and instructor approval.

**IETTI-225 ADVANCED ELECTRONICS EXPERIMENTS 4.00 Credits**

This course reinforces the content of IETTI-223 (Advanced Electronics Theory) by way of experimental system design and construction, starting with only a block diagram and a general description of the system's intended function. Students then engineer all details of the system, building and testing it in stages. Students also apply foundational circuit principles to the diagnosis of simulated and real faults in these same types of circuits. Mastery standards applied to all experimental and diagnostic activities guarantee attainment of learning outcomes. Pre-requisite: MTHPT-137 or higher.

**IETTI-226 ELECTRONICS CIRCUIT TROUBLESHOOTING 3.00 Credits**

Electronics Engineering Technicians work with analog and digital electronic systems. In this course, students will learn what to do when these systems don't work. Students will be introduced to basic troubleshooting techniques including test equipment, component identification, fault isolation, and documentation. The learner will be required to demonstrate mastery of all the course objectives.

**IETTI-236 ADVANCED ELECTRONICS PROJECTS 4.00 Credits**

This course reinforces the content of IETTI-223 (Advanced Electronics Theory) through multiple student-designed projects, each project's scope and functional criteria defined by the instructor with input from the student. In cases where the project is built for an external client, feedback from the client helps determine the project grade. This course also prepares the student for entry into the profession through resume and cover letter writing as well as job research. All students must present their job research findings at the Technical Advisory Committee (TAC) meeting held with industry advisors. Additionally, students take a comprehensive exam covering all theory course topics to date. Pre-requisite: MTHPT-137 or higher.

**IETTI-290 DIRECTED STUDY IN INDUSTRIAL ELECTRONICS TECHNOLOGY 1.00-10.00 Credits**

Required study in area agreed upon by the student and the instructor. Might include specialized devices, new products, or advanced troubleshooting.

**IETTI-292 DIRECTED SPECIAL PROJECTS 3.00 Credits****IETTI-294 INTERNSHIP IN INDUSTRIAL ELECTRONICS 1.00-12.00 Credits**

Work experience in business related to student's career goals. Student is a paid part-time employee working under the supervision of the employer and program coordinator.

**IETTI-390 DIRECTED STUDY IN INDUSTRIAL ELECTRONICS TECHNOLOGY 12.00 Credits**

Required study in area agreed upon by the student and the instructor. Might include specialized devices, new products, or advanced troubleshooting.

**IETTI-394 INTERNSHIP IN INDUSTRIAL ELECTRONICS 12.00 Credits**

Work experience in business related to student's career goals. Student is a paid part-time employee working under the supervision of the employer and program coordinator.

## Industrial Maintenance Millwright Technology (IMMTI)

### courses

**IMMTI-108 INTRODUCTION TO PLC'S 4.00 Credits**

Today's electronic technicians must be familiar with programmable logic controllers (PLC's) as they are widely used in the industry. The course begins with an introduction to programmable logic controller hardware, memory, I/O modules, numbering systems, and programming devices. The learner will then gain experience working with PLC wiring diagrams, PCL setup configuration, and ladder logic programming. Pre-requisite: IETTI-101 or IMMTI-115, and MTHPT-103 or instructor permission. Cross-listed with IETTI-108.

**IMMTI-115 BASIC ELECTRICITY 5.00 Credits**

The student will learn basic electricity principles including how to measure voltage, current, resistance, and wattage. Troubleshooting various types of motors (single-phase and three phase) along with capacitance and inductance measures will be taught. Further, the course will explain how various controls are used in HVAC-R and other maintenance fields as well as their applications. Shaft alignment and various motor mounting is taught. Cross-listed with HVACR-115.

**IMMTI-130 TRADE SKILLS 5.00 Credits**

Introduces skills needed in construction/manufacturing/industrial trades. Subjects include blueprint reading, construction documents, hand tools, fasteners/anchors, construction equipment, safety, resume building, teamwork, leadership, and trade accounting. Cross-listed with HVACR-130.

**IMMTI-140 MECHANICAL SYSTEMS MAINTENANCE 5.00 Credits**

Emphasis on skills needed for millwrights and maintenance personal including proper bearing installation, lubrication methods, alignment of motor and other equipment installation needs, pneumatic and hydraulic systems, and seal installation will be included. Pumps and compressor maintenance and control devices are taught. Proper rigging procedures for lifting heavy and awkward equipment will be emphasized. Cross-listed with HVACR-140.

**IMMTI-150 WELDING POWER SOURCES 2.00 Credits**

Introduces various basic power sources used in welding industry. Students learn construction of power sources, how to obtain optimum performance from a power source, and how to troubleshoot a power source. Cross-listed with WLDTC-150.

**IMMTI-155 BASIC WELDING PROCESSES LAB 7.00 Credits**

To develop employable skills for combination welder (DOT 812.844). This involves welding with the SMAW and GMAW process in all positions, single and multi-pass. Includes gas welding, brazing and flame cutting. Cross-listed with WLDTC-155.

**IMMTI-165 ADVANCED WELDING PROCESSES 7.00 Credits**

To further develop employable skills for arc welder (DOT 810.884) and combination line welder (DOT 812.844). This involves welding with the SMAW process in all positions, single and multi-pass, using DC equipment and covered electrodes. Covers welding with the GTAW process on thin gauge mild steel, stainless steel, and aluminum in all positions using both direct and alternating current. Pre-requisite: IMMTI-155. Cross-listed with WLDTC-165.

**IMMTI-194 IN:INDUSTRIAL MAINTENANCE/MILLWRIGHT 2.00-8.00 Credits**

This is a capstone course. The student will relate on the job experience to the material covered in HVACR 130: Trade Skills. This will include communication skills, research skills, critical thinking, team building, and leadership. This will be a blended course in which the student will need to access, participate and complete tasks through an online forum.

**IMMTI-205 ELECTRIC MOTORS, DRIVES AND CONTROLS 4.00 Credits**

This course will introduce the student to DC and AC motors, electrical diagrams, motor starters, motor control circuits, three phase power, ac and dc motor drives, and motor maintenance. Cross-listed with IETTI-205.

**IMMTI-251 BLUEPRINT READING 2.00 Credits**

To give the student a basic working knowledge of blue print reading as it applies in today's welding/millwright industries. This includes welding symbols, nondestructive testing symbols, and methods of dimensioning drawings. Pre-requisite: MTHPT-137. Cross-listed with WLDC-251.

**IMMTI-261 BENCHWORK FOR WELDERS 2.00 Credits**

Familiarizes student with basic hand and machine tools, measuring devices, and shop and tool safety. Cross-listed with WLDC-261.

**IMMTI-262 DISTORTION CONTROL 2.00 Credits**

Trains students in the correct method of distortion control in welded fabrications. Gives basic guidance to assist student in overcoming and understanding some difficulties inherent when working metals where heat input is involved. Cross-listed with WLDC-262.

**IMMTI-270 DIRECTED WELDING PROJECTS 1.00-8.00 Credits**

This course is designed for students who desire to specialize in one field of the welding industry. The student will learn how to safely operate and optimize the performance of various welding machines and how to operate welding shop equipment. They will also acquire additional knowledge of welding theory concerning specific processes or applications, and welding skills appropriate to the area of interest. Cross-listed with WLDC-270.

**IMMTI-294 INTERNSHIP 2.00-8.00 Credits**

This is a capstone course. The student will relate on the job experience to the material covered in Trade Skills. This will include communication skills, research skills, critical thinking, team building, and leadership. This will be a blended course in which the student will need to access, participate and complete tasks through an online forum. Cross-listed with HVACR-294.

**IMMTI-394 IN:INDUSTRIAL MAINTENANCE/MILLWRIGHT 1.00-12.00 Credits**

This is a capstone course. The student will relate on the job experience to the material covered in IMMTI-130: Trade Skills. This will include communication skills, research skills, critical thinking, team building, and leadership. This will be a blended course in which the student will need to access, participate and complete tasks through an online forum. Cross-listed with HVACR-294.

## Information Sys Analysis/TI (ISATI)

### Courses

No courses found for ISATI

## Information Technology (IT)

**IT-190 DIRECTED STUDY IN INFORMATION TECHNOLOGY 6.00 Credits**

Opportunity to learn advanced skills for students progressing at a faster than normal pace.

**IT-194 INTERNSHIP IN INFORMATION TECHNOLOGY 6.00 Credits**

Work experience related to the student's career goals. The student is a paid part-time employee working under the supervision of the employer and program advisor.

**IT-195 PRACTICUM IN INFORMATION TECHNOLOGY 6.00 Credits**

Career-interest-specific coursework through direct irregular participation in the career field.

**IT-231 INFORMATION SYSTEMS I 4.00 Credits**

This course introduces foundational computer information systems standards, best practices, theory, and practical application. This course may lead to industry certification. This course is reading, writing, and computer intensive. Pre-requisites: Satisfactory placement exam score into ENGL-101 without ENGL-103 as a required co-requisite, or completion of ENGL-101 with a grade of C or better.

**IT-232 INFORMATION SYSTEMS II 4.00 Credits**

For those with foundational computer information systems knowledge, this course introduces basic computer information systems standards, best practices, theory, and practical application. This course may lead to industry certification. This course is reading, writing, and computer intensive. Pre-requisite: IT-231 with a grade of C or better.

**IT-233 INFORMATION SYSTEMS III 4.00 Credits**

For those with basic computer information systems knowledge, this course introduces intermediate computer information systems standards, best practices, theory, and practical application. This course may lead to industry certification. This course is reading, writing, and computer intensive. Pre-requisite: IT-232 with a grade of C or better.

**IT-234 INFORMATION SYSTEMS IV 4.00 Credits**

For those with intermediate computer information systems knowledge, this course introduces advanced computer information systems standards, best practices, theory, and practical application. This course may lead to industry certification. This course is reading, writing, and computer intensive. Pre-requisite: IT-233 with a grade of C or better.

**IT-251 NETWORKING I 4.00 Credits**

This course introduces foundational computer networking standards, best practices, theory, and practical application. This course may lead to industry certification. This course is reading, writing, and computer intensive. Pre-requisites: Satisfactory placement exam score into ENGL-101 without ENGL-103 as a required co-requisite, or completion of ENGL-101 with a grade of C or better.

**IT-252 NETWORKING II 4.00 Credits**

For those with foundational computer networking knowledge, this course introduces basic computer networking standards, best practices, theory, and practical application. This course may lead to industry certification. This course is reading, writing, and computer intensive. Pre-requisite: IT-251 with a grade of C or better.

**IT-253 NETWORKING III 4.00 Credits**

For those with basic computer networking knowledge, this course introduces intermediate computer networking standards, best practices, theory, and practical application. This course may lead to industry certification. This course is reading, writing, and computer intensive. Pre-requisite: IT-252 with a grade of C or better.

**IT-254 NETWORKING IV 4.00 Credits**

For those with intermediate computer networking knowledge, this course introduces advanced computer networking standards, best practices, theory, and practical application. This course may lead to industry certification. This course is reading, writing, and computer intensive. Pre-requisite: IT-253 with a grade of C or better.

**IT-271 CYBERSECURITY I 4.00 Credits**

This course introduces foundational computer cybersecurity standards, best practices, theory, and practical application. This course may lead to industry certification. This course is reading, writing, and computer intensive. Pre-requisites: Satisfactory placement exam score into ENGL-101 without ENGL-103 as a required co-requisite, or completion of ENGL-101 with a grade of C or better.

**IT-272 CYBERSECURITY II 4.00 Credits**

For those with foundational computer cybersecurity knowledge, this course introduces basic computer cybersecurity standards, best practices, theory, and practical application. This course may lead to industry certification. This course is reading, writing, and computer intensive. Pre-requisite: IT-271 with a grade of C or better.

**IT-273 CYBERSECURITY III 4.00 Credits**

For those with basic computer cybersecurity knowledge, this course introduces intermediate computer cybersecurity standards, best practices, theory, and practical application. This course may lead to industry certification. This course is reading, writing, and computer intensive. Pre-requisite: IT-272 with a grade of C or better.

**IT-274 CYBERSECURITY IV 4.00 Credits**

For those with intermediate computer cybersecurity knowledge, this course introduces advanced computer cybersecurity standards, best practices, theory, and practical application. This course may lead to industry certification. This course is reading, writing, and computer intensive. Pre-requisite: IT-273 with a grade of C or better.

**IT-290 DIRECTED STUDY IN INFORMATION TECHNOLOGY 6.00 Credits**

Opportunity to learn advanced skills for students progressing at a faster than normal pace.

**IT-294 INTERNSHIP IN INFORMATION TECHNOLOGY 6.00 Credits**

Work experience related to the student's career goals. The student is a paid part-time employee working under the supervision of the employer and program advisor.

**IT-295 PRACTICUM IN INFORMATION TECHNOLOGY 6.00 Credits**

Career-interest-specific coursework through direct irregular participation in the career field.

**IT-390 DIRECTED STUDY IN INFORMATION TECHNOLOGY 6.00 Credits**

Opportunity to learn advanced skills for students progressing at a faster than normal pace.

**IT-394 INTERNSHIP IN INFORMATION TECHNOLOGY 6.00 Credits**

Work experience related to the student's career goals. The student is a paid part-time employee working under the supervision of the employer and program advisor.

**IT-395 PRACTICUM IN INFORMATION TECHNOLOGY 6.00 Credits**

Career-interest-specific coursework through direct irregular participation in the career field.

**IT-490 DIRECTED STUDY IN INFORMATION TECHNOLOGY 6.00 Credits**

Opportunity to learn advanced skills for students progressing at a faster than normal pace.

**IT-494 INTERNSHIP IN INFORMATION TECHNOLOGY 6.00 Credits**

Work experience related to the student's career goals. The student is a paid part-time employee working under the supervision of the employer and program advisor.

**IT-495 PRACTICUM IN INFORMATION TECHNOLOGY 6.00 Credits**

Career-interest-specific coursework through direct irregular participation in the career field.



# Interdisciplinary (ID)

## Courses

### **ID-240 INTEGRATED SCIENCE II 4.00 Credits**

This is the second of a team-taught, place-based, course, which is designed to provide an introduction to multiple scientific disciplines, including biology, chemistry, computer science, earth science, mathematics, and physics around the theme of the greater Lewiston-Clarkston valley watershed. Course content is integrated in order to allow the students the opportunity to use multiple scientific disciplines to understand the world in which they live. The focus in this second course is on topics of local concern including dams plus modules that will vary with instructor (s). The course will include an emphasis on college reading, college writing, collaboration, and using math to solve real-world problems. This is a 4-credit class with 3 hours of lecture a week and approximately 3 hours of laboratory each week. Pre-requisites: NS-140 with a grade of C or better and MATH-144 taken concurrently or permission of instructor.

### **ID-290 DIRECTED STUDY IN INTERDISCIPLINARY STUDIES 1.00-12.00 Credits**

### **ID-291 WORKSHOP IN INTERDISCIPLINARY STUDIES 1.00-12.00 Credits**

### **ID-292 SPECIAL TOPICS IN INTERDISCIPLINARY STUDIES 1.00-12.00 Credits**

### **ID-294 INTERNSHIP IN INTERDISCIPLINARY STUDIES 1.00-12.00 Credits**

### **ID-295 PRACTICUM IN INTERDISCIPLINARY STUDIES 1.00-12.00 Credits**

### **ID-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits**

Graded P/F only.

### **ID-300A ANIMALS AND SOCIETY 3.00 Credits**

This course is an interdisciplinary introduction to the ethical dimensions of relationships between humans and non-human animals. Drawing on the works of philosophers, social and natural scientists, and legal scholars, students will learn about the roles, treatment, and moral standing of animals and the competing values that have shaped human-animal relationships in past and present societies. Pre-requisite: ENGL-102 or ENGL-109, and a total of 24 credit hours in the General Education Core or instructor permission.

### **ID-300B ART AND CENSORSHIP 3.00 Credits**

Focuses on the social and ethical implications of the artist's creative freedom, particularly how artistic freedom related to personal freedom. Considers issues common to the visual, plastic, musical, and theatrical arts. Pre-requisite: ENGL-102 or ENGL-109, and a total of 24 credit hours in the General Education Core or instructor permission.

### **ID-300C ETHICS AND IDENTITY 3.00 Credits**

This course takes an interdisciplinary approach to the study of ethical questions and cultural values as they relate to differences in race, ethnicity, gender, social class, and other categories that together form the basis of identity in the social world. Pre-requisite: ENGL-102 or ENGL-109, and a total of 24 credit hours in the General Education Core or instructor permission.

### **ID-300D ETHICS AND ECOLOGY 3.00 Credits**

Introduces the nature of ethical reasoning in relation to the ecology and the impact of human culture and scientific thought on ecology. Students face questions arising from their ethical obligations to each other, to non-human species, and to the planet itself. Pre-requisite: ENGL-102 or ENGL-109, and a total of 24 credit hours in the General Education Core or instructor permission.

### **ID-300E ETHICS AND TECHNOLOGY 3.00 Credits**

Explores ethical challenges of living and working in a technological world. Students consider the personal, social, and philosophical implications of global technology. Pre-requisite: ENGL-102 or ENGL-109, and a total of 24 credit hours in the General Education Core or instructor permission.

### **ID-300F GENDER AND CULTURE 3.00 Credits**

This course examines issues surrounding gender, sex, and sexuality from a cross-cultural perspective. The focus is on learning to think about topics of gender and sexuality holistically as they are embedded in the cultural systems of different societies and as they relate to other aspects of a given society, including the contemporary United States. In particular, students learn to analyze the cultural and social constructions of gender in different societies and in the US at different times. Pre-requisite: ENGL-102 or ENGL-109, and a total of 24 credit hours in the General Education Core or instructor permission.

### **ID-300G HEALTH INTEGRATIVE SEMINAR 3.00 Credits**

This course explores health through three different academic disciplines: natural science, language and literature, and fine arts. The class is designed to develop value clarifying abilities over a wide range of value considerations (moral, ethical, physical, social, mental, spiritual, emotional, aesthetic, philosophic, and scientific). Pre-requisite: ENGL-102 or ENGL-109, and a total of 24 credit hours in the General Education Core or instructor permission.

### **ID-300H LAW AND SOCIETY 3.00 Credits**

This course provides a social scientific understanding of the underlying relationship between law, values, and society. It examines how societal values (order, morality, democracy, property, liberty, multiculturalism, and equality) and societal factors (power, discretion, race, gender, and wealth) intersect with the creation, enforcement, and interpretation of public policy. Pre-requisite: ENGL-102 or ENGL-109, and a total of 24 credit hours in the General Education Core or instructor permission.

**ID-300J TERRORISM CONTEMPORARY ERA 3.00 Credits**

An interdisciplinary survey into the phenomena of political violence and terrorism is the core of this course. Historical, ethnic, religious, and ideological roots of terrorism are examined to put this behavior in sound, ethical perspectives with respect to the values of society and the goals of its perpetrators. Pre-requisite: ENGL-102 or ENGL-109, and a total of 24 credit hours in the General Education Core or instructor permission.

**ID-300K VALUES AND SPORTS 3.00 Credits**

This course explores Sport through a variety of academic disciplines including social science, fine arts, history and philosophy. The class is designed to develop value clarifying abilities over a wide range of value considerations (moral, physical, social, mental, spiritual, emotional, aesthetic, and philosophic). Pre-requisite: ENGL-102 or ENGL-109, and a total of 24 credit hours in the General Education Core or instructor permission.

**ID-300L VIETNAM 3.00 Credits**

This course will examine Vietnamese society and history particularly the nation's relationship with the United States in the 20th Century in order to explore the question of values and value conflicts. Pre-requisite: ENGL-102 or ENGL-109, and a total of 24 credit hours in the General Education Core or instructor permission.

**ID-300M VULNERABLE POPULATIONS 3.00 Credits**

Using an interdisciplinary approach (drawing on literature, history, philosophy, ethics, medicine, and media amongst others), this course will facilitate an understanding of issues facing vulnerable populations both locally and worldwide, with a focus primarily on women and children. Pre-requisite: ENGL-102 or ENGL-109, and a total of 24 credit hours in the General Education Core or instructor permission.

**ID-300N WILDERNESS 3.00 Credits**

This course examines the concept of wilderness, the ethics of interactions between humans and wilderness spaces, and how social, cultural, political, and economic values influence our understanding of wilderness. Pre-requisite: ENGL-102 or ENGL-109, and a total of 24 credit hours in the General Education Core or instructor permission.

**ID-300P DISEASES AND SOCIETY 3.00 Credits**

This course is an integrative seminar in ethics and values. Students will develop and implement critical thinking, inquiry, and problem-solving skills. The writing-integrated course will investigate social, cultural, scientific, and humanistic questions as applied to individuals and groups. Using an interdisciplinary approach, the class will facilitate understanding of issues of local and global concern. More specifically, in this course students will examine the diverse ethics and value issues associated with communicable diseases and epidemics such as cholera, HIV-AIDS, the Black Death. Students will explore how diseases affect communities at both a global and local level from multiple perspectives. Students also will investigate the relationship between disease epidemics and public health policies. Pre-requisite: ENGL-102 or ENGL-109, and a total of 24 credit hours in the General Education Core or instructor permission.

**ID-300Q ECONOMICS OF GOOD AND EVIL 3.00 Credits**

An interdisciplinary seminar in ethics and values that examines literary texts in the tradition of the humanities, social sciences, and economics. Seeks to answer questions related to normative issues -- What makes an economy good or bad? How has the field of economics evolved within the ecosystem of human values? Writing integrated. Pre-requisite: ENGL-102 or ENGL-109, and a total of 24 credit hours in the General Education Core or instructor permission.

**ID-300R LEADERSHIP AND ETHICS 3.00 Credits**

Students will develop a greater understanding of the moral responsibilities of leadership. Leaders in a variety of contexts and cultures will be studied. It will integrate learning from previous coursework as students examine ethical issues leaders face in today's environment. Pre-requisite: ENGL-102 or ENGL-109, and a total of 24 credit hours in the General Education Core or instructor permission.

**ID-300S NORTHWEST CULTURE/HISTORY/LITERATURE 3.00 Credits**

Through a study of regionalist ethics and of Northwestern history, values and literature, this seminar explores the Northwest region and studies the intersection of values, historical consciousness and writing in the Northwest. Writing integrated. Pre-requisite: ENGL-102 or ENGL-109, and a total of 24 credit hours in the General Education Core or instructor permission.

**ID-300T PROPAGANDA 3.00 Credits**

Traces the origins, examines the practices and considers the consequences of propaganda in both totalitarian and democratic societies. The ethical implication of propaganda will be explored by applying relevant ethical and moral codes to a variety of case studies. Writing integrated. Pre-requisite: ENGL-102 or ENGL-109, and a total of 24 credit hours in the General Education Core or instructor permission.

**ID-300U WOMEN IN THE 20TH CENTURY 3.00 Credits**

The ethical issues confronted by American women are examined by study of literary and historical texts as well as through their own writing. Writing integrated. Pre-requisite: ENGL-102 or ENGL-109, and a total of 24 credit hours in the General Education Core or instructor permission. Cross-listed with SS-350.

**ID-300V GANDHIAN ETHICS AND VALUES 3.00 Credits**

Although best known as a spiritual leader and the father of India's independence, Mohandas Gandhi also stands out as an important philosopher and thinker. This course will provide students a valuable opportunity to expand their intellectual tool kit by learning about Gandhian philosophy and using it as a lens through which to consider various questions related to ethics and values. Pre-requisite: ENGL-102 or ENGL-109, and a total of 24 credit hours in the General Education Core or instructor permission.



**ID-300W ETHICS OF FOOD AND AGRICULTURE 3.00 Credits**

This purpose of this course is to explore the values and ethics that underlie our food and agricultural systems and the choices we make regarding our food. Examples of topics to be covered include 1) farm labor rights, 2) sustainable use of land, and 3) use of technology in our food supply. Students will evaluate these topics on both a local and global scale and from a variety of disciplinary lenses in the social and natural sciences. Pre-requisite: Completion of ENGL-102 or ENGL-109 and 24 credit hours in the General Education Core or instructor permission.

**ID-300X ETHICS: CIVIL RIGHTS MOVEMENTS 3.00 Credits**

This course will focus on the "long Civil Rights Movement" for African-Americans from the 19th century to the present day, using history, music, literature, and popular culture to explore the many perspectives. The course will study events of historical significance (the Montgomery bus boycott, the march to Selma, Dr. King's assassination, etc.) as well as those of artistic significance (the Harlem Renaissance, Afro-centric music, protest music, etc.), and examine how both have had a lasting effect on popular culture as well as have shaped the civil rights. Pre-requisite: ENGL-101 or ENGL-109, and a total of 24 credit hours in the General Education Core or instructor permission.

**ID-301A HELLS CANYON INSTITUTE 3.00 Credits**

The Hells Canyon Institute takes an interdisciplinary approach to questions of ethics and values relating to the concept of wilderness. This course will focus on a particular place - Hells Canyon of the Snake River - and will include on-campus class meetings and a week-long field school in Hells Canyon. Pre-requisite: ENGL-102 or ENGL-109, and a total of 24 credit hours in the General Education Core or instructor permission.

**ID-321 PRIOR LEARNING PORTFOLIO DEVELOPMENT 1.00 Credit**

This course will assist students to explore earning credit through knowledge and skills acquired through prior training and experience because of a job or other experiential learning opportunities. It will help students work through the process of developing and submitting an effective portfolio to document their prior learning. This course will also discuss additional methods of obtaining credit through prior learning and experience.

**ID-360 LEADERSHIP 3.00 Credits**

Explores the concept of leadership from an interdisciplinary perspective: psychological determinants of leaders and followers, political factors of governance, sociological issues connecting individuals and small groups, anthropological factors in tracking societal transformations and management skills in the practice of leadership.

**ID-392 Portfolio 1.00 Credit****ID-394 INTERNSHIP IN INTERDISCIPLINARY STUDIES 1.00-12.00 Credits****ID-399 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits**

Graded P/F only.

**ID-412 ADVANCED PATHOPHYSIOLOGY AND PHARMACOLOGY 1.00 Credit**

An in depth study of the physiology, manifestations, and treatment of human disease processes in one disease, such as septicemia. Pre-requisites: BIOL-312 and NU-312 with a grade of C or better.

**ID-450 INTERDISCIPLINARY STUDIES SEMINAR 3.00 Credits**

Seminar focuses on the theory and practice of interdisciplinary thinking and interdisciplinary approaches to complex problem solving, culminating in a problem-based interdisciplinary research paper. Pre-requisite: ENGL-102.

**ID-490 DIRECTED STUDY IN INTERDISCIPLINARY STUDIES 1.00-12.00 Credits****ID-491 WORKSHOP IN INTERDISCIPLINARY STUDIES 1.00-12.00 Credits****ID-492 SPECIAL TOPICS IN INTERDISCIPLINARY STUDIES 1.00-12.00 Credits****ID-494 INTERNSHIP IN INTERDISCIPLINARY STUDIES 1.00-12.00 Credits****ID-495 PRACTICUM IN INTERDISCIPLINARY STUDIES 1.00-12.00 Credits****ID-499 RESEARCH ASSISTANTSHIP IN INTERDISCIPLINARY STUDIES 1.00-12.00 Credits**

Graded P/F only.

## Justice Studies (JS)

### Courses

**JS-103 INTRODUCTION TO CRIMINAL JUSTICE 3.00 Credits**

An account of the purpose, function, and history of the agencies dealing with the administration of justice, providing a survey of criminal law, criminal procedures, organizations and law enforcement agencies, courts, and corrections.

**JS-190 DIRECTED STUDY IN JUSTICE STUDIES 1.00-12.00 Credits****JS-193 SERVICE LEARNING 1.00-12.00 Credits****JS-201 POLICE IN AMERICA 3.00 Credits**

This course reflects the commitment to the ideal of a professional police force in a free society. That means the police should be responsive to the needs of the public, as indicated through an open political process, and responsive to the rule of law. These ideals will be conveyed to the student by a focus on major contemporary issues affecting our societal order.

**JS-202 CORRECTIONS IN AMERICA 3.00 Credits**

A survey of the historical, philosophical, and legal bases of correctional procedures and institutions and an examination of current problems and innovations.

**JS-225 CRIMINAL PROCEDURE 3.00 Credits**

An examination of the procedural aspects of criminal law. Specific applications of procedures by actors in the criminal justice process including police, prosecutors, defense attorneys, judges, and corrections officials. This examination will provide a basic understanding of state and local legal codes, as well as current applications of law in both arrest and search and seizure.

**JS-275 PRINCIPLES OF INTERVIEWING AND CASE STUDIES 3.00 Credits**

The application of behavioral theory in interviewing and case study analysis is shown in this course by examining interpersonal behavior, symbolic interaction, nonverbal behavior, and levels of communication involved in the interviewing process.

**JS-280 PRINCIPLES OF CRIMINAL INVESTIGATIONS 3.00 Credits**

The principles guiding criminal investigation, such as deductive/inductive reasoning, managing criminal investigations, preliminary investigation at the crime scene, and specific duties and identification techniques, are outlined.

**JS-290 DIRECTED STUDY IN JUSTICE STUDIES 1.00-12.00 Credits**

Written permission must be secured from the supervising instructor and the Chairperson of the Social Sciences Division prior to enrollment. May be repeated.

**JS-291 WORKSHOP IN JUSTICE STUDIES 3.00 Credits****JS-292 SPECIAL TOPICS IN JUSTICE STUDIES 1.00-3.00 Credits****JS-295 PRACTICUM IN JUSTICE STUDIES 1.00-12.00 Credits**

Criminal Justice majors obtain field experience supervised by officials of law enforcement, court, and/or corrections agencies.

**JS-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****JS-302 COMMUNITY-BASED CORRECTIONS 3.00 Credits**

This course provides an overview of the purposes and goals of community-based corrections and its various components, including probation, parole, and intermediate sanctions. Topics addressed include the historical and theoretical foundations of community-based corrections, pre-sentence investigations, sentencing, managing/reducing risk in the community, and emerging trends in the field.

**JS-310 ORGANIZATION AND ADMINISTRATION OF JUSTICE 3.00 Credits**

Students study behavior in the justice system as influenced by organizational structure, technology, managerial policies, supervisory patterns, individual need, and group relations. Pre-requisite: JS-103 or instructor's permission.

**JS-320 JUVENILE DELINQUENCY 3.00 Credits**

The theories of causation, prevention, control, and treatment of delinquency in contemporary society are studied. Included in this survey are modes of treatment, methods of diverting youth-related problems from the juvenile courts to other community resources, and post-treatment adjustment. Cross-listed with SOC-320.

**JS-325 CRIMINAL LAW 3.00 Credits**

A course dealing with the substantive law of crimes which examines the rights and duties of persons to each other and to society in general. It emphasizes historical development, criminal responsibility, and defenses. Pre-requisite: JS-103 or instructor's permission.

**JS-333 WHITE COLLAR CRIME 3.00 Credits**

The costs, causes, and control of crime by and against businesses and other organizations; the relationship between trust and white collar crime; and the impact of the media in shaping perceptions of white collar crime will be studied. Pre-requisites: JS-103 or SOC-101 or SOC-102 and ENGL-102 or permission of instructor. Cross-listed with SOC-333.

**JS-345 CRIMINOLOGY 3.00 Credits**

Students study crime and society, theories of criminality, types and trends of crime, characteristics of criminals, social control, and criminological controversies. Pre-requisite: JS-103 or SOC-101 or instructor permission. Cross-listed with SOC-345.

**JS-390 DIRECTED STUDY IN JUSTICE STUDIES 1.00-12.00 Credits****JS-392 SPECIAL TOPICS IN JUSTICE STUDIES 1.00-3.00 Credits****JS-399 RESEARCH ASSISTANTSHIP 1.00-3.00 Credits**

This course is an opportunity for students to conduct applied research for criminal justice agencies. Pre-requisite: Lower core complete and permission of instructor.

**JS-401 COMMUNITY POLICING 3.00 Credits**

This course is an examination of the philosophy, tactics, problems and solutions encountered when the community and police engage in the teamwork of community policing. The course contains a service-learning component that combines community service with structured learning and reflection, connecting the needs of the community with coursework and our roles as citizens. Pre-requisite: JS-103 or permission of instructor.

**JS-402 REHABILITATION PROGRAMS 3.00 Credits**

This course examines the programs designed to reduce the likelihood that released prisoners will re-offend. Programs that aim to change criminal thinking, education, job training, and substance abuse programs will be studied. Program evaluation strategies will be explored. The course will include a field trip to a correctional facility in the area.

**JS-403 COMPARATIVE CRIMINAL JUSTICE SYSTEMS 3.00 Credits**

The functions, institutions, and operations of US and foreign criminal justice systems are compared. Pre-requisite: JS-103 or permission of instructor.

**JS-422 RACE, CLASS, GENDER & JUSTICE 3.00 Credits**

This course explores the effects of race, class and gender on the criminal justice system. Patterns of offending and victimization associated with the categories of race, class and gender will be studied. Students will study topics such as profiling, disparities in sentencing and the death penalty, minority overrepresentation in prison, responses to battering, and criminal justice system employment practices. Pre-requisite: JS-103 or SOC-101 or instructor permission. Cross-listed with SOC-422.

**JS-423 JUSTICE ISSUES AND PUBLIC POLICY 3.00 Credits**

Students study and discuss major issues, professional ethics, and policy analysis. Pre-requisite: Senior Justice Studies majors or instructor's permission.

**JS-425 VIOLENCE AND GENDER 3.00 Credits**

This course will provide an overview of gender-based violence. Crimes such as domestic violence, stalking, rape, sexual assault, and sexual harassment will be analyzed within a broader social context. Special attention will be given to how these crimes affect women and men, and how societal institutions (e.g., the criminal justice system, the health care system, employers, and social service providers) may better address the needs of victims and offenders. The course will be based on information gathered through current research, guest lectures, and scholarly and media resources. Pre-requisite: ENGL-102 or ENGL-109. Cross-listed with SOC-425.

**JS-475 CRIME, JUSTICE AND ETHICS 3.00 Credits**

This course addresses the ethical implications of decision-making and policy development in the criminal justice field, including the police, court, and corrections systems. Prerequisite: JS-103 and Junior or Senior standing; or permission of instructor.

**JS-480 VICTIMOLOGY 3.00 Credits**

This course involves the scientific study of crime victims and focuses on the physical, emotional, and financial harm people suffer at the hands of offenders. Emphasis is placed on victim-offender relationships, interactions between victims and the criminal justice system, and connections between victims and other social groups and institutions. Theories, history, research, legislation, and policy implications related to the social construction of "the victim" are explored. Pre-Requisites: ENGL-102 or ENGL-109; and a total of 24 credit hours in the General Education Core or instructor permission. Cross-listed with SOC-480.

**JS-484 CYBERCRIME 3.00 Credits**

This online course will examine the history, typologies, trends, and causes associated with computer crimes such as hacking, virus writing and cyberterrorism. The course will also address the legislation and law enforcement practices designed to prevent, investigate and prosecute computer crimes. Pre-requisite: JS-103 or permission of instructor.

**JS-490 DIRECTED STUDY IN JUSTICE STUDIES 1.00-12.00 Credits**

Written permission must be secured from the supervising instructor and the Chairperson of the Social Sciences Division prior to enrollment. May be repeated.

**JS-491 WORKSHOP IN JUSTICE STUDIES 3.00 Credits****JS-492 SPECIAL TOPICS IN JUSTICE STUDIES 1.00-3.00 Credits****JS-494 SPECIAL TOPICS IN JUSTICE STUDIES 1.00-12.00 Credits****JS-495 PRACTICUM IN JUSTICE STUDIES 1.00-12.00 Credits**

Justice Studies majors obtain field experience supervised by officials of law enforcement, court, and/or corrections agencies.

**JS-499 RESEARCH PROJECT AND SEMINAR IN JUSTICE STUDIES 3.00 Credits**

In this course, students will use the skills and knowledge they have developed during their undergraduate tenure to design and complete a research project in Justice Studies. Graded P/F only. Pre-requisite: PSYC-385 or SS-385 or permission of instructor.

## Kinesiology (KIN)

### Courses

**KIN-120A BALLET 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of dance courses including but not limited to ballet, ballroom, belly, hip hop, jazz, line, modern/contemporary, square, and swing dance. Courses are graded Pass/Fail. Some courses require fees.

**KIN-120B BALLROOM DANCE 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of dance courses including but not limited to ballet, ballroom, belly, hip hop, jazz, line, modern/contemporary, square, and swing dance. Courses are graded Pass/Fail. Some courses require fees.





**KIN-122C BELLY DANCE-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of dance courses including but not limited to ballet, ballroom, belly, hip hop, jazz, line, modern/contemporary, square, and swing dance. Courses are graded Pass/Fail. Some courses require fees.

**KIN-122D CELTIC DANCE-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of dance courses including but not limited to ballet, ballroom, belly, hip hop, jazz, line, modern/contemporary, square, and swing dance. Courses are graded Pass/Fail. Some courses require fees.

**KIN-122E COUNTRY WESTERN DANCE-INTERMEDIATE/ ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of dance courses including but not limited to ballet, ballroom, belly, hip hop, jazz, line, modern/contemporary, square, and swing dance. Courses are graded Pass/Fail. Some courses require fees.

**KIN-122F FOLK DANCE-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of dance courses including but not limited to ballet, ballroom, belly, hip hop, jazz, line, modern/contemporary, square, and swing dance. Courses are graded Pass/Fail. Some courses require fees.

**KIN-122G HAWAIIAN DANCE-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of dance courses including but not limited to ballet, ballroom, belly, hip hop, jazz, line, modern/contemporary, square, and swing dance. Courses are graded Pass/Fail. Some courses require fees.

**KIN-122H HIP HOP DANCE-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of dance courses including but not limited to ballet, ballroom, belly, hip hop, jazz, line, modern/contemporary, square, and swing dance. Courses are graded Pass/Fail. Some courses require fees.

**KIN-122J JAZZ DANCE-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of dance courses including but not limited to ballet, ballroom, belly, hip hop, jazz, line, modern/contemporary, square, and swing dance. Courses are graded Pass/Fail. Some courses require fees.

**KIN-122K LATIN DANCE-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of dance courses including but not limited to ballet, ballroom, belly, hip hop, jazz, line, modern/contemporary, square, and swing dance. Courses are graded Pass/Fail. Some courses require fees.

**KIN-122M LINE DANCE-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of dance courses including but not limited to ballet, ballroom, belly, hip hop, jazz, line, modern/contemporary, square, and swing dance. Courses are graded Pass/Fail. Some courses require fees.

**KIN-122N MODERN/CONTEMPORARY DANCE-INTERMEDIATE/ ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of dance courses including but not limited to ballet, ballroom, belly, hip hop, jazz, line, modern/contemporary, square, and swing dance. Courses are graded Pass/Fail. Some courses require fees.

**KIN-122P SQUARE DANCE-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of dance courses including but not limited to ballet, ballroom, belly, hip hop, jazz, line, modern/contemporary, square, and swing dance. Courses are graded Pass/Fail. Some courses require fees.

**KIN-122Q SOCIAL DANCE-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of dance courses including but not limited to ballet, ballroom, belly, hip hop, jazz, line, modern/contemporary, square, and swing dance. Courses are graded Pass/Fail. Some courses require fees.

**KIN-122R SWING DANCE-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of dance courses including but not limited to ballet, ballroom, belly, hip hop, jazz, line, modern/contemporary, square, and swing dance. Courses are graded Pass/Fail. Some courses require fees.

**KIN-122S SWING COUNTRY WESTERN DANCE- INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of dance courses including but not limited to ballet, ballroom, belly, hip hop, jazz, line, modern/contemporary, square, and swing dance. Courses are graded Pass/Fail. Some courses require fees.

**KIN-122T TAP DANCE-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of dance courses including but not limited to ballet, ballroom, belly, hip hop, jazz, line, modern/contemporary, square, and swing dance. Courses are graded Pass/Fail. Some courses require fees.

**KIN-122U ZUMBA DANCE-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of dance courses including but not limited to ballet, ballroom, belly, hip hop, jazz, line, modern/contemporary, square, and swing dance. Courses are graded Pass/Fail. Some courses require fees.

**KIN-130A BURN/FIRM SPORT CONDITIONING 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-130B BODY SCULPTING 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.





**KIN-130U YOGA-MEDITATION 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-130V YOGA RETREAT WEEKEND 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-130W XFIT 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-130X FITNESS YOGA 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of fitness and group exercise courses including, but not limited to, body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training, and yoga. Courses are graded pass/fail. Some courses require fees.

**KIN-130Y HOT YOGA 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of fitness and group exercise courses including, but not limited to, body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training, and yoga. Courses are graded pass/fail. Some courses require fees.

**KIN-130Z ABS, HIPS, AND GLUTES 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of fitness and group exercise courses including, but not limited to, body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training, and yoga. Courses are graded pass/fail. Some courses require fees.

**KIN-131A BURN/FIRM SPORT CONDITIONING-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-131B BODY SCULPTING-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-131C BOOT CAMP FITNESS-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-131D CONDITIONING-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-131E CONDITIONING FOR ATHLETES-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-131F FITNESS-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-131G JOGGING AND CONDITIONING-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-131H PILATES-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-131I AEROBIC CONDITIONING-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of fitness and group exercise courses including, but not limited to, body sculpting, jogging/conditioning, pilates, spinning, T'ai Chi, weight training, and yoga. Courses are graded pass/fail. Some courses require fees.



**KIN-131J RUN/WALK/JOG-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-131K SPINNING-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction on a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-131L AEROBIC DANCE - BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of fitness and group exercise courses including, but not limited to, body sculpting, jogging/conditioning, pilates, spinning, T'ai Chi, weight training, and yoga. Courses are graded pass/fail. Some courses require fees.

**KIN-131M STEP AEROBICS-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-131N STRENGTH AND CONDITIONING-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-131O HIGH INTENSITY INTERVAL TRAINING - BEG 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of fitness and group exercise courses including, but not limited to, body sculpting, jogging/conditioning, pilates, spinning, T'ai Chi, weight training, and yoga. Courses are graded pass/fail. Some courses require fees.

**KIN-131P T'AI CHI-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-131Q T'AI CHI-MEDITATION-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-131R TRX STRENGTH DEVELOPMENT-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-131S WEIGHT TRAINING-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-131T YOGA-HATHA-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-131U YOGA-MEDITATION-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-131V YOGA RETREAT WEEKEND-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-131W XFIT-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-131X FITNESS YOGA-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of fitness and group exercise courses including, but not limited to, body sculpting, jogging/conditioning, pilates, spinning, T'ai Chi, weight training, and yoga. Courses are graded pass/fail. Some courses require fees.

**KIN-131Y HOT YOGA-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of fitness and group exercise courses including, but not limited to, body sculpting, jogging/conditioning, pilates, spinning, T'ai Chi, weight training, and yoga. Courses are graded pass/fail. Some courses require fees.

**KIN-131Z ABS, HIPS AND GLUTES- BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of fitness and group exercise courses including, but not limited to, body sculpting, jogging/conditioning, pilates, spinning, T'ai Chi, weight training, and yoga. Courses are graded pass/fail. Some courses require fees.

**KIN-132A BURN/FIRM SPORT CONDITIONING- INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-132B BODY SCULPTING-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-132C BOOT CAMP FITNESS-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-132D CONDITIONING-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-132E CONDITIONING FOR ATHLETES-INTERMEDIATE/ ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-132F FITNESS-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-132G JOGGING AND CONDITIONING-INTERMEDIATE/ ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction on a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-132H PILATES-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-132I AEROBIC CONDITIONING-INT/ADV 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of fitness and group exercise courses including, but not limited to, body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training, and yoga. Courses are graded pass/fail. Some courses require fees.

**KIN-132J RUN/WALK/ JOG-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-132K SPINNING-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-132L AEROBIC DANCE-INT/ADV 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of fitness and group exercise courses including, but not limited to, body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training, and yoga. Courses are graded pass/fail. Some courses require fees.

**KIN-132M STEP AEROBICS-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-132N STRENGTH AND CONDITIONING-INTERMEDIATE/ ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-132O HIGH INTENSITY INTERVAL TRAINING-INT/ADV 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of fitness and group exercise courses including, but not limited to, body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training, and yoga. Courses are graded pass/fail. Some courses require fees.

**KIN-132P T'AI CHI-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-132Q T'AI CHI-MEDITATION-INTERMEDIATE/ ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-132R TRX STRENGTH DEVELOPMENT-INTERMEDIATE/ ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-132S WEIGHT TRAINING-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-132T YOGA-HATHA-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-132U YOGA-MEDITATION-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-132V YOGA RETREAT WEEKEND-INTERMEDIATE/ ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of fitness and group exercise courses including but not limited to body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-132W XFIT-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of fitness and group exercise courses including but not limited to bodysculpting, jogging/conditioning , pilates, spinning, step aerobics, T'ai Chi, weight training and yoga. Courses are graded Pass/Fail. Some courses require fees.

**KIN-132X FITNESS YOGA-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of fitness and group exercise courses including, but not limited to, body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training, and yoga. Courses are graded pass/fail. Some courses require fees.

**KIN-132Y HOT YOGA-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of fitness and group exercise courses including, but not limited to, body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training, and yoga. Courses are graded pass/fail. Some courses require fees.

**KIN-132Z ABS, HIPS, AND GLUTES- INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of fitness and group exercise courses including, but not limited to, body sculpting, jogging/conditioning, pilates, spinning, step aerobics, T'ai Chi, weight training, and yoga. Courses are graded pass/fail. Some courses require fees.

**KIN-140A ARCHERY 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to archery, badminton, bowling, disc golf, golf shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/fail. Some courses require fees.

**KIN-140B BADMINTON 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to archery, badminton, bowling, disc golf, golf shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/fail. Some courses require fees.

**KIN-140C BILLIARDS 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to archery, badminton, bowling, disc golf, golf shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/fail. Some courses require fees.

**KIN-140D BOWLING 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to archery, badminton, bowling, disc golf, golf shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/fail. Some courses require fees.

**KIN-140E DISC GOLF 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to archery, badminton, bowling, disc golf, golf shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/fail. Some courses require fees.

**KIN-140F GOLF 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to archery, badminton, bowling, disc golf, golf shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/fail. Some courses require fees.

**KIN-140G GYMNASTICS 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to archery, badminton, bowling, disc golf, golf shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/fail. Some courses require fees.

**KIN-140H HANDBALL 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to archery, badminton, bowling, disc golf, golf shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/fail. Some courses require fees.

**KIN-140J ICE SKATING 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to archery, badminton, bowling, disc golf, golf shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/fail. Some courses require fees.

**KIN-140K PICKLEBALL 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to archery, badminton, bowling, disc golf, golf shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/fail. Some courses require fees.

**KIN-140M SHOTGUN SHOOTING 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to archery, badminton, bowling, disc golf, golf shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/fail. Some courses require fees.

**KIN-140N STUNTS AND TUMBLING 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to archery, badminton, bowling, disc golf, golf shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/fail. Some courses require fees.

**KIN-140P TENNIS 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to archery, badminton, bowling, disc golf, golf shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/fail. Some courses require fees.

**KIN-140Q TRACK AND FIELD 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to archery, badminton, bowling, disc golf, golf shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/fail. Some courses require fees.

**KIN-140R TRIATHALON 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to archery, badminton, bowling, disc golf, golf shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/fail. Some courses require fees.

**KIN-140S RACQUETBALL 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to archery, badminton, bowling, disc golf, golf shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/fail. Some courses require fees.

**KIN-140T RECREATIONAL SPORTS 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to archery, badminton, bowling, disc golf, golf shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/fail. Some courses require fees.



**KIN-141S RACQUETBALL-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of courses including but not limited to archery, badminton, bowling, bicycling, disc golf, golf shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/fail. Some courses require fees.

**KIN-141T RECREATIONAL SPORTS-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of courses including but not limited to archery, badminton, bowling, bicycling, disc golf, golf shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/fail. Some courses require fees.

**KIN-141U RIFLERY-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of courses including but not limited to archery, badminton, bowling, bicycling, disc golf, golf shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/fail. Some courses require fees.

**KIN-141V TABLE TENNIS-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of courses including but not limited to archery, badminton, bowling, bicycling, disc golf, golf shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/fail. Some courses require fees.

**KIN-141W WRESTLING-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of courses including but not limited to archery, badminton, bowling, bicycling, disc golf, golf shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/fail. Some courses require fees.

**KIN-142A ARCHERY-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to archery, badminton, bowling, bicycling, disc golf, golf, shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/Fail. Some courses require fees.

**KIN-142B BADMINTON-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to archery, badminton, bowling, bicycling, disc golf, golf, shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/Fail. Some courses require fees.

**KIN-142C BILLARDS-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to archery, badminton, bowling, bicycling, disc golf, golf, shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/Fail. Some courses require fees.

**KIN-142D BOWLING-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to archery, badminton, bowling, bicycling, disc golf, golf, shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/Fail. Some courses require fees.

**KIN-142E DISC GOLF-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to archery, badminton, bowling, bicycling, disc golf, golf, shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/Fail. Some courses require fees.

**KIN-142F GOLF-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to archery, badminton, bowling, bicycling, disc golf, golf, shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/Fail. Some courses require fees.

**KIN-142G GYMNASTICS-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to archery, badminton, bowling, bicycling, disc golf, golf, shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/Fail. Some courses require fees.

**KIN-142H HANDBALL-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to archery, badminton, bowling, bicycling, disc golf, golf, shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/Fail. Some courses require fees.

**KIN-142J ICE SKATING-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to archery, badminton, bowling, bicycling, disc golf, golf, shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/Fail. Some courses require fees.

**KIN-142K PICKLEBALL-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to archery, badminton, bowling, bicycling, disc golf, golf, shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/Fail. Some courses require fees.



**KIN-142M SHOTGUN SHOOTING-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to archery, badminton, bowling, bicycling, disc golf, golf, shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/Fail. Some courses require fees.

**KIN-142N STUNTS AND TUMBLING-INTERMEDIATE/ ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to archery, badminton, bowling, bicycling, disc golf, golf, shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/Fail. Some courses require fees.

**KIN-142P TENNIS-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to archery, badminton, bowling, bicycling, disc golf, golf, shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/Fail. Some courses require fees.

**KIN-142Q TRACK AND FIELD-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to archery, badminton, bowling, bicycling, disc golf, golf, shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/Fail. Some courses require fees.

**KIN-142R TRIATHALON-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to archery, badminton, bowling, bicycling, disc golf, golf, shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/Fail. Some courses require fees.

**KIN-142S RACQUETBALL-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to archery, badminton, bowling, bicycling, disc golf, golf, shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/Fail. Some courses require fees.

**KIN-142T RECREATIONAL SPORTS-INTERMEDIATE/ ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to archery, badminton, bowling, bicycling, disc golf, golf, shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/Fail. Some courses require fees.

**KIN-142U RIFLERY-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to archery, badminton, bowling, bicycling, disc golf, golf, shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/Fail. Some courses require fees.

**KIN-142V TABLE TENNIS-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to archery, badminton, bowling, bicycling, disc golf, golf, shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/Fail. Some courses require fees.

**KIN-142W WRESTLING-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to archery, badminton, bowling, bicycling, disc golf, golf, shot gun shooting, gymnastics, tennis, track and field, racquetball, wrestling. Courses are graded Pass/Fail. Some courses require fees.

**KIN-150 TEAM SPORTS 1.00-2.00 Credits**

Flag football, field and floor hockey, softball, basketball, volleyball, soccer, team handball, speedball, baseball. Graded P/F only. Some courses require fees.

**KIN-150A AIKIDO 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to judo, karate, kickboxing, mixed martial arts, self defense. Courses are graded Pass/Fail. Some courses require fees.

**KIN-150B CHI GONG 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to judo, karate, kickboxing, mixed martial arts, self defense. Courses are graded Pass/Fail. Some courses require fees.

**KIN-150C FITNESS: 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to judo, karate, kickboxing, mixed martial arts, self defense. Courses are graded Pass/Fail. Some courses require fees.

**KIN-150D FITNESS: 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to judo, karate, kickboxing, mixed martial arts, self defense. Courses are graded Pass/Fail. Some courses require fees.





**KIN-151K KICKBOXING-FITNESS-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of courses including but not limited to judo, karate, kickboxing, mixed martial arts, self defense. Courses are graded Pass/Fail. Some courses require fees.

**KIN-151M MIXED MARTIAL ARTS-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of courses including but not limited to judo, karate, kickboxing, mixed martial arts, self defense. Courses are graded Pass/Fail. Some courses require fees.

**KIN-151N SELF DEFENSE-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of courses including but not limited to judo, karate, kickboxing, mixed martial arts, self defense. Courses are graded Pass/Fail. Some courses require fees.

**KIN-151P TAE KWON DO-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of courses including but not limited to judo, karate, kickboxing, mixed martial arts, self defense. Courses are graded Pass/Fail. Some courses require fees.

**KIN-152A AIKIDO-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to judo, karate, kickboxing, mixed martial arts, self defense. Courses are graded Pass/Fail. Some courses require fees.

**KIN-152B CHI GONG-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to judo, karate, kickboxing, mixed martial arts, self defense. Courses are graded Pass/Fail. Some courses require fees.

**KIN-152C FITNESS-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to judo, karate, kickboxing, mixed martial arts, self defense. Courses are graded Pass/Fail. Some courses require fees.

**KIN-152D FITNESS-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to judo, karate, kickboxing, mixed martial arts, self defense. Courses are graded Pass/Fail. Some courses require fees.

**KIN-152E FITNESS-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to judo, karate, kickboxing, mixed martial arts, self defense. Courses are graded Pass/Fail. Some courses require fees.

**KIN-152F HAPKIDO-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to judo, karate, kickboxing, mixed martial arts, self defense. Courses are graded Pass/Fail. Some courses require fees.

**KIN-152G JUDO-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to judo, karate, kickboxing, mixed martial arts, self defense. Courses are graded Pass/Fail. Some courses require fees.

**KIN-152H KARATE-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to judo, karate, kickboxing, mixed martial arts, self defense. Courses are graded Pass/Fail. Some courses require fees.

**KIN-152J KICKBOXING-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to judo, karate, kickboxing, mixed martial arts, self defense. Courses are graded Pass/Fail. Some courses require fees.

**KIN-152K KICKBOXING-FITNESS-INTERMEDIATE/ ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to judo, karate, kickboxing, mixed martial arts, self defense. Courses are graded Pass/Fail. Some courses require fees.

**KIN-152M MIXED MARTIAL ARTS-INTERMEDIATE/ ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to judo, karate, kickboxing, mixed martial arts, self defense. Courses are graded Pass/Fail. Some courses require fees.

**KIN-152N SELF DEFENSE-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to judo, karate, kickboxing, mixed martial arts, self defense. Courses are graded Pass/Fail. Some courses require fees.

**KIN-152P TAE KWON DO-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to judo, karate, kickboxing, mixed martial arts, self defense. Courses are graded Pass/Fail. Some courses require fees.

**KIN-160 INDIVIDUAL AND DUAL SPORTS 1.00 Credit**

Archery, badminton, cycling, bowling, tennis, track and field, golf, racquetball, wrestling, gymnastics, conditioning, skiing, backpacking, martial arts, aerobics, weight training, jazzercise, billiards, jogging, stretch/flexibility training. Graded P/F only. Some courses require fees.





**KIN-162J HUNTER EDUCATION-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to backpacking, bicycling, camping, climbing, horseback riding, hunter education, skiing, snowboarding, snow shoeing. Courses are graded Pass/Fail. Some courses require fees.

**KIN-162K ORIENTEERING-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to backpacking, bicycling, camping, climbing, horseback riding, hunter education, skiing, snowboarding, snow shoeing. Courses are graded Pass/Fail. Some courses require fees.

**KIN-162M SKIING-DOWNHILL-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to backpacking, bicycling, camping, climbing, horseback riding, hunter education, skiing, snowboarding, snow shoeing. Courses are graded Pass/Fail. Some courses require fees.

**KIN-162N SKIING-CROSS COUNTRY-INTERMEDIATE/ ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to backpacking, bicycling, camping, climbing, horseback riding, hunter education, skiing, snowboarding, snow shoeing. Courses are graded Pass/Fail. Some courses require fees.

**KIN-162P SNOW BOARDING-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to backpacking, bicycling, camping, climbing, horseback riding, hunter education, skiing, snowboarding, snow shoeing. Courses are graded Pass/Fail. Some courses require fees.

**KIN-162Q SNOW SHOEING-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to backpacking, bicycling, camping, climbing, horseback riding, hunter education, skiing, snowboarding, snow shoeing. Courses are graded Pass/Fail. Some courses require fees.

**KIN-170 DANCE 1.00-2.00 Credits**

Folk, social, square, jazz, modern, country swing, and line dances. Graded P/F only. Some courses require fees.

**KIN-170A BASEBALL 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to baseball, basketball, football, soccer, softball, team handball, ultimate Frisbee, volleyball. Courses are graded Pass/Fail. Some courses require fees.

**KIN-170B BASKETBALL 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to baseball, basketball, football, soccer, softball, team handball, ultimate Frisbee, volleyball. Courses are graded Pass/Fail. Some courses require fees.

**KIN-170C FIELD HOCKEY 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to baseball, basketball, football, soccer, softball, team handball, ultimate Frisbee, volleyball. Courses are graded Pass/Fail. Some courses require fees.

**KIN-170D FOOTBALL 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to baseball, basketball, football, soccer, softball, team handball, ultimate Frisbee, volleyball. Courses are graded Pass/Fail. Some courses require fees.

**KIN-170E FOOTBALL-FLAG 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to baseball, basketball, football, soccer, softball, team handball, ultimate Frisbee, volleyball. Courses are graded Pass/Fail. Some courses require fees.

**KIN-170F ICE HOCKEY 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to baseball, basketball, football, soccer, softball, team handball, ultimate Frisbee, volleyball. Courses are graded Pass/Fail. Some courses require fees.

**KIN-170G LACROSSE 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to baseball, basketball, football, soccer, softball, team handball, ultimate Frisbee, volleyball. Courses are graded Pass/Fail. Some courses require fees.

**KIN-170H RUGBY 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to baseball, basketball, football, soccer, softball, team handball, ultimate Frisbee, volleyball. Courses are graded Pass/Fail. Some courses require fees.

**KIN-170J SOCCER 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to baseball, basketball, football, soccer, softball, team handball, ultimate Frisbee, volleyball. Courses are graded Pass/Fail. Some courses require fees.

**KIN-170K SOFTBALL 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to baseball, basketball, football, soccer, softball, team handball, ultimate Frisbee, volleyball. Courses are graded Pass/Fail. Some courses require fees.

**KIN-170M SPEEDBALL 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to baseball, basketball, football, soccer, softball, team handball, ultimate Frisbee, volleyball. Courses are graded Pass/Fail. Some courses require fees.





**KIN-171R VOLLEYBALL-SAND-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of courses including but not limited to baseball, basketball, football, soccer, softball, team handball, ultimate Frisbee, volleyball. Courses are graded Pass/Fail. Some courses require fees.

**KIN-172A BASEBALL-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to baseball, basketball, football, soccer, softball, team handball, ultimate Frisbee, volleyball. Courses are graded Pass/Fail. Some courses require fees.

**KIN-172B BASKETBALL-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to baseball, basketball, football, soccer, softball, team handball, ultimate Frisbee, volleyball. Courses are graded Pass/Fail. Some courses require fees.

**KIN-172C FIELD HOCKEY-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to baseball, basketball, football, soccer, softball, team handball, ultimate Frisbee, volleyball. Courses are graded Pass/Fail. Some courses require fees.

**KIN-172D FOOTBALL-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to baseball, basketball, football, soccer, softball, team handball, ultimate Frisbee, volleyball. Courses are graded Pass/Fail. Some courses require fees.

**KIN-172E FOOTBALL-FLAG-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to baseball, basketball, football, soccer, softball, team handball, ultimate Frisbee, volleyball. Courses are graded Pass/Fail. Some courses require fees.

**KIN-172F ICE HOCKEY-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to baseball, basketball, football, soccer, softball, team handball, ultimate Frisbee, volleyball. Courses are graded Pass/Fail. Some courses require fees.

**KIN-172G LACROSSE-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to baseball, basketball, football, soccer, softball, team handball, ultimate Frisbee, volleyball. Courses are graded Pass/Fail. Some courses require fees.

**KIN-172H RUGBY-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to baseball, basketball, football, soccer, softball, team handball, ultimate Frisbee, volleyball. Courses are graded Pass/Fail. Some courses require fees.

**KIN-172J SOCCER-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to baseball, basketball, football, soccer, softball, team handball, ultimate Frisbee, volleyball. Courses are graded Pass/Fail. Some courses require fees.

**KIN-172K SOFTBALL-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to baseball, basketball, football, soccer, softball, team handball, ultimate Frisbee, volleyball. Courses are graded Pass/Fail. Some courses require fees.

**KIN-172M SPEEDBALL-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to baseball, basketball, football, soccer, softball, team handball, ultimate Frisbee, volleyball. Courses are graded Pass/Fail. Some courses require fees.

**KIN-172N TEAM HANDBALL-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to baseball, basketball, football, soccer, softball, team handball, ultimate Frisbee, volleyball. Courses are graded Pass/Fail. Some courses require fees.

**KIN-172P ULTIMATE FRISBEE-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to baseball, basketball, football, soccer, softball, team handball, ultimate Frisbee, volleyball. Courses are graded Pass/Fail. Some courses require fees.

**KIN-172Q VOLLEYBALL-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to baseball, basketball, football, soccer, softball, team handball, ultimate Frisbee, volleyball. Courses are graded Pass/Fail. Some courses require fees.

**KIN-172R VOLLEYBALL-SAND-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to baseball, basketball, football, soccer, softball, team handball, ultimate Frisbee, volleyball. Courses are graded Pass/Fail. Some courses require fees.

**KIN-180 AQUATICS 1.00 Credit**

Swimming, sailing, canoeing, rafting, fly and bait casting, sculling, aquatic conditioning, lifesaving, water safety instructor. Graded P/F only. Some courses require fees.

**KIN-180A AEROBICS-AQUA 1.00-2.00 Credits**

This course number sequence includes instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.







**KIN-181J LIFE GUARD CERTIFICATION-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-181K PADDLE AND ROW-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-181M RAFTING-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-181N ROWING-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-181P SAILING-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-181Q SCUBA-PADI OPEN WATER-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-181R SWIMMING LESSONS-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-181S SYNCHRONIZED SWIM-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-181T WATER GAMES-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-181U WATER POLO-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-181V WATER SAFETY INSTRUCTOR CERTIFICATION- BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-181W WATERSKIING-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-181X WATER WALKERS-BEGINNING 1.00-2.00 Credits**

This course number sequence includes beginning instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-182A AEROBICS-AQUA-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.



**KIN-182S SYNCHRONIZED SWIMMING-INTERMEDIATE/ ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-182T WATER GAMES-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-182U WATER POLO-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-182V WATER SAFETY INSTRUCTOR CERTIFICATION- INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-182W WATERSKIING-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-182X WATER WALKERS-INTERMEDIATE/ADVANCED 1.00-2.00 Credits**

This course number sequence includes intermediate/advanced instruction in a variety of courses including but not limited to aquatic conditioning, canoeing, fly casting, life guard certification, paddle/row, rafting, scuba diving, swim lessons, water games, Water Safety Instructor certification (WSI), water aerobics, water walkers. Courses are graded Pass/Fail. Some courses require fees.

**KIN-189 GARDENING FOR WELLNESS 1.00 Credit**

Wellness is an active, lifelong process of becoming aware of choices and making decisions toward a more balanced and fulfilling life. Wellness is centered on connections and the idea that the mind, body, spirit, and community are all interrelated and interdependent. The primary purpose of this class is to practice and explore gardening as a lifelong wellness activity. The secondary purpose is to participate in campus and community gardens, using gardening time and projects to enhance these gardens for educational purposes.

**KIN-190 DIRECTED STUDY IN KINESIOLOGY 1.00-12.00 Credits****KIN-192 SPECIAL TOPICS IN KINESIOLOGY 1.00-12.00 Credits**

Selected topics of current interest related to coaching, sport administration, fitness and wellness.

**KIN-215 WEIGHT MANAGEMENT 1.00 Credit**

Weight management is complex and involves a variety of lifestyle changes. This course is designed to give students the practical skills and tools needed to avoid common roadblocks and obstacles encountered in weight management. Using evidence based approaches to weight management, this course will encompass a variety of interdisciplinary topics, including nutrition, physical activity, behavior change, goal setting, stress management, improved sleep, genetics, culture, environment, and community-based opportunities.

**KIN-216 PHYSICAL EDUCATION FOR THE ELEMENTARY TEACHER 2.00 Credits**

Designed to aid the classroom teacher in developing and implementing physical education programs in elementary and middle schools. Cross-listed with ED-216.

**KIN-220 SOCIAL-CULTURAL ASPECTS OF SPORTS 3.00 Credits**

Investigation and discussion of the interrelationship among sports, culture and society. Broad overview of selected socio-cultural factors influencing and affected by sport. Introduction to the academic discipline of Sociology of Sport.

**KIN-221 HISTORY OF SPORT 3.00 Credits**

This course is designed to explore sport and its place in history. Additionally, the intersection of sport with race, ethnicity, sex, gender, class, labor, capital, politics, patriotism, and national identity will be explored.

**KIN-241 SPORTS OFFICIATING 2.00 Credits**

General mechanics of game administration and officiating football, basketball, softball, baseball, volleyball and/or soccer. Following study of rules and sport specific techniques, the student will practice by officiating games.

**KIN-248 SPORTS MEDICINE 3.00 Credits**

Laboratory and classroom experience related to the cause, prevention, rehabilitation and care of sports injuries. General principles of injury prevention and safety will be covered. This class is designed for coaches, teachers and those interested in sports medicine. Fee required.

**KIN-260 INTRODUCTION TO KINESIOLOGY AND HEALTH 1.00 Credit**

An introductory course for students interested in careers in sport administration, coaching, exercise science, personal training, corporate fitness and wellness, recreation, and physical education teaching. An overview of careers, professional literature and organizations, current issues, philosophy, and history.

**KIN-261 SKILL AND ANALYSIS: COURT SPORTS 1.00 Credit**

This course is designed for the personal improvement in the skill and knowledge necessary to teach and participate in Court Sports such as: pickleball, badminton, tennis, basketball, volleyball, etc. This will occur through a survey of applications and techniques of the sports as well as classroom management practices. Students will also establish competence in safety considerations and appropriate teaching progressions. This class will prepare students to teach Court Sports in a sequential and developmental manner. Material can be applied to schools, recreation programs and coaching.

**KIN-262 SKILL AND ANALYSIS: FIELD SPORTS 1.00 Credit**

This course is designed for the personal improvement in the skill and knowledge necessary to teach and participate in Field Sports such as: softball, Ultimate Frisbee, soccer, flag football, etc. This will occur through a survey of applications and techniques of the sports as well as classroom management practices. Students will also establish competence in safety considerations and appropriate teaching progressions. This class will prepare students to teach Field Sports in a sequential and developmental manner. Material can be applied to schools, recreation programs and coaching.

**KIN-267 SKILL/ANALYSIS: STRENGTH DEVELOPMENT 1.00 Credit**

This course is designed to give the student a working knowledge of strength development and its many benefits. Class time will be devoted to learning proper techniques, program design, and the many variations in training. The skills and knowledge gained in this class will prepare each student to work with a variety of clients in developing muscle endurance and strength for enhanced health and performance.

**KIN-268 SKILL AND ANALYSIS: CORE AND FLEXIBILITY 1.00 Credit**

This course is designed to give students interested in personal training, strength and conditioning coaches and other fitness professionals the working knowledge needed to provide safe, effective and appropriate core and flexibility programs. The course will teach students to recognize dysfunctional movement patterns and identify weak or tight muscles of the core, the central region of the human body, consisting of musculoskeletal structures from the abdomen, the spine, the pelvis and the hips (Kibler et al. 2006). With this knowledge students will learn how to design a core training program based on the individual goals, needs and fitness levels of clients. The course will also introduce stretching methodology and evidence-based program designs. Numerous flexibility exercises that can be used to develop safe, effective stretching programs that address increased flexibility, enhanced athletic performance and the reduction of injuries will be covered. This course is essential for strength and conditioning coaches, personal trainers, group fitness instructors or rehabilitation professionals.

**KIN-269 SKILL AND ANALYSIS: EDUCATIONAL GYM&MOV 1.00 Credit**

This course is designed for the personal improvement in the skill of in Educational Gymnastics (EG) and Movement Forms (MF) through a survey of applications and techniques of the activities as well as classroom management practices. This class will prepare students to teach EG and MF in a sequential and developmental manner. Material can be applied to schools, recreation programs and coaching.

**KIN-272 FITNESS AND WELLNESS 3.00 Credits**

Provides students with skills and knowledge to practice health-enhancing behaviors and reduce health risks to themselves and others. Focuses on holistic health, exercise, nutrition, substance use and abuse, stress management, posture, care of the back and neck, prevention of cancer and sexually transmitted diseases. Students will use goal-setting and decision-making skills that enhance health. Lecture and participation in physical activity. Cross-listed with HLTH-272.

**KIN-290 DIRECTED STUDY IN KINESIOLOGY 1.00-12.00 Credits****KIN-291 WORKSHOP IN KINESIOLOGY 1.00-12.00 Credits**

Workshops in Kinesiology, Physical Education, Athletics, Sports Medicine, and/or Health Promotion.

**KIN-292 SPECIAL TOPICS IN KINESIOLOGY 1.00-12.00 Credits**

Selected topics of current interest related to coaching, sport administration, fitness and wellness.

**KIN-295 PRACTICUM IN KINESIOLOGY 1.00-12.00 Credits****KIN-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits**

Graded P/F only.

**KIN-340 ADVANCED COACHING THEORY 2.00 Credits**

This course is designed to provide students with the knowledge and skills needed for success in the coaching profession. In addition, students will understand how to use their skill set in a practical and applied manner. Topics to be covered include, but are not limited to, building a coaching philosophy, recruiting practices and principles, camp design and facilitation, and understanding and implementing the NASPE National Coaching Standards. Students who complete this course will also complete the National Federation of State High School Associations (NFHS) fundamentals of Coaching Certification.

**KIN-341 TECHNIQUES AND METHODS OF COACHING BASKETBALL 2.00 Credits**

Examines skill development, coaching techniques, offensive and defensive styles of play, game strategies, conditioning techniques, and care and selection of equipment. Reviews current research and issues.

**KIN-342 TECHNIQUES AND METHODS OF COACHING BASEBALL 2.00 Credits**

Examines skill development, coaching techniques, offensive and defensive styles of play, game strategies, conditioning techniques, and care and selection of equipment. Applications made to the coaching of softball. Reviews current research and issues.

**KIN-343 TECHNIQUES AND METHODS OF COACHING TRACK AND FIELD 2.00 Credits**

Examines skill development, coaching techniques, offensive and defensive styles of play, game strategies, conditioning techniques, and care and selection of equipment. Reviews current research and issues.

**KIN-344 TECHNIQUES AND METHODS OF COACHING FOOTBALL 2.00 Credits**

Examines skill development, coaching techniques, offensive and defensive styles of play, game strategies, conditioning techniques, and care and selection of equipment. Reviews current research and issues.

**KIN-345 TECHNIQUES AND METHODS OF COACHING VOLLEYBALL 2.00 Credits**

Examines skill development, coaching techniques, offensive and defensive styles of play, game strategies, conditioning techniques, and care and selection of equipment. Reviews current research and issues.

**KIN-346 TECHNIQUES AND METHODS OF COACHING SOCCER 2.00 Credits**

Examines skill development, coaching techniques, offensive and defensive styles of play, game strategies, conditioning techniques, and care and selection of equipment. Reviews current research and issues.

**KIN-347 TECHNIQUES AND METHODS OF COACHING TENNIS AND GOLF 2.00 Credits**

Examines skill development, coaching techniques, offensive and defensive styles of play, game strategies, conditioning techniques, and care and selection of equipment. Reviews current research and issues.

**KIN-349 TECHNIQUES AND METHODS OF COACHING WRESTLING 2.00 Credits**

Examines skill development, coaching techniques, offensive and defensive styles of play, game strategies, conditioning techniques, and care and selection of equipment. Reviews current research and issues.

**KIN-352 YOUTH SPORTS AND RECREATION 3.00 Credits**

Methods, materials and practice in performing, teaching and coaching K-8 age appropriate physical activity. Includes assessment techniques, curriculum design and organizational procedures for teacher education students. Pre-requisite: Sophomore standing. Fee required.

**KIN-355 STRATEGIES FOR TEACHING PHYSICAL ACTIVITIES 3.00 Credits**

Designed to prepare students who will teach or coach sports and physical activity to adolescents and adults in schools as well as in private and public recreation programs. Focuses on lesson design, best teaching/coaching practices, program planning, organization and administration. Includes participation and skill analysis in a variety of activities. Fee required.

**KIN-361 BIOMECHANICS LABORATORY 1.00 Credit**

Laboratory component of the biomechanics course. Emphasis will be place on the application of concepts learned in lecture to rehabilitation and sport situations. This will occur through hands-on activities and experiments involving contemporary forms of biomechanical instrumentation. Pre-requisite/co-requisite: KIN-363.

**KIN-362 BIOMECHANICS 3.00 Credits**

The anatomical and mechanical analysis of the body in motion. Pre-requisite: BIOL-175 or BIOL-227 and Math Level C or higher. Core math ready (excluding 153P and 123P) or core math complete. See Course Placement Chart for equivalent courses and test scores.

**KIN-363 PHYSIOLOGY OF EXERCISE 3.00 Credits**

The study of how the human body adapts physiologically to the acute stress of exercise or physical activity, and the chronic stress of physical training. Fee required. Recommended pre-requisite: KIN-272/HLTH-272 and/or BIOL-175 or BIOL-252.

**KIN-364 EXERCISE PHYSIOLOGY LABORATORY 1.00 Credit**

The application of physiological principles toward understanding the physiological adjustments that occur to maintain homeostasis in the exercising human. Pre-requisite/co-requisite: KIN-362.

**KIN-365 CLINICAL EXERCISE PHYSIOLOGY & PRESCRIPTION 3.00 Credits**

This course provides the foundational understanding of the pathophysiological processes of various common chronic conditions. Emphasis will be placed on the acute and chronic responses to exercise in patients at risk for or having cardiac, pulmonary, metabolic and other diseases. Pre-requisite: KIN-363.

**KIN-370 MOTOR LEARNING/MOTOR DEVELOPMENT 3.00 Credits**

Provides the teacher, coach, or self-instructing athlete with a comprehensive understanding of the developmental (physical, psychological, and social) processes involved in the learning of sport skills. Explores useful training ideas for all types of performers (beginners-advanced, young-old, male-female) in all types of sports and wellness professionals.

**KIN-381 TESTS AND MEASUREMENTS IN PHYSICAL EDUCATION 3.00 Credits**

The study of basic statistical methods and research design as applied in Kinesiology. Pre-requisite: A grade of 'C' or better in MATH-025 or appropriate placement score.



**KIN-390 DIRECTED STUDY IN KINESIOLOGY 1.00-12.00 Credits****KIN-391 WORKSHOP IN KINESIOLOGY 1.00-12.00 Credits****KIN-392 SPECIAL TOPICS IN KINESIOLOGY 1.00-12.00 Credits****KIN-395 PRACTICUM IN KINESIOLOGY 1.00-12.00 Credits****KIN-399 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits**

Graded P/F only.

**KIN-410 SPORTS PSYCHOLOGY 3.00 Credits**

Application of the principles and methodologies of psychology to athletics. Topics include individual philosophies of sport, motivation, personality of coaches and athletes, recreational sports for children, psychological testing, training and learning principles, mind/body relationships, and the effects of anxiety, arousal, and relaxation on performance and current research in the field. Pre-requisite: PSYC-101 or PSYC-205 or permission of instructor and Sophomore Standing. Cross-listed with PSYC-410.

**KIN-411 EXERCISE PSYCHOLOGY 3.00 Credits**

The application of the principles and methodologies of psychology to physical activity and sedentary behavior. Pre-requisite: PSYC-101 or permission from the instructor.

**KIN-421 PHILOSOPHY OF SPORT 3.00 Credits**

This course is designed to introduce students to philosophical concepts and their application to sport.

**KIN-425 ETHICAL DECISION-MAKING SPORT LEADERS 3.00 Credits**

The study of moral reasoning, rationality, and reflection on ethical dilemmas in sport using nonfiction short stories, documentary video, and movies. Pre-requisite: A grade of 'C' or better in ENGL-101 or appropriate placement score and Junior standing.

**KIN-433 BALANCE AND MOBILITY 3.00 Credits**

The course is designed for students interested in helping individuals especially senior citizens protect themselves from injury-causing falls. The course content will focus on the aging process, postural strategies, gait patterns, multi-sensory training, strength/flexibility activities, and balance/mobility assessments and strategies. Students will learn how to administer screenings and assessments, develop health plans, design lessons/activities and teach classes. Pre-requisite: Sophomore standing.

**KIN-434 EXERCISE PRESCRIPTION 3.00 Credits**

Students will learn to evaluate and write exercise programs for a variety of fitness parameters including oxygen utilization, body composition, flexibility, muscular endurance, muscular strength, aerobic capacity. Pre-requisite: KIN-272 and KIN-381.

**KIN-435 AGING AND PHYSICAL ACTIVITY 3.00 Credits**

This course is designed to provide students an understanding of the aging process particularly in relation to aspects of health and wellness. Intergenerational service learning, consisting of structured, planned activities involving meaningful interaction between students and older adults will serve as the foundation of the course format.

**KIN-436 PERSONAL/GROUP TRAINING CERT PREP 3.00 Credits**

The purpose of this course is to give students the knowledge, skills and abilities needed to prepare and help pass widely recognized certified personal training (CPT) exams and group fitness (GFI) exams. The course will also provide necessary up-to-date content for individuals striving to stay informed amid ongoing advances in exercise and fitness research.

**KIN-467 PHYSICAL ACTIVITY AND RECREATION FOR INDIVIDUALS WITH SPECIAL NEEDS 3.00 Credits**

Study of the categories of exceptionality. Socio-cultural dimensions of learning and teaching are examined. Strategies for teaching and assisting individuals with special needs and a wide variety of abilities in sport and physical activity. Includes field experiences with Special Olympics, physical and occupational therapists, and adapted physical educators in schools. Cross-listed with SE-467.

**KIN-472 OUTDOOR EDUCATION 3.00 Credits**

Study and practice of outdoor leadership skills, expedition planning, environmental ethics. Students will learn a variety of outdoor skills including backpacking, cross-country skiing, fly and bait casting, orienteering rock climbing and biking. Field trips will be required. Cross-listed with RC-472.

**KIN-484 COMMUNITY RELATIONS IN SPORT 3.00 Credits**

This course is designed to introduce students to areas of community relations in sport, including, but not limited to public relations campaigns, the relationship between sport organizations and media, and effective communication strategies with the media and other stakeholders.

**KIN-485 SPORT LAW 3.00 Credits**

This course is designed to introduce students to common legal concepts and to explore legal cases which have an impact on the business and culture of sport.

**KIN-486 ORGANIZATION AND ADMINISTRATION OF HEALTH, PHYSICAL EDUCATION, RECREATION, ATHLETICS 3.00 Credits**

Designed for administration in athletics, schools, recreation, private sector fitness/wellness programs. Students will explore legal issues, economics, finance and governance in sports while developing skills in computing, budgeting, marketing, fundraising, event management, program planning, scheduling, facility and personnel management. Pre-requisite: Sophomore Standing.

**KIN-487 SPORT ADMINISTRATION 3.00 Credits**

This senior level class will explore various topics specific to the administration of sport and recreation including marketing, legal aspects, finance and economics. Application of information exchanged in this class is an integral component of this course. Pre-requisite: Junior Standing.

**KIN-488 SPORT FACILITIES AND EVENT MANAGEMENT 3.00 Credits**

Study and practice of how to construct and manage a sport facility. Students will learn the planning and implementation process of constructing a new sport facility. Students will also learn sport facility management skills including the basics of facility management, marketing and sales in relation to the sport facility, finance and budgeting, facility preparation, implanting a security plan, concession management, and box office management. Pre-requisite: Sophomore standing.

**KIN-489 SPORT MARKETING AND ADVERTISING 3.00 Credits**

This course is designed to connect the application of marketing principles to practice through an in-depth examination of theory, research, and current issues in the marketing of sport products, sporting events, sport facilities, sport teams, and sport programs. Students will explore the marketing mix as it relates to the consumer decision-making process through the development of an advertising campaign. Concepts covered include the marketing mix, types of sport consumers, event marketing concepts, advertising, social media and internet advertising methods. Pre-requisite: Junior class standing.

**KIN-490 DIRECTED STUDY IN KINESIOLOGY 1.00-12.00 Credits****KIN-491 WORKSHOP IN KINESIOLOGY 1.00-12.00 Credits**

Workshops in Kinesiology, Physical Education, Athletics, Sports Medicine, and/or Health Promotion.

**KIN-492 SPECIAL TOPICS IN KINESIOLOGY 1.00-12.00 Credits**

Selected topics of current interest related to coaching, sport administration, fitness and wellness.

**KIN-494 INTERNSHIP IN KINESIOLOGY 1.00-12.00 Credits**

Application of advanced coursework, skills and knowledge to a supervised, practical experience in Kinesiology, Sports Administration, Coaching, Physical Education, Sports Medicine, Physical/Occupational Therapy, Fitness and Wellness. Pre-requisite: Instructor's permission.

**KIN-495 PRACTICUM IN KINESIOLOGY 1.00-12.00 Credits****KIN-498 SENIOR RESEARCH PROJECT I 3.00 Credits**

Required of all Senior Kinesiology Majors. This course is designed to be followed by KIN 499 Senior Research/Project II. Students are introduced to basic research methods and current topics in their field of study. Students select a topic and prepare a detailed written review of the related literature and description of the study/project design. Pre-requisite: KIN-381 or any Statistics Course and completed 90+ credits.

**KIN-499 RESEARCH PROJECT/SEMINAR II 3.00 Credits**

This course is required of all Senior Kinesiology majors. This course is designed to follow KIN 498 Senior Research/Project I. Students will apply basic research concepts and processes to implement, analyze, and evaluate the research study or project they completed in KIN-498. Students communicate findings in writing and a public presentation during the campus wide spring senior symposium. This course is writing intensive. Pre-requisite: KIN-498.

**KIN-510 APPLIED SPORT PSYCHOLOGY 3.00 Credits**

The primary goal of the course is to develop and enhance students' knowledge of concepts and techniques of performance psychology and their application to achieving important objectives in sport. The course and textbooks combine theory and research with the practical knowledge and methods of expert performance psychology consultants. Principles and practical applications are presented conjunctively throughout the course. Class time will be dedicated to understanding and applying the various aspects of sport psychology, including psychological skills training. Acceptance into Graduate Sport Coaching Certificate Program required.

**KIN-520 COACHING COMPETITIVE ETHICS 3.00 Credits**

The purpose of this course is to enable the student to understand and apply ethical values as a practitioner (coach) in the realm of competitive sport. Acceptance into Graduate Sport Coaching Certificate Program required.

**KIN-563 APPLIED SPORT PHYSIOLOGY 3.00 Credits**

The primary goal of this course is to provide students with an overview of important physiological concepts and their application to achieving important objectives in sport. Students will explore physiology topics in the neuromuscular, endocrine, metabolic, and cardiovascular systems. The practical application of these topics will be examined through principles of training including endurance, power, strength, and program development. Class time will be dedicated to understanding and applying the various aspects of sport physiology to enable students to competently train athletes in their future careers. Acceptance into Graduate Sport Coaching Certificate Program required.

**KIN-594 SPORT COACHING INTERNSHIP 6.00 Credits**

The purpose of this course is to engage in and enhance sport coaching skill and proficiency working with an age group and competitive level of your choice. Acceptance into Graduate Sport Coaching Certificate Program required.

# Law/BTS (LAWPT)

## Courses

**LAWPT-190 DIRECTED STUDY IN LAW 1.00-6.00 Credits**

**LAWPT-191 WORKSHOP IN LAW 1.00-6.00 Credits**

**LAWPT-192 SPECIAL TOPIC IN LAW 1.00-6.00 Credits**

**LAWPT-194 INTERNSHIP IN LAW 1.00-12.00 Credits**

**LAWPT-194A INTERNSHIP IN LAW I 1.00-6.00 Credits**

Internship in Law.

**LAWPT-194B INTERNSHIP IN LAW II 1.00-6.00 Credits**

Continuation of LAWPT 194A as a 100-level internship in Law.

**LAWPT-194C INTERNSHIP IN LAW III 1.00-6.00 Credits**

Continuation of LAWPT 194B as an intermediate 100-level internship in Law.

**LAWPT-194D INTERNSHIP IN LAW IV 1.00-6.00 Credits**

Continuation of LAWPT 194C as an intermediate to advanced 100-level internship in Law.

**LAWPT-219 LEGAL TERMINOLOGY 3.00 Credits**

Looks at multiple areas of law and the legal terminology relevant to each area.

**LAWPT-221 LEGAL TRANSCRIPTION 1.00-3.00 Credits**

Instruction and intensive practice in transcription procedures. Students will produce mailable legal documents and correspondence from voice transcribers. May be repeated up to 3 credits.

**LAWPT-223 LEGAL SUPPORT FUNDAMENTALS AND ETHICS 3.00 Credits**

A survey of the history, description, and role of legal assistants and paralegals and the professional rules of conduct that govern their work with lawyers.

**LAWPT-224 INTRODUCTION TO LAW 3.00 Credits**

An introduction to the American legal system and the role the law plays in society. Course will focus on the following areas: Foundation of American Law, Dimensions of Public Law, and Dimensions of Private Law.

**LAWPT-230 LEGAL RESEARCH AND WRITING I 3.00 Credits**

Students will learn to identify, locate, and properly cite primary and secondary authority. The course will examine both on-line sources and sources available in a law library. Recommended pre-requisite: ENGL 101 or GNBPT 122 or permission of instructor.

**LAWPT-233 BANKRUPTCY LAW AND PROCEDURES 3.00 Credits**

Study of Bankruptcy Act relating to filing and completion of bankruptcy and wage earner proceedings.

**LAWPT-253 LEGAL OFFICE EXPERIENCE 1.00-6.00 Credits**

Field experience in a local law-related office providing supervised training in legal tasks.

**LAWPT-265 BUSINESS LAW I 3.00 Credits**

Course includes an introduction to the American legal system and contract, consumer, personal, criminal, real and personal property law, torts, the court system, and contemporary legal problems in the business environment.

**LAWPT-274 LEGAL PROCEDURES 3.00 Credits**

Develop technical skills required for working in the legal profession. Instruction includes legal terminology, document format and preparation in various areas of law, and procedures that are specific to a legal office or practice. Pre-requisite: GNBPT-233.

**LAWPT-290 DIRECTED STUDY IN LAW 1.00-6.00 Credits**

**LAWPT-291 WORKSHOP IN LAW 1.00-6.00 Credits**

**LAWPT-292 SPECIAL TOPICS IN LAW 1.00-6.00 Credits**

**LAWPT-294 INTERNSHIP IN LAW 1.00-12.00 Credits**

**LAWPT-294A INTERNSHIP IN LAW I 1.00-6.00 Credits**

Internship in Law.

**LAWPT-294B INTERNSHIP IN LAW II 1.00-6.00 Credits**

Continuation of LAWPT 294A as a 200-level internship in Law.

**LAWPT-294C INTERNSHIP IN LAW III 1.00-6.00 Credits**

Continuation of LAWPT 294B as an intermediate 200-level internship in Law.

**LAWPT-294D INTERNSHIP IN LAW IV 1.00-6.00 Credits**

Continuation of LAWPT 294C as an intermediate to advanced 200-level internship in Law.



**LAWPT-321 REAL ESTATE LAW AND PROCEDURES 3.00 Credits**

The principles and theories of the law of real estate will be studied. In addition, the students will have a "hands-on" opportunity to study the procedures and documents necessary to apply such theory to assist a lawyer practicing in the field of Real Estate.

**LAWPT-322 PARALEGAL PROCEDURES FOR CRIMINAL LAW 3.00 Credits**

Students will study the principles of criminal law, criminal procedures, the criminal justice system, and the US Constitution and how they relate to one another. Also, students will gain an understanding of the importance in representing and/or prosecuting the criminal client.

**LAWPT-323 CIVIL LITIGATION 3.00 Credits**

In-depth study of the first phases of the civil litigation process from the legal system through filing a civil lawsuit and conducting investigations. Overviews of trial and post-trial procedures are also provided. Throughout the course the students will build proficiency in the specific competencies required of them as a member of the legal team. Pre-requisite: LAWPT-274.

**LAWPT-324 ADVANCED CIVIL LITIGATION 3.00 Credits**

The course continues the students' in-depth education in the civil litigation process from motions practice through post-trial procedure. Throughout the course the students will build proficiency in the specific competencies required of them as a member of the legal team. Pre-requisite: LAWPT-323.

**LAWPT-331 LEGAL RESEARCH AND WRITING II 3.00 Credits**

Continuation of LAWPT-230 with an emphasis in legal writing. Pre-requisite: LAWPT-230 or permission of instructor.

**LAWPT-332 WILLS, TRUSTS, AND ESTATES 3.00 Credits**

Designed to give students an overview of the theory and principles in this area of the law. The course will look at the requirements and formalities of drafting and executing wills and trusts and will provide students with an understanding of the probate process.

**LAWPT-341 BUSINESS ORGANIZATIONS 2.00 Credits**

Study of the substantive and procedural law surrounding the five major business structures: sole proprietorships, general partnerships, limited partnerships, limited liability companies, and corporations. Emphasis is placed on organizational structure and the manner in which business organizations are formed, operated, maintained, and dissolved. Pre-requisite: LAWPT 265 or LAWPT 365 or BUS 365 or permission of instructor.

**LAWPT-342 FAMILY LAW 3.00 Credits**

This course examines the area of family law, including divorce, separation, custody, adoption, guardianship, and court procedures. In addition, students will prepare a variety of legal documents necessary in working with a family law attorney.

**LAWPT-345 TORT LAW 3.00 Credits**

Introduces students to the law of torts. This area of the law is concerned with an individual's rights with regard to civil wrongs. Pre-requisite: LAWPT-224 or LAWPT-230, or permission of instructor.

**LAWPT-365 BUSINESS LAW II 3.00 Credits**

Course includes an introduction to the American legal system and contract, consumer, personal, criminal, real and personal property law, torts, the court system, and contemporary legal problems in the business environment. Students enrolled in this course will be required to complete more complex topic exercises in addition to a final research project.

**LAWPT-367 INTERNSHIP IN LAW 1.00-6.00 Credits**

Field experience working as a paralegal in local law offices or other law-related environment. Pre-requisite: permission of instructor.

**LAWPT-390 DIRECTED STUDY IN LAW 1.00-6.00 Credits****LAWPT-391 WORKSHOP IN LAW 1.00-6.00 Credits****LAWPT-392 SPECIAL TOPICS IN LAW 1.00-6.00 Credits****LAWPT-394 INTERNSHIP IN LAW 1.00-12.00 Credits****LAWPT-394A INTERNSHIP IN LAW I 1.00-6.00 Credits**

Internship in Law.

**LAWPT-394B INTERNSHIP IN LAW II 1.00-6.00 Credits**

Continuation of LAWPT 394A as a 300-level internship in Law.

**LAWPT-394C INTERNSHIP IN LAW III 1.00-6.00 Credits**

Continuation of LAWPT 394B as an intermediate 300-level internship in Law.

**LAWPT-394D INTERNSHIP IN LAW IV 1.00-6.00 Credits**

Continuation of LAWPT 394C as an intermediate to advanced 300-level internship in Law.

**LAWPT-490 DIRECTED STUDY IN LAW 1.00-6.00 Credits****LAWPT-491 WORKSHOP IN LAW 1.00-6.00 Credits****LAWPT-492 SPECIAL TOPICS IN LAW 1.00-6.00 Credits****LAWPT-494 INTERNSHIP IN LAW 1.00-12.00 Credits****LAWPT-494A INTERNSHIP IN LAW I 1.00-6.00 Credits**

Internship in Law.

**LAWPT-494B INTERNSHIP IN LAW II 1.00-6.00 Credits**

Continuation of LAWPT 494A as a 400-level internship in Law.

**LAWPT-494C INTERNSHIP IN LAW III 1.00-6.00 Credits**

Continuation of LAWPT 494B as an intermediate 400-level internship in Law.

**LAWPT-494D INTERNSHIP IN LAW IV 1.00-6.00 Credits**

Continuation of LAWPT 494C as an intermediate to advanced 400-level internship in Law.

## Management/BTS (MGTPPT)

### Courses

**MGTPPT-101 INTRODUCTION TO BUSINESS 3.00 Credits**

Increases student awareness of business functions and the business environment. Crosslisted with BUS-101.

**MGTPPT-190 DIRECTED STUDY IN MANAGEMENT 1.00-6.00 Credits****MGTPPT-191 WORKSHOP IN MANAGEMENT 1.00-6.00 Credits****MGTPPT-192 SPECIAL TOPICS IN MANAGEMENT 1.00-6.00 Credits****MGTPPT-194 INTERNSHIP IN MANAGEMENT 1.00-12.00 Credits****MGTPPT-194A INTERNSHIP IN MANAGEMENT I 1.00-6.00 Credits**

Internship in Management.

**MGTPPT-194B INTERNSHIP IN MANAGEMENT II 1.00-6.00 Credits**

Continuation of MGTPPT 194A as a 100-level internship in Management.

**MGTPPT-194C INTERNSHIP IN MANAGEMENT III 1.00-6.00 Credits**

Continuation of MGTPPT 194B as an intermediate 100-level internship in Management.

**MGTPPT-194D INTERNSHIP IN MANAGEMENT IV 1.00-6.00 Credits**

Continuation of MGTPPT 194C as an intermediate to advanced 100-level internship in Management.

**MGTPPT-205 SMALL BUSINESS MANAGEMENT 3.00 Credits**

Studies basic factors involved in initiating and managing a business enterprise. Emphasis on business objectives, failure and success factors, problems of a new business, locations, facilities, staffing, planning, and financing. Students will relate these factors to local business operations and will develop a business plan.

**MGTPPT-220 SUPERVISION 3.00 Credits**

Prepares students for a role as a front line supervisor. It is intended to be a capstone course for any business-type program. Concept applications include employee motivation, hiring, firing, development, mentoring, organization, and other contemporary issues.

**MGTPPT-270 BUSINESS ETHICS 3.00 Credits**

This course introduces basic business ethical concepts, principles, and examples. Topics focus on solving moral dilemmas and introduce the stakeholder and issues management methods as a strategic and practical way for applying ethical reasoning in the workplace. Emphasis is placed on establishing solid decision criteria, moral creativity, and responsibility in ethical reasoning. This course also fosters an awareness of corporate responsibility in advertising, product safety and liability, and the environment. Timely ethical issues such as globalization, discrimination, sexual harassment, and whistle-blowing will be discussed as they relate to the workplace.

**MGTPPT-275 INTRO HUMAN RESOURCE MANAGEMENT 3.00 Credits**

The course is an introductory course in the principles of planning, directing and controlling people functions in an organization. Emphasis is on the effective implementation of a comprehensive human resources program, including the recruitment, development, evaluation, and motivation of employees. The curriculum is designed to provide a basic understanding as well as appreciation of the importance of human resource management in today's competitive business environment, as well as the HR information students will need to be effective managers in either a large or small company setting. The course will also examine the impact of human resource management practices and decisions on both organizational and individual performance.

**MGTPPT-290 DIRECTED STUDY IN MANAGEMENT 1.00-6.00 Credits****MGTPPT-291 WORKSHOP IN MANAGEMENT 1.00-6.00 Credits****MGTPPT-292 SPECIAL TOPICS IN MANAGEMENT 1.00-6.00 Credits****MGTPPT-294 INTERNSHIP IN MANAGEMENT 1.00-12.00 Credits****MGTPPT-294A INTERNSHIP IN MANAGEMENT I 1.00-6.00 Credits**

Internship in Management.

**MGTPPT-294B INTERNSHIP IN MANAGEMENT II 1.00-6.00 Credits**

Continuation of MGTPPT 294A as a 200-level internship in Management.

**MGTPT-294C INTERNSHIP IN MANAGEMENT III 1.00-6.00 Credits**

Continuation of MGTPT 294B as an intermediate 200-level internship in Management.

**MGTPT-294D INTERNSHIP IN MANAGEMENT IV 1.00-6.00 Credits**

Continuation of MGTPT 294C as an intermediate to advanced 200-level internship in Management.

**MGTPT-390 DIRECTED STUDY IN MANAGEMENT 1.00-6.00 Credits****MGTPT-391 WORKSHOP IN MANAGEMENT 1.00-6.00 Credits****MGTPT-392 SPECIAL TOPICS IN MANAGEMENT 1.00-6.00 Credits****MGTPT-394 INTERNSHIP IN MANAGEMENT 1.00-12.00 Credits****MGTPT-394A INTERNSHIP IN MANAGEMENT I 1.00-6.00 Credits**

Internship in Management.

**MGTPT-394B INTERNSHIP IN MANAGEMENT II 1.00-6.00 Credits**

Continuation of MGTPT 394A as a 300-level internship in Management.

**MGTPT-394C INTERNSHIP IN MANAGEMENT III 1.00-6.00 Credits**

Continuation of MGTPT 394B as an intermediate 300-level internship in Management.

**MGTPT-394D INTERNSHIP IN MANAGEMENT IV 1.00-6.00 Credits**

Continuation of MGTPT 394C as an intermediate to advanced 300-level internship in Management.

**MGTPT-490 DIRECTED STUDY IN MANAGEMENT 1.00-6.00 Credits****MGTPT-491 WORKSHOP IN MANAGEMENT 1.00-6.00 Credits****MGTPT-492 SPECIAL TOPICS IN MANAGEMENT 1.00-6.00 Credits****MGTPT-494 INTERNSHIP IN MANAGEMENT 1.00-12.00 Credits****MGTPT-494A INTERNSHIP IN MANAGEMENT I 1.00-6.00 Credits**

Internship in Management.

**MGTPT-494B INTERNSHIP IN MANAGEMENT II 1.00-6.00 Credits**

Continuation of MGTPT 494A as a 400-level internship in Management.

**MGTPT-494C INTERNSHIP IN MANAGEMENT III 1.00-6.00 Credits**

Continuation of MGTPT 494B as an intermediate 400-level internship in Management.

**MGTPT-494D INTERNSHIP IN MANAGEMENT IV 1.00-6.00 Credits**

Continuation of MGTPT 494C as an intermediate to advanced 400-level internship in Management.

## Marketing/BTS (MKTPT)

### Courses

**MKTPT-130 INTRODUCTION TO MARKETING 3.00 Credits**

This course covers various topics related to marketing and its applications in business and society. The course focuses on key concepts including assessing, understanding, and targeting the market place. The creation of value, pricing, channel selection and integrated marketing communications will also be explored.

**MKTPT-190 DIRECTED STUDY IN MARKETING 1.00-6.00 Credits****MKTPT-191 WORKSHOP IN MARKETING 1.00-6.00 Credits****MKTPT-192 SPECIAL TOPICS IN MARKETING 1.00-6.00 Credits****MKTPT-194 INTERNSHIP IN MARKETING 1.00-12.00 Credits****MKTPT-207 RETAILING 3.00 Credits**

This class is designed to provide students with the necessary skills to make efficient and productive decisions in the retailing and service industries. Topics include m-commerce, e-commerce, human resources, operations, merchandising, supply-chain management, and of course, customer service.

**MKTPT-235 CAREER SKILLS 3.00 Credits**

This course presents practical strategies that prepare students to confirm an appropriate career, to conduct a successful job search and to lay the foundation for successful career development. Emphasis is on Career Action assignments to assess skills and interests, to research prospective employers, to learn about current application requirements, to prepare resumes and cover letters, to practice meeting with business people in a targeted career field and to practice interviewing. These assignments polish job search and career management skills so students can apply them directly to achieving immediate and future career goals. This is a capstone course, intended mostly for graduating students.

**MKTPT-255 ORGANIZATIONAL LEADERSHIP 3.00 Credits**

This course is designed to offer students many opportunities of interaction to achieve the goals of an organization. Instruction will focus first on each student's personal knowledge, skills, and attitudes of organizational leadership and leadership examples. The purpose in learning about organizational leaders and leadership is to enable each student to become a better leader and follower. The objective is to provide a forum for the development of analysis, strategies, skills and techniques that promote successful leadership within organizations. As students develop the effective leadership skills, the course will focus on how that individual can effectively work within an organization's mission, structure and culture, members' roles, rules, dynamics, and meeting management. Most of the focus will be on membership organizations.

**MKTPT-270 APPLIED MARKETING 3.00 Credits**

This course is designed to provide an avenue in which students will apply their broader business skills and training to a narrower, more detailed area of expertise. The content includes critical thinking, planning and strategy implementation, presentation skills and management decision-making. Course curriculum integrates curriculum and criteria of Delta Epsilon Chi competitive events including, Sports and Entertainment Marketing, Design, Sales Representatives, Advertising Campaign, and Web Site Development. Students may choose to enter their final project in DEC's annual conferences and competitions.

**MKTPT-290 DIRECTED STUDY IN MARKETING 1.00-6.00 Credits****MKTPT-291 WORKSHOP IN BUSINESS 1.00-6.00 Credits****MKTPT-292 SPECIAL TOPICS IN MARKETING 1.00-6.00 Credits****MKTPT-294 INTERNSHIP IN MARKETING 1.00-12.00 Credits****MKTPT-390 DIRECTED STUDY IN MARKETING 1.00-6.00 Credits****MKTPT-391 WORKSHOP IN MARKETING 1.00-6.00 Credits****MKTPT-392 SPECIAL TOPICS IN MARKETING 1.00-6.00 Credits****MKTPT-394 INTERNSHIP IN MARKETING 1.00-12.00 Credits****MKTPT-490 DIRECTED STUDY IN MARKETING 1.00-6.00 Credits****MKTPT-491 WORKSHOP IN MARKETING 1.00-6.00 Credits****MKTPT-492 SPECIAL TOPICS IN MARKETING 1.00-6.00 Credits****MKTPT-494 INTERNSHIP IN MARKETING 1.00-12.00 Credits**

## Mathematics (MATH)

### Courses

**MATH-015 ARITHMETIC AND PRE-ALGEBRA 3.00 Credits**

Preparation for MATH 023 and MATH 025. Arithmetic with whole numbers, signed numbers, fractions, and decimals. Order of operations, variables, simplifying of algebraic expressions. Concrete representations of arithmetic operations and algebraic concepts are emphasized. Particularly appropriate for students who experience anxiety when learning mathematics. Course fee.

**MATH-023 BASIC ALGEBRA FOR MATH AS A LIBERAL ART 3.00 Credits**

Brief review of integer arithmetic, fraction arithmetic, percent and order of operations. Evaluating formulas. Units and unit analysis. Solving equations in one variable and using equations in one variable to solve application problems. Graphing linear equations, intercepts, slope, writing the equation of a line. Introduction to functions. Average rate of change, introduction to linear and exponential models. Simplifying exponential expressions, scientific notation, introduction to logarithms. Introduction to sets, counting methods, and discrete probability. Pre-requisite: A grade of C or better in Math-015 or satisfactory placement score. Course fee.

**MATH-025 BASIC ALGEBRA 3.00 Credits**

Brief review of prealgebra. Solving equations and inequalities in one variable; applications. Evaluating formulas; unit analysis. Graphing linear equations, intercepts, slope, writing the equation of a line, introduction to functions. Average rate of change and linear models. Graphing linear inequalities. Systems of linear equations; applications. Exponent rules and scientific notation. Addition, subtraction, multiplication, and factoring of polynomials in one variable. Using the zero product property to solve quadratic equations in one variable. Pre-requisite: A grade of 'C' or better in MATH-015 or satisfactory placement score.

**MATH-123 MATH IN MODERN SOCIETY 3.00 Credits**

This course introduces students to the form and function of mathematics as it applies to liberal-arts studies with a heavy emphasis on its applications. Topics covered include ratios, rates and proportions; properties of linear equations; graphing linear equations; constructing and using linear models; exponential and logarithmic equations and models; financial applications; and elementary probability and statistics. Pre-requisite: MATH-023, MATH-025, MTHPT-103 or MTHPT-120 with a grade of 'C' or better, or permission of the instructor.

**MATH-123P MATH IN MODERN SOCIETY--SUPPLEMENT 2.00 Credits**

This course provides just-in-time preparation for the mathematical skills necessary to be successful in MATH-123 with an emphasis on problem-solving and college-readiness skills. Topics will include order of operations, fraction and decimal arithmetic, percent, scientific notation, interval notation, lines, calculator use, and mathematical modeling. Must be taken concurrently with MATH-123.

**MATH-130 FINITE MATHEMATICS 4.00 Credits**

Systems of linear equations and inequalities, elementary matrix algebra, introduction to linear programming, elementary discrete probability and statistics. Emphasis on applications to business, economics and social sciences. Pre-requisite: A grade of 'C' or better in MATH 025 or MTHPT 103 or satisfactory placement score.

**MATH-143 COLLEGE ALGEBRA 3.00 Credits**

Emphasis on the concept of real-valued functions and their applications, including domain, range, algebraic operations, composition, inverses, and graphing. Topics include polynomial functions, division of polynomials, roots of polynomials, theory of equations, complex numbers, fundamental theorem of algebra, rational functions and asymptotes, logarithmic and exponential functions, transformations, solving systems of linear and nonlinear equations, and matrices. Students will engage in multi-step algebraic manipulation of complicated functional expressions. Pre-requisite: Satisfactory placement score, or placement into MATH-143P to be taken concurrently with MATH-143.

**MATH-143P SUPPLEMENTAL INSTRUCTION FOR COLLEGE ALGEBRA 2.00 Credits**

The course provides embedded instruction of skills necessary for college algebra. Topics may include absolute value, factoring trinomials, function notation, exponents and logarithms, systems of linear equations, simplifying rational and radical expressions, solving rational and radical equations, graphing, and inequalities. Pre-requisite: This course must be taken concurrently with MATH-143. MATH-025 with a grade of C or better, or satisfactory placement score.

**MATH-144 TRIGONOMETRY 2.00 Credits**

This course introduces right-triangle and circular function approaches to trigonometry. Topics include plane trigonometry, trigonometric identities, graphs of trigonometric functions, amplitude, frequency, phase shift, inverse trigonometric functions and their graphs, polar coordinates, and polar representation of complex numbers. Pre-requisite: MATH-143 or satisfactory placement score.

**MATH-147 COLLEGE ALGEBRA AND TRIGONOMETRY 5.00 Credits**

The course emphasizes functions, circular trigonometry and multilevel problem solving as preparation for calculus. Functions are treated as mathematical entities, including domain, range, algebraic operations, composition, inverses, and graphing. Polynomial, logarithmic, exponential, trigonometric, inverse trigonometric, radical and rational functions are explored. Algebraic techniques include division of polynomials, roots of polynomials, theory of equations and inequalities, complex numbers and DeMoivre's Theorem, the Fundamental Theorem of Algebra, solving systems of linear and nonlinear equations, and matrices. Trigonometric identities are derived, proven, and applied. Polar coordinates, vectors and oblique triangles are introduced and used in a variety of applications. Analytic geometry focuses on circles, parabolas, distance and midpoints. MATH-147 is equivalent to MATH-143 plus MATH-144. Pre-requisite: A grade of 'C' or better in MATH-143P or satisfactory placement score.

**MATH-153 STATISTICAL REASONING 3.00 Credits**

This course introduces students to problem solving and decision making using single and multivariable statistical models. The course focuses on conceptual understanding of randomness, variability, statistical models, and inference through exploration of data. The use of technology for analysis of data is integrated throughout. Topics include descriptive statistics, probability, hypothesis testing, confidence intervals, likelihood ratios, correlation, and regression. Pre-requisite: A grade of 'C' or better in MATH-023, MATH-025, or appropriate math placement score.

**MATH-153P SUPPLEMENTAL INSTRUCTION FOR MATH 153 1.00 Credit**

This course provides just-in-time preparation of the mathematical skills necessary to be successful in MATH-153 with an emphasis on problem-solving and college-readiness skills. Topics may include order of operations, fraction and decimal arithmetic, percent, scientific notation, interval notation, lines, calculator use, and use of statistical software. Pre-requisite: This course must be taken concurrently with MATH-153. MATH-015 with a grade of C or better, or satisfactory placement score.

**MATH-157 MATHEMATICS FOR ELEMENTARY TEACHERS I 4.00 Credits**

This course provides an overview of some of the mathematics taught in grades K-8 with an emphasis on conceptual understanding and communication of mathematical principles. This is the first course in a two-course sequence of mathematics content courses which is not intended to be a methods of teaching course. Topics may include numbers and the base-ten system; fractions and problem-solving; addition, subtraction, multiplication, and division of real numbers; ratio and proportional relationships; and number theory. Pre-requisite: A grade of 'C' or better in MTHPT-137 or satisfactory placement score, or placement into MATH-157P to be taken concurrently with MATH-157.

**MATH-157P SUPPLEMENTAL INSTRUCTION FOR MATH 157 1.00 Credit**

This course provides just-in-time preparation of the mathematical skills necessary to be successful in MATH-157 and MATH-257 with an emphasis on problem-solving and college-readiness skills. Topics may include accuracy vs precision, order of operations, number theory, fraction and decimal arithmetic, percent, properties of real numbers, conversions and unit analysis, geometry and measurement, factoring, mental math, exponents and scientific notation, lines and graphing, probability, and statistics. This course must be taken concurrently with MATH-157. Prerequisite: MATH-023 or MATH-025 with a grade of C or better or satisfactory placement score.

**MATH-170 CALCULUS I 4.00 Credits**

Definitions of limit, derivative, antiderivative, definite integral. Computation of the derivative, including logarithmic, exponential, and trigonometric functions. Applications of the derivative, optimization, mean value theorem. The fundamental theorem of calculus, brief introduction to applications of the integral and to computation of antiderivatives. Intended for students in engineering, mathematics, and the sciences. Pre-requisites: A grade of "C" or better in MATH-147 or MATH-143 and MATH-144 or satisfactory placement score.

**MATH-175 CALCULUS II 4.00 Credits**

Applications of the integral, symbolic and numerical techniques of integration, inverse transcendental functions. Sequences and series, with an emphasis on power series and approximation. Pre-requisite: A grade of 'C' or better in MATH-170.

**MATH-186 DISCRETE MATHEMATICS 3.00 Credits**

Topics such as sets, functions, algorithms, logic, Boolean algebra are included. This course consists of numerous topics which are particularly valuable to students pursuing a computer science minor. Pre-requisite: A grade of 'C' or better in MATH-143 or MATH-147, or satisfactory placement score.

**MATH-190 DIRECTED STUDY IN MATH 1.00-12.00 Credits****MATH-192 SPECIAL TOPICS IN MATHEMATICS 1.00-12.00 Credits****MATH-195 PRACTICUM IN MATHEMATICS 1.00-2.00 Credits**

Tutoring in the mathematics laboratory or functioning as a teacher's aide in a lower division mathematics course. Pre-requisite: Approval of the division chair. May be repeated for a total of 4 credits.

**MATH-240 INTRODUCTION TO LINEAR ALGEBRA 2.00 Credits**

The introduction to linear algebra course covers systems of linear equations, Gaussian elimination, matrices vector spaces, linear independence, basis, dimension, determinants, eigenvalues, and eigenvectors. Pre-requisite: MATH-170.

**MATH-253 STATISTICAL METHODS FOR THE SCIENCES 3.00 Credits**

Introduction to statistical methods for scientists including design of statistical studies, basic sampling methods, descriptive statistics, probability and sampling distributions, inference regression, and analysis of variance. Pre-requisite: A grade of 'C' or better in MATH-143 or MATH-147 or satisfactory placement score.

**MATH-257 MATHEMATICS FOR ELEMENTARY TEACHERS II 4.00 Credits**

This course is a continuation of MATH-157 and continues an overview of some of the mathematics taught in grades K-8 with an emphasis on conceptual understanding and communication of mathematical principles. This is the second course in a two-course sequence of mathematics content courses which is not intended to be a methods of teaching course. Topics may include algebra; geometry; measurement; area of shapes; circumference; the number pi; construction proofs of the Pythagorean theorem; solid shapes and their volumes and surface areas; geometry of motion and change; statistics; and probability. Pre-requisite: MATH-157 with a grade of C or better.

**MATH-267 MATHEMATICS FOR MIDDLE SCHOOL TEACHERS 4.00 Credits**

This course is designed to prepare teachers of middle school mathematics. The course provides an overview of some of the mathematics taught in grades 6-10 with an emphasis on conceptual understanding and communication of mathematical principles through reasoning and problem-solving. Topics will include transformational geometry; counting and probability; and statistics. Additional topics may include set theory; graph theory; number theory; coding; intuitive calculus; introduction to linear algebra; basic topology; and discrete mathematics. Pre-requisite: MATH-143 or MATH-147 with a grade of C or better, or satisfactory placement score.

**MATH-275 CALCULUS III 4.00 Credits**

Vector algebra and geometry, functions of several variables, partial and directional derivatives, gradient, chain rule, optimization, multiple and iterated integrals. Parametric curves and surfaces in 3-space, vector fields, divergence and curl, line and surface integrals. Green's, Stokes' and divergence theorems. Pre-requisite: A grade of 'C' or better in MATH-175.

**MATH-285 EUCLIDEAN GEOMETRY 3.00 Credits**

This course is designed to prepare teachers of middle and high school geometry. The course emphasizes classic geometric proof and application of geometric theorems. Topics include parallel lines, triangles, quadrilaterals, circles, and polygons. Pre-requisite: A grade of 'C' or better in MATH-147A, MATH-157, or MATH-186, or satisfactory placement score.

**MATH-290 DIRECTED STUDY IN MATHEMATICS 1.00-3.00 Credits**

Pre-requisite: A grade of 'C' or better in MATH 170 or permission of the division.

**MATH-291 WORKSHOP IN MATHEMATICS 1.00-3.00 Credits****MATH-292 SPECIAL TOPICS IN MATHEMATICS 1.00-3.00 Credits****MATH-295 PRACTICUM IN MATHEMATICS 1.00-2.00 Credits**

Tutoring in the mathematics laboratory or functioning as a teacher's aide in a lower division mathematics course. Pre-requisite: Approval of the division chair. May be repeated for a total of 4 credits.

**MATH-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****MATH-300 INTRODUCTION TO MATHEMATICAL REASONING 3.00 Credits**

Introductory topics in mathematics- logic, set theory, properties of the real line- number theory, induction, mappings, rigorous treatment of limits of sequences. Emphasis is on the concept of theorem and proof. Pre-requisite: A Grade of "C" or better in MATH 175.

**MATH-313 NUMBER THEORY 3.00 Credits**

Modular arithmetic, Pythagorean triples, prime numbers, quadratic reciprocity, Diophantine approximation, elliptic curves, and public key encryption systems. Pre-requisite: MATH-175.

**MATH-320 PROBABILITY AND STATISTICS 3.00 Credits**

Sample spaces, random variables, central limit theorems, stochastic processes, estimation and testing of hypotheses. Pre-requisites: MATH-175 and MATH-253 with a grade of C or better.



**MATH-340 LINEAR ALGEBRA 3.00 Credits**

Systems of linear equations, vector spaces, linear independence, basis, dimension, inner products, transformation, injectivity and surjectivity, orthogonal projections, orthonormal bases. Eigenvalues and eigenvectors. Positive definite matrices. Pre-requisite: A grade of 'C' or better in MATH-175.

**MATH-345 ORDINARY DIFFERENTIAL EQUATIONS 3.00 Credits**

Separation of variables, variations of parameters- methods of characteristic roots, undetermined coefficients- systems of differential equations. Laplace transform, and power series. Pre-requisite: A Grade of "C" or better in MATH-175.

**MATH-364 PRINCIPLES OF OPTIMIZATION 3.00 Credits**

In this course, students will learn the optimization techniques used to model and solve problems from various disciplines such as business, engineering, sciences, sports, etc. This course introduces students to optimization methods for linear, nonlinear, and integer programming. Emphasis will be on techniques that expand student understanding of Calculus and Linear Algebra concepts as well as how to formulate a model; interpret problems mathematically and geometrically; solution techniques in cases where Calculus cannot be used. Additional emphasis will include the theory behind solution techniques; sensitivity analysis; and how to use Octave/Matlab to solve problems. Pre-requisite: MATH-275 with a grade of C or better, or permission of the instructor.

**MATH-367 MATHEMATICS FOR MIDDLE/SECONDARY SCHOOL TEACHERS 4.00 Credits**

This course is designed to prepare teachers of middle and secondary school mathematics. The course provides an overview of some of the mathematics taught in grades 6-12 with an emphasis on conceptual understanding and communication of mathematical principles through reasoning and problem-solving. Topics will include transformational geometry; counting and probability; and statistics. Additional topics may include set theory; graph theory; number theory; coding; intuitive calculus; introduction to linear algebra; basic topology; and discrete mathematics. Pre-requisite: MATH-143 or MATH-147 with a grade of C or better, or satisfactory placement score.

**MATH-386 MODERN GEOMETRY 3.00 Credits**

Postulates of Euclid and Hilbert, transformational geometry, topics from projective and affine geometry. Understanding of the foundations of high school geometry is emphasized. Pre-requisite: MATH-170 with a grade of C or better.

**MATH-390 DIRECTED STUDY IN MATHEMATICS 1.00-3.00 Credits****MATH-391 WORKSHOP IN MATHEMATICS 1.00-3.00 Credits****MATH-392 SPECIAL TOPICS IN MATHEMATICS 1.00-12.00 Credits****MATH-395 PRACTICUM IN MATHEMATICS 1.00-2.00 Credits****MATH-399 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****MATH-450 COMPLEX ANALYSIS 3.00 Credits**

Complex numbers and functions, complex derivatives and integrals, residue theory, conformal mappings and uniform convergence. Pre-requisite: A grade of 'C' or better in MATH-300.

**MATH-460 ABSTRACT ALGEBRA I 3.00 Credits**

This is the first course in a two-course sequence that provides an introduction to abstract algebra. Topics include groups, subgroups, permutation groups, isomorphisms, homomorphisms, quotient groups, and the fundamental theorem of finite abelian groups. Pre-requisite: MATH-300 with a grade of C or better.

**MATH-461 ABSTRACT ALGEBRA II 3.00 Credits**

This is the second course in a two-course sequence that provides an introduction to abstract algebra. Topics include rings, subrings, ideals, quotient rings, polynomial rings, vector spaces, fields, extension fields, and Galois theory. Pre-requisite: MATH-460 with a grade of C or better.

**MATH-470 GENERAL TOPOLOGY 3.00 Credits**

An introduction to the fundamental concepts of general topology including set theory, metrics, neighborhoods, bases, subspaces, mappings, continuity, separation axioms, compactness and connectedness. Pre-requisite: A grade of 'C' or better in MATH-300.

**MATH-480 REAL ANALYSIS I 3.00 Credits**

This course is the first course in a two-course sequence that provides a theory of the real line, properties of real numbers, and real-valued functions. Topics include convergence of sequences; open and closed sets; density of sets; Cauchy sequences; monotone convergence theorem; pointwise and uniform convergence of functions; continuity; mean value theorem; intermediate value theorem; compactness; and differentiability. Pre-requisite: MATH-300 with a grade of C or better.

**MATH-481 REAL ANALYSIS II 3.00 Credits**

This course is the second course in a two-course sequence on the theory of real-valued functions. Topics include sequences and series of functions, Weierstrass M-test, power series, Taylor series, Riemann integrability, metric spaces, convergence in metric spaces, and differentiability of functions with higher dimensional domains. Pre-requisite: MATH-480 with a grade of C or better.

**MATH-490 DIRECTED STUDY IN MATHEMATICS 1.00-3.00 Credits**

Pre-requisite: A grade of 'C' or better in MATH-170 or permission of the division.

**MATH-491 WORKSHOP IN MATHEMATICS 1.00-3.00 Credits****MATH-492 SPECIAL TOPICS IN MATHEMATICS 1.00-3.00 Credits****MATH-494 INTERNSHIP IN MATHEMATICS 1.00-12.00 Credits**

Internship in Math.

**MATH-495 PRACTICUM IN MATHEMATICS 1.00-2.00 Credits**

Tutoring in the mathematics laboratory or functioning as a teacher's aide in a lower division mathematics course. Pre-requisite: Approval of the division chair. May be repeated for a total of 4 credits.

**MATH-499 RESEARCH PROJECT AND SEMINAR IN MATH 1.00-3.00 Credits**

Students will conduct and communicate the results of a research project in the Natural Sciences Division. Topics may include the historical, philosophical, cultural and environmental aspects, and the processes of natural science. Requirements of students include satisfactory oral presentation and defense of their research and submission of a written report approved by their advisor to the Natural Sciences Division. Prerequisite: NS-398.

## Math Prof/Tech (MTHPT)

### Courses

**MTHPT-010 ARITHMETIC /PRE-ALGEBRA 3.00 Credits**

This course is designed to provide students with a solid foundation in those areas of arithmetic and pre-algebra that will be encountered in MTHPT-103: Applied Algebra. While this course is specifically designed to meet the needs of students enrolled in the Technical & Industrial and the Business Technology & Service programs, students in other programs are welcome, space permitting. The course utilizes algebraic concepts to review the basic operations with the learning process adapted to the adult learner. Major topics include a review of arithmetic, fractions; decimals; percents; signed numbers; scientific notation, introduction to unit conversions, and an introduction to algebra. The emphasis will be on working problems that have practical applications in the real workplace.

**MTHPT-103 APPLIED ALGEBRA 3.00 Credits**

Provides students with a review of pre-algebra, and includes problem-solving techniques, estimating, measurement, data handling, and the use of algebraic formulas to solve problems in the workplace. Additional mathematical topics include quadratic equations, systems of linear equations, geometry and geometric solids, as well as right and oblique triangle trigonometry. Pre-requisite: A grade of 'C' or better in MTHPT-010, MTHPT-012, or MATH-015 or satisfactory math placement. Course fee.

**MTHPT-103P SUPPLEMENTAL INSTRUCTION FOR MTHPT 103 1.00 Credit**

This course is designed to support students in those areas of pre-algebra and algebra that will be encountered in MTHPT-103: Applied Algebra. Possible topics are a review of arithmetic, fractions, decimals, percents, signed numbers, scientific notation, unit conversions, and an introduction to algebra. Pre-requisite: This course must be taken concurrently with MTHPT-103.

**MTHPT-130 FINITE MATHEMATICS 3.00 Credits**

Systems of linear equations and inequalities, elementary matrix algebra, introduction to linear programming, elementary discrete probability and statistics. Emphasis on applications to business, economics and social sciences. Pre-requisite: MATH-025, or MTHPT-103, with a grade of 'C' or better, or have satisfactory Math placement score.

**MTHPT-137 MATH FOR TECHNOLOGY 4.00 Credits**

This course fulfills the skills component of the General Education core and provides students with a solid foundation in those areas of algebra, geometry, and trigonometry which are currently pervasive in technical and industrial technologies. Mathematical topics include Cartesian coordinate system, representations of lines, and functions of one or more independent variables, polynomial, radical, exponential, and logarithmic equations, matrix algebra, and systems of equations, radian and degree measure, right-angle trigonometry, law of sines and cosines, and vectors in applied settings, probability theory, and statistics. This course will emphasize technical applications. Pre-requisite: A grade of 'C' or better in MATH-025, MTHPT-103 or satisfactory math placement.

**MTHPT-153 STATISTICAL REASONING 3.00 Credits**

This course introduces students to problem solving and decision making using single and multivariable statistical models. The course focuses on conceptual understanding of randomness, variability, statistical models, and inference through exploration of data. The use of technology for analysis of data is integrated throughout. Topics include descriptive statistics, probability, hypothesis testing, confidence intervals, likelihood ratios, correlation, and regression. Pre-requisite: A grade of 'C' or better in MATH-023, MATH-025, or MTHPT-103 or satisfactory math placement.



**MTHPT-190 DIRECTED STUDY IN MATHEMATICS 1.00-6.00 Credits**

**MTHPT-191 WORKSHOP IN MATHEMATICS 1.00-6.00 Credits**

**MTHPT-192 SPECIAL TOPIC IN MATHEMATICS 1.00-6.00 Credits**

**MTHPT-290 DIRECTED STUDY IN MATHEMATICS 1.00-6.00 Credits**

**MTHPT-291 WORKSHOP IN MATHEMATICS 1.00-6.00 Credits**

**MTHPT-292 SPECIAL TOPIC IN MATHEMATICS 1.00-6.00 Credits**

**MTHPT-390 DIRECTED STUDY IN MATHEMATICS 1.00-6.00 Credits**

**MTHPT-391 WORKSHOP IN MATHEMATICS 1.00-6.00 Credits**

**MTHPT-392 SPECIAL TOPIC IN MATHEMATICS 1.00-6.00 Credits**

**MTHPT-490 DIRECTED STUDY IN MATHEMATICS 1.00-6.00 Credits**

**MTHPT-491 WORKSHOP IN MATHEMATICS 1.00-6.00 Credits**

**MTHPT-492 SPECIAL TOPIC IN MATHEMATICS 1.00-6.00 Credits**

## **Medical/BTS (MEDPT)**

### **Courses**

**MEDPT-170 MEDICAL INSURANCE 3.00 Credits**

The goal of this class is to provide students with the appropriate skills and knowledge needed to understand the many aspects of medical insurance in a medical setting and to increase efficiency and streamline administrative procedures for one of the most complex tasks of the physician's business, which is insurance coding and billing.

**MEDPT-173 MEDICAL TERMINOLOGY 3.00 Credits**

This course provides students with a working knowledge of the language of medicine. This includes combining of roots, prefixes, and suffixes to form medical terms; linking medical terms, anatomy, and physiology in order to effectively communicate in a medical facility.

**MEDPT-175 ADMINISTRATIVE MEDICAL ASSISTING I 3.00 Credits**

Medical office personnel responsibilities in administration, financial management, and medical record keeping; plus ethical and legal obligations of the staff in a medical facility. Recommended co-requisite: MEDPT-173.

**MEDPT-185 MED ASST PROFESSION & FOUNDATIONS 3.00 Credits**

This course provides students with both an introduction to and survey of the Medical Assistant profession, as well as skills that serve as the foundation to the profession. Course will cover theoretical concepts including (but not limited to) scope of practice, communication, ethics-law, and professionalism, along with introductory foundational skills such as vital signs and medial asepsis. Pre-Requisite: MEDPT-173, with a grade of C or better.

**MEDPT-190 DIRECTED STUDY IN MEDICAL 1.00-6.00 Credits**

**MEDPT-191 WORKSHOP IN MEDICAL 1.00-6.00 Credits**

**MEDPT-192 SPECIAL TOPICS IN MEDICAL 1.00-6.00 Credits**

**MEDPT-194 INTERNSHIP IN MEDICAL 1.00-12.00 Credits**

**MEDPT-194A INTERNSHIP IN MEDICAL I 1.00-6.00 Credits**

Internship in Medical.

**MEDPT-194B INTERNSHIP IN MEDICAL II 1.00-6.00 Credits**

Continuation of MEDPT 194A as a 100-level internship in Medical.

**MEDPT-194C INTERNSHIP IN MEDICAL III 1.00-6.00 Credits**

Continuation of MEDPT 194B as an intermediate 100-level internship in Medical.

**MEDPT-194D INTERNSHIP IN MEDICAL IV 1.00-6.00 Credits**

Continuation of MEDPT 194C as an intermediate to advanced 100-level internship in Medical.

**MEDPT-240 PHARMACOLOGY FOR HEALTH PROFESSIONS 3.00 Credits**

Gain the principles of pharmacology for people who are preparing to work in an ambulatory medical care setting. Will include general aspects of pharmacology, mathematics for pharmacology and dosage calculations, medication administration, pharmacology for multisystem application and medications related to body systems. Pre-requisite: MEDPT-173, MTHPT-130, BIOL-175 or BIOL-227 & 228, ENGL 101 all with grade of C or better.

**MEDPT-245 PHLEBOTOMY FOR HEALTH PROFESSIONS 2.00 Credits**

Provides knowledge and skills needed to perform phlebotomy procedures commonly used in health care setting and facilities. The fundamentals of blood drawing and testing will be taught utilizing aseptic technique and universal precautions as standard for all procedures. Students will be performing venous and capillary blood withdrawal techniques and will be trained in blood testing that is commonly used in health care facilities. Phlebotomy and laboratory quality control measures will be emphasized throughout this course. Pre-requisite: MEDPT-255 with a grade of 'C' or better.

**MEDPT-251 MEDICAL TRANSCRIPTION I 3.00 Credits**

Techniques and transcription procedures for all forms of medical dictation. Recommended Pre-requisites: MEDPT 172, WRPPT 200, GNBPT 222.

**MEDPT-252 CLINICAL EXPERIENCE 1.00-6.00 Credits**

Field experience in local doctor's office or medical facility. This is a variable credit course and will require an advising component prior to enrollment, however, course credits equaling 180 hours will be required in the field. In addition students will be required to meet on campus for lecture, skills review, discussion, paperwork submission, documentation and reporting, as well as CMA Exam preparation. Pre-requisite: Must obtain and/or provide proof of CURRENT BLS Healthcare Provider CPR certification PRIOR to field placement, and have permission of instructor.

**MEDPT-255 MEDICAL ASSISTING I 5.00 Credits**

Provides basic knowledge and skills needed to perform the job duties of a medical assistant. Provides theory and practice in clinical procedures for the medical assistant student who will work as a member of the health care team in ambulatory settings such as medical offices and clinics. Students must complete and pass all pre-requisite courses with a C or higher to be considered for placement into the Medical Assistant program. Pre-requisites: MEDPT-173, MTHPT-130, BIOL-175 or BIOL-227 & 228, ENGL 101 all with grade of C or better.

**MEDPT-259 PATIENT RECORD SYSTEMS 3.00 Credits**

Provides instruction in formatting and maintaining patient financial records in a medical facility. Utilizes a computer software program.

**MEDPT-260 MEDICAL ASSISTING II 5.00 Credits**

Provides theory and practice in clinical assisting including specialty exams and procedures, e.g. minor office surgery, diagnostic imaging and electrocardiography, urinalysis, specimen collection and preparation, venipuncture, and medication administration. Students are required to obtain and/or provide proof of CURRENT BLS Healthcare Provider CPR certification PRIOR to the MEDPT-252 Clinical Experience course. Students who have not already obtained said certification must complete requirement concurrently with this course. Pre-requisite: MEDPT-255 with grade of C or better.

**MEDPT-261 MEDICAL TRANSCRIPTION II 3.00 Credits**

Continuation of transcription techniques and procedures required for all forms of medical dictation. Recommended pre-requisite: MEDPT 251.

**MEDPT-275 MEDICAL CODING 3.00 Credits**

Prepares students for insurance billing in a medical facility. Completion of insurance claim forms and the governing regulations will be covered in-depth. Students will also learn how to code chart notes, radiology, laboratory, and surgical procedures through the use of ICD-10, CPT and HCPCS resources as prepared by the American Medical Association, latest edition. Pre-requisites: MEDPT-173.

**MEDPT-285 MEDICAL CODING II 3.00 Credits**

This course is designed to help students master the complexity of medical coding. Using the Current Procedural Terminology (CPT), the Healthcare Common Procedure Coding System (HCPCS), the International Classification of Diseases, Clinical Modification (ICD-10-CM) coding books, students will convert written descriptions of diseases, injuries, and procedures into numeric designations. This course will go into further detail of all coding. Exercises will cover all of the medical specialties, and will deal with the common coding problems encountered in the real medical world environment. Skill emphasis is placed on knowledge of coding theories and practical coding applications. Pre-requisites: MEDPT-173 and MEDPT-275.

**MEDPT-290 DIRECTED STUDY IN MEDICAL 1.00-6.00 Credits****MEDPT-291 WORKSHOP FOR MEDICAL 1.00-6.00 Credits****MEDPT-292 SPECIAL TOPICS IN MEDICAL 1.00-6.00 Credits****MEDPT-294 INTERNSHIP IN MEDICAL 1.00-12.00 Credits****MEDPT-294A INTERNSHIP IN MEDICAL I 1.00-6.00 Credits**

Internship in Medical.

**MEDPT-294B INTERNSHIP IN MEDICAL II 1.00-6.00 Credits**

Continuation of MEDPT 294A as a 200-level internship in Medical.

**MEDPT-294C INTERNSHIP IN MEDICAL III 1.00-6.00 Credits**

Continuation of MEDPT 294B as an intermediate 200-level internship in Medical.

**MEDPT-294D INTERNSHIP IN MEDICAL IV 1.00-6.00 Credits**

Continuation of MEDPT 294C as an intermediate to advanced 200-level internship in Medical.

**MEDPT-390 DIRECTED STUDY IN MEDICAL 1.00-6.00 Credits****MEDPT-391 WORKSHOP IN MEDICAL 1.00-6.00 Credits****MEDPT-392 SPECIAL TOPICS IN MEDICAL 1.00-6.00 Credits****MEDPT-394 INTERNSHIP IN MEDICAL 1.00-12.00 Credits****MEDPT-394A INTERNSHIP IN MEDICAL I 1.00-6.00 Credits**

Internship in Medical.

**MEDPT-394B INTERNSHIP IN MEDICAL II 1.00-6.00 Credits**

Continuation of MEDPT 394A as a 300-level internship in Medical.

**MEDPT-394C INTERNSHIP IN MEDICAL III 1.00-6.00 Credits**

Continuation of MEDPT 394B as an intermediate 300-level internship in Medical.

**MEDPT-394D INTERNSHIP IN MEDICAL IV 1.00-6.00 Credits**

Continuation of MEDPT 394C as an intermediate to advanced 300-level internship in Medical.

**MEDPT-490 DIRECTED STUDY IN MEDICAL 1.00-6.00 Credits****MEDPT-491 WORKSHOP IN MEDICAL 1.00-6.00 Credits****MEDPT-492 SPECIAL TOPICS IN MEDICAL 1.00-6.00 Credits****MEDPT-494 INTERNSHIP IN MEDICAL 1.00-12.00 Credits****MEDPT-494A INTERNSHIP IN MEDICAL I 1.00-6.00 Credits**

Internship in Medical.

**MEDPT-494B INTERNSHIP IN MEDICAL II 1.00-6.00 Credits**

Continuation of MEDPT 494A as a 400-level internship in Medical.

**MEDPT-494C INTERNSHIP IN MEDICAL III 1.00-6.00 Credits**

Continuation of MEDPT 494B as an intermediate 400-level internship in Medical.

**MEDPT-494D INTERNSHIP IN MEDICAL IV 1.00-6.00 Credits**

Continuation of MEDPT 494C as an intermediate to advanced 400-level internship in Medical.

## Military Science (MS)

### Courses

**MS-101 INTRO TO ARMY AND CRITICAL THINKING 1.00 Credit**

Introduction to mission and organization of the US Army; provides background in role of an Army officer as a career choice in either the Active Army or the National Guard/Reserves; lecture, conference, and activities dealing with military subjects; participate in outdoor activities such as whitewater rafting, mountaineering, rifle marksmanship, and rappelling; texts and lab fees provided by dept; no mandatory uniform wear; students learn about available scholarships and other financial programs. Co-requisite: MS 111. Participation entails no military obligation.

**MS-102 INTRO TO THE PROFESSION OF ARMS 1.00 Credit**

Continuation of MS 101. Development of greater understanding of roles and responsibilities of Army officers; lecture, conference, and activities dealing with military subjects; participation in challenging outdoor activities such as orienteering, mountaineering, and weapons qualification; occasional uniform wear required; texts, uniforms, and lab fees provided by dept; more focus on leadership development and the development of personal confidence. Co-requisite: MS 112. Participation entails no military obligation.

**MS-111 LEADERSHIP LAB 1.00 Credit**

Building fundamental characteristics of leadership using a military model; hands-on training in small group leadership. Two hours of lab every other week. Co-requisites: MS 101 and 102.

**MS-112 LEADERSHIP LAB 1.00 Credit**

Building fundamental characteristics of leadership using a military model; hands-on training in small group leadership. Two hours of lab every other week. Co-requisites: MS 101 and 102.

**MS-152 PHYSICAL FITNESS TRAINING 1.00 Credit**

Physical fitness training focused on Army Standards for instruction and testing. Open to all UI students. (Spring only).

**MS-201 APPLIED LEADERSHIP AND MANAGEMENT 2.00 Credits**

Application of leadership and management skills to various case studies; organization and structure of Army units; basic first aid; practical field training in variety of outdoor skills (mountaineering, rafting, rifle marksmanship); uniform wear required; texts, uniforms, and lab fees provided by dept. Pre-requisite: MS-102 or permission of department. Co-requisite: MS-211. Participation entails no military obligation.

**MS-202 FOUNDATIONS OF LEADERSHIP II 2.00 Credits**

Troop leading procedures and application of procedures to planning and conducting small unit operations; individual soldier skills, such as military communication, basic map reading, and survival skills; practical field training in variety of outdoor skills (mountaineering, rafting, rifle marksmanship); uniform wear required; texts, uniforms, and lab fees provided by dept. Pre-requisite: MS-201 or permission of department. Co-requisite: MS-212. Participation entails no military obligation.

**MS-211 LEADERSHIP LAB 1.00 Credit**

Building fundamental characteristics of leadership using a military model; hands-on training in small group leadership. Two hours of lab every other week. Co-requisites: MS 201 and MS 202.

**MS-212 LEADERSHIP LAB 1.00 Credit**

Building fundamental characteristics of leadership using a military model; hands-on training in small group leadership. Two hours of lab every other week. Co-requisites: MS 201 and 202.

**MS-227 AMERICAN MILITARY HISTORY 3.00 Credits**

Using lecture and small group discussions, this is a survey of the American military experience. Events are analyzed using the conventional discipline of historical methodology and the classical norms of the principles of warfare. Fulfills military history requirement for commissioning of cadets. Department permission required.

**MS-252 PHYSICAL FITNESS TRAINING 1.00 Credit**

Physical fitness training focused on Army Standards for instruction and testing. Open to all UI students. (Spring only).

**MS-280 RAIDER CHALLENGE 1.00-4.00 Credits**

The Chrisman Raider Team is an elite group of individuals who compete on intercollegiate level in military skills of marksmanship, physical fitness, navigation, weapons, rope bridging, and long distance marching; rigorous physical training and practicing technical skills in preparation for two-day competition among schools throughout Western US. Co-requisite: MS 101 or 102 or 201 or 202 or 301 or 302 or 401 or 402.

**MS-281 MILITARY PROFICIENCY CHALLENGE 1.00-4.00 Credits**

This course prepares cadets to take the two-day German Armed Forces Proficiency Badge test, which consists of track and field events, marksmanship, road march, swim test, and first aid course. Department permission required. (Spring only) Co-requisite: MS 111, MS 112, MS 211, MS 212, MS 311, MS 312, MS 411, or MS 412.

**MS-288 COLOR GUARD/DRILL TEAM 1.00-4.00 Credits**

Participation and training in color guard and drill team. Co-requisite: MS 101 or 102 or 201 or 202 or 301 or 302 or 401 or 402.

**MS-289 BASIC ENCAMPMENT 6.00 Credits**

Intensive five-week summer encampment at Fort Knox, Kentucky; hands-on training in fundamentals of leadership in a military environment, land navigation, weapons training, drill and ceremony, and basic skills in doctrinal tactics employed by light infantry leaders. Pre-requisites: 50 cr hrs, 2.0 GPA, and permission of department head.

**MS-290 DIRECTED STUDY IN MILITARY SCIENCE 1.00-12.00 Credits****MS-291 WORKSHOP IN MILITARY SCIENCE 1.00-12.00 Credits****MS-292 SPECIAL TOPICS IN MILITARY SCIENCE 1.00-12.00 Credits**

Pre-requisite: By permission.

**MS-295 PRACTICUM IN MILITARY SCIENCE 1.00-12.00 Credits****MS-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****MS-301 ADAPTIVE TEAM LEADERSHIP 3.00 Credits**

Practical leadership skills in a light infantry environment; leadership techniques practiced while learning patrolling and offensive and defensive tactics at squad and platoon level; prepares cadets for five-week Advanced Camp at Fort Lewis, Washington. Three hours of lecture, 2 hours of lab, and 3 hours of physical training a week, plus field training exercises. Pre-requisites: Either ROTC Basic Course, Camp Challenge, or Basic Training from any US military branch of service. Co-requisites: MS 311 and MS 312.

**MS-302 APPLIED TEAM LEADERSHIP 3.00 Credits**

Practical leadership skills in a light infantry environment; leadership techniques practiced while learning patrolling and offensive and defensive tactics at squad and platoon level; prepares cadets for five-week Advanced Camp at Fort Lewis, Washington. Three hours of lecture, 2 hours of lab, and 3 hours of physical training a week, plus field training exercises. Pre-requisites: Either ROTC Basic Course, Camp Challenge, or Basic Training from any US military branch of service. Co-requisites: MS 311 and MS 312.

**MS-311 LEADERSHIP LAB 1.00 Credit**

Building fundamental characteristics of leadership using a military model; hands-on training in small group leadership. Two hours of lab every other week. Co-requisites: MS 301 and 302.

**MS-312 LEADERSHIP LAB 1.00 Credit**

Building fundamental characteristics of leadership using a military model; hands-on training in small group leadership. Two hours of lab every other week. Co-requisites: MS 301 and 302.

**MS-352 PHYSICAL FITNESS TRAINING 1.00 Credit**

Physical fitness training focused on Army Standards for instruction and testing. Open to all UI students. (Spring only).

**MS-390 DIRECTED STUDY IN MILITARY SCIENCE 1.00-12.00 Credits****MS-401 MISSION COMMAND AND ARMY PROFESSION 3.00 Credits**

Practical application of leadership and management skills, military justice system, administrative and logistical procedures; preparation for service as an Army lieutenant. Pre-requisites: MS-301 and MS-302. Co-requisites: MS-411 and MS-412, MS-471 and MS-472.

**MS-402 MISSION COMMAND AND COMP GRADE OFFICER 3.00 Credits**

Practical application of leadership and management skills, military justice system, administrative and logistical procedures; preparation for service as an Army lieutenant. Pre-requisites: MS-301 and MS-302. Co-requisites: MS-411 and MS-412, MS-471 and MS-472.

**MS-411 LEADERSHIP LAB 1.00 Credit**

Building fundamental characteristics of leadership using a military model; hands-on training in small group leadership. Two hours of lab every other week. Co-requisites: MS 401 and 402.

**MS-412 LEADERSHIP LAB 1.00 Credit**

Building fundamental characteristics of leadership using a military model; hands-on training in small group leadership. Two hours of lab every other week. Co-requisites: MS 401 and 402.

**MS-452 PHYSICAL FITNESS TRAINING 1.00 Credit**

Physical fitness training focused on Army Standards for instruction and testing. Open to all UI students. (Spring only).

**MS-471 COMMAND AND STAFF FUNCTIONS 2.00 Credits**

Hands-on practical applications of functions of US Army officers assigned to command and staff positions; planning, coordinating, and implementing operations, training and logistic support for cadet battalion activities; practical exercises in interrelationships between commander, staff, higher headquarters, and subordinate units. Co-requisites: MS 401 and 402.

**MS-472 COMMAND AND STAFF FUNCTIONS 2.00 Credits**

Hands-on practical applications of functions of US Army officers assigned to command and staff positions; planning, coordinating, and implementing operations, training and logistic support for cadet battalion activities; practical exercises in interrelationships between commander, staff, higher headquarters, and subordinate units. Co-requisites: MS 401 and 402.

**MS-489 ADVANCED ENCAMPMENT 1.00-12.00 Credits**

Intensive five-week summer encampment at Fort Lewis, Washington. Graded P/F. Pre-requisites: MS-301 and MS-302 and permission of department.

**MS-490 DIRECTED STUDY IN MILITARY SCIENCE 1.00-12.00 Credits****MS-491 WORKSHOP IN MILITARY SCIENCE 1.00-12.00 Credits****MS-492 SPECIAL TOPICS IN MILITARY SCIENCE 1.00-12.00 Credits****MS-494 INTERNSHIP IN MILITARY SCIENCE 1.00-12.00 Credits****MS-495 PRACTICUM IN MILITARY SCIENCE 1.00-12.00 Credits**

## Music (MUS)

### Courses

**MUS-101 SURVEY OF MUSIC 3.00 Credits**

A study of the major contributions to world music including a historical survey of stylistic and formal developments. Emphasis on appreciative skills.

**MUS-102 MUSIC IN AMERICA 3.00 Credits**

An examination of the musical traditions of the United States, from pre-Colonial to present day. Folk, classical, and popular elements will be considered, as well as major styles and genres, including but not limited to sacred, secular, native traditions, African traditions and those of immigrant populations, film music, musical theatre, classical, jazz, Rock N Roll, and other contemporary and popular genres. This course will also take a closer look at how political movements and other societal ideals have contributed to music in the United States. This course is designed for non-music majors and music majors alike, and will fulfill a General Education Core requirement.

**MUS-103 CONCERT CHOIR 1.00 Credit**

Experience in singing traditional choral literature, vocal jazz, and contemporary music. Enrollment subject to instructor's approval. May be repeated for a maximum of 4 credits at each level.

**MUS-105 ROCK BAND 1.00 Credit**

Performance ensemble studying and performing music from all styles of rock music from early rock n roll to more contemporary styles and genres of popular music. Community and campus performances scheduled throughout the term. May be repeated for credit. No prior experience necessary.

**MUS-106 JAZZ BAND 1.00 Credit**

Performance of standard literature and musical styles. May be repeated for a maximum of 4 credits at each level. Membership is determined by the instructor.

**MUS-110 APPLIED MUSIC: PIANO 1.00-2.00 Credits**

Individual instruction in piano. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled.

**MUS-111 APPLIED MUSIC: VOICE 1.00-2.00 Credits**

Individual instruction in voice. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled.

**MUS-112 APPLIED MUSIC: GUITAR 1.00-2.00 Credits**

Individual instruction in guitar. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled.

**MUS-113 APPLIED MUSIC: STRINGS 1.00-2.00 Credits**

Individual instruction in strings: violin, viola, cello, double bass. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled.

**MUS-114 APPLIED MUSIC: BRASS 1.00-2.00 Credits**

Individual instruction in brass instruments: trumpet, trombone, French horn, tuba, euphonium. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled.

**MUS-115 APPLIED MUSIC: WINDS 1.00-2.00 Credits**

Individual instruction in winds: flute, oboe, English horn, clarinet, saxophone, bassoon. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled.

**MUS-116 APPLIED MUSIC: PERCUSSION 1.00-2.00 Credits**

Individual instruction in percussion. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled.

**MUS-141 MUSIC THEORY/AURAL SKILLS I 4.00 Credits**

Introduction to the materials and techniques of music, including notation, writing, formal analysis and ear training.

**MUS-142 MUSIC THEORY/AURAL SKILLS II 4.00 Credits**

Continuation of the materials and techniques of music, including notation, writing, formal analysis and ear training at an intermediate level. Includes 20th Century techniques and form analysis. Pre-requisite: MUS-141.

**MUS-145 BEGINNING PIANO AND KEYBOARD THEORY 1.00 Credit**

Fundamentals of keyboard technique and basic keyboard theory. Repeatable for total of 2 credits.

**MUS-146 INTERMEDIATE PIANO 2.00 Credits**

Class instruction for non-beginners. Repeatable for total of 4 credits. Recommended pre-requisite: MUS 145 or permission of instructor.

**MUS-147 ADVANCED PIANO 2.00 Credits**

Class instruction for advanced students. Repeatable for total of 2 credits. Recommended pre-requisite: MUS 146 or permission of instructor.

**MUS-150 WORLD MUSIC 3.00 Credits**

An examination of music and musical traditions throughout the world with focus on non-Western music. This course uses a cross-cultural framework through which the student will understand music as an evolving, geographically unrestrained form of human expression that has both unique characteristics and common elements across cultures. Music from all over the world (including genres from most of Africa, India, the U.S., China, Vietnam, Syria, the Pacific Islands, Tibet, and Japan, Central and South America, and the Arabic world) will be looked at through the lenses of sound, setting and significance: critical, informed listening, understanding how it functions within a culture and in people's lives, and how and why they consume music.

**MUS-151 HISTORY OF MUSICAL THEATER 3.00 Credits**

A comprehensive history of musical theater, and how this continuously evolving genre continues to be shaped by history and culture. This course will focus on the American Broadway Musical, and its evolution from the Civil War through the present day, including opera, operetta, light opera, musical comedy, minstrelsy, vaudeville, reviews, rock opera, dance, off-Broadway, Tin Pan Alley, and musical plays. In this course, student will examine the social, political and cultural implications of the musical theatre genre and how to assess its purpose, meaning, and effectiveness as historical narrative.

**MUS-152 HISTORY OF JAZZ AND POPULAR MUSIC STYLES 3.00 Credits**

Tracing the origins of jazz and popular music from their roots in the music of enslaved Africans and the blues through the present day, this course covers the roots of jazz and popular music in the United States. The influence and evolution of various genres of jazz and popular music will be explored, including key figures as well as social and political movements. Students will expand their listening repertoire and make connections between the contemporary forms of these genres and their historically significant roots.

**MUS-190 DIRECTED STUDY IN MUSIC 1.00-12.00 Credits****MUS-210 APPLIED MUSIC: PIANO 1.00-2.00 Credits**

Individual instruction in piano. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled. Pre-requisite: MUS-110 or permission from the instructor.

**MUS-211 APPLIED MUSIC: VOICE 1.00-2.00 Credits**

Individual instruction in voice. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled. Pre-requisite: MUS-111 or permission from the instructor.



**MUS-212 APPLIED MUSIC: GUITAR 1.00-2.00 Credits**

Individual instruction in guitar. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled. Pre-requisite: MUS-112 or permission from the instructor.

**MUS-213 APPLIED MUSIC: STRINGS 1.00-2.00 Credits**

Individual instruction in string instruments: violin, viola, cello, and double bass. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled. Pre-requisite: MUS-113 or permission from the instructor.

**MUS-214 APPLIED MUSIC: BRASS 1.00-2.00 Credits**

Individual instruction in brass instruments: trumpet, trombone, French horn, tuba, euphonium. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled. Pre-requisite: MUS-114 or permission from the instructor.

**MUS-215 APPLIED MUSIC: WINDS 1.00-2.00 Credits**

Individual instruction in wind instruments: flute, clarinet, oboe, English horn, saxophone, bassoon. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled. Pre-requisite: MUS-115 or permission from the instructor.

**MUS-216 APPLIED MUSIC: PERCUSSION 1.00-2.00 Credits**

Individual instruction in percussion instruments. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled. Pre-requisite: MUS-116 or permission from the instructor.

**MUS-221 MUSIC OF WESTERN CIVILIZATION 3.00 Credits**

History of music from antiquity through the 20th Century. Emphasis is on stylistic developments. Recommended pre-requisite: MUS 101.

**MUS-265 VOCAL JAZZ ENSEMBLE 1.00 Credit**

Traditional four-part a cappella music as well as contemporary jazz. Repeatable for total of 2 credits each. Pre-requisite: Instructor's approval.

**MUS-266 INSTRUMENTAL ENSEMBLE 1.00 Credit**

Performance of a variety of ensembles. May be repeated at each level. Pre-requisite: Instructor's approval.

**MUS-267 GUITAR ENSEMBLE 1.00 Credit**

Performance of guitar ensemble literature and musical styles. Repeatable for total of 2 credits each. Pre-requisite: Instructor's approval.

**MUS-268 CHAMBER SINGERS 2.00 Credits**

A chamber vocal group (8 to 12 singers) which sings Madrigals - renaissance through contemporary. Performances vary. Community programs, campus, concert, private functions (minimum of two to four per semester). Pre-requisite: Instructor's approval.

**MUS-290 DIRECTED STUDY IN MUSIC 3.00 Credits**

Pre-requisites: Permission of the department and Senior standing.

**MUS-291 WORKSHOP IN MUSIC 1.00-3.00 Credits****MUS-292 SPECIAL TOPICS IN MUSIC 1.00-3.00 Credits****MUS-295 PRACTICUM IN MUSIC 1.00-12.00 Credits****MUS-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****MUS-303 CONCERT CHOIR 1.00 Credit**

Experience in singing traditional choral literature, vocal jazz, and contemporary music. Enrollment subject to instructor's approval. May be repeated for a maximum of 4 credits at each level.

**MUS-305 ROCK BAND 1.00 Credit**

Performance ensemble studying and performing music from all styles of rock music from early rock n roll to more contemporary styles and genres of popular music. Community and campus performances scheduled throughout the term. May be repeated for credit. No prior experience necessary.

**MUS-306 JAZZ BAND 1.00 Credit**

Performance of standard literature and musical styles. May be repeated for a maximum of 4 credits at each level. Membership is determined by the instructor.

**MUS-310 APPLIED MUSIC: PIANO 1.00-2.00 Credits**

Individual instruction in piano. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled. Pre-requisite: MUS-110 or MUS-210, or permission from the instructor.

**MUS-311 APPLIED MUSIC: VOICE 1.00-2.00 Credits**

Instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled. Pre-requisite: MUS-111 or MUS-211, or permission from the instructor.

**MUS-312 APPLIED MUSIC: GUITAR 1.00-2.00 Credits**

Individual instruction in guitar. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled. Pre-requisite: MUS-112 or MUS-212, or permission from the instructor.

**MUS-313 APPLIED MUSIC: STRINGS 1.00-2.00 Credits**

Individual instruction in string instruments: violin, viola, cello, and double bass. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled. Pre-requisite: MUS-113 or MUS-213, or permission from the instructor.

**MUS-314 APPLIED MUSIC: BRASS 1.00-2.00 Credits**

Individual instruction in brass instruments: trumpet, trombone, French horn, tuba, euphonium. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled. Pre-requisite: MUS-114 or MUS-214, or permission from the instructor.

**MUS-315 APPLIED MUSIC: WINDS 1.00-2.00 Credits**

Individual instruction in wind instruments: flute, clarinet, oboe, English horn, saxophone, bassoon. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled. Pre-requisite: MUS-115 or MUS-215, or permission from the instructor.

**MUS-316 APPLIED MUSIC: PERCUSSION 1.00-2.00 Credits**

Individual instruction in percussion. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled. Pre-requisite: MUS-116 or MUS-216, or permission from the instructor.

**MUS-331 CONDUCTING 3.00 Credits**

Fundamentals of baton techniques, score preparation, rehearsal techniques, and general musicianship. Pre-requisites: MUS-241 and permission of the instructor.

**MUS-365 VOCAL JAZZ ENSEMBLE 1.00 Credit**

Traditional four-part a cappella music as well as contemporary jazz. Repeatable for total of 2 credits each. Pre-requisite: Instructor's approval.

**MUS-366 INSTRUMENTAL ENSEMBLE 1.00 Credit**

Performance of a variety of ensembles. May be repeated at each level. Pre-requisite: Instructor's approval.

**MUS-367 GUITAR ENSEMBLE 1.00 Credit**

Performance of guitar ensemble literature and musical styles. Repeatable for total of 2 credits each. Pre-requisite: Instructor's approval.

**MUS-368 CHAMBER SINGERS 2.00 Credits**

A chamber vocal group (8 to 12 singers) which sings Madrigals - renaissance through contemporary. Performances vary. Community programs, campus, concert, private functions (minimum of two to four per semester). Pre-requisite: Instructor's approval.

**MUS-380 MUSIC IN EARLY CHILDHOOD 3.00 Credits**

This course introduces students to philosophies and foundations of music and movement as used in the early childhood classroom. Students learn basic concepts of music theory, history, ethnomusicology, singing, moving, playing, and listening to music with young children.

**MUS-381 ELEMENTARY SCHOOL MUSIC 3.00 Credits**

Teaching music in the elementary classroom. Emphasis is on materials and methods, instrumental accompaniment and vocal participation. Includes classroom observations and/or practicum experiences.

**MUS-382 MUSIC AND SOCIETY 3.00 Credits**

A study of the relevance and application of music in various professions, sectors of society, and social situations including but not limited to business, medical professions, psychology and mental health related professions, sports, education, and media. Designed for Music Studies Minors, but open to all students who have met pre-requisites. Pre-requisites: HUM 150, and MUS 101 or MUS 102.



**MUS-390 DIRECTED STUDY IN MUSIC 3.00 Credits**

Pre-requisites: Permission of the department and Senior standing.

**MUS-392 SPECIAL TOPICS IN MUSIC 1.00-3.00 Credits****MUS-410 APPLIED MUSIC: PIANO 1.00-2.00 Credits**

Individual instruction in piano. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled. Pre-requisite: MUS-110, MUS-210 or MUS-310, or permission from the instructor.

**MUS-411 APPLIED MUSIC: VOICE 1.00-2.00 Credits**

Individual instruction in voice. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled. Pre-requisite: MUS-111, MUS-211 or MUS-311, or permission from the instructor.

**MUS-412 APPLIED MUSIC: GUITAR 1.00-2.00 Credits**

Instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled. Pre-requisite: MUS-112, MUS-212 or MUS-312, or permission from the instructor.

**MUS-413 APPLIED MUSIC: STRINGS 1.00-2.00 Credits**

Individual instruction in string instruments: violin, viola, cello, and double bass. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled. Pre-requisite: MUS-113, MUS-213 or MUS-313, or permission from the instructor.

**MUS-414 APPLIED MUSIC: BRASS 1.00-2.00 Credits**

Individual instruction in brass instruments: trumpet, trombone, French horn, tuba, euphonium. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled. Pre-requisite: MUS-114, MUS-214 or MUS-314, or permission from the instructor.

**MUS-415 APPLIED MUSIC: WINDS 1.00-2.00 Credits**

Individual instruction in wind instruments: flute, clarinet, oboe, English Horn, clarinet, saxophone, bassoon. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled. Pre-requisite: MUS-115, MUS-215 or MUS-315, or permission from the instructor.

**MUS-416 APPLIED MUSIC: PERCUSSION 1.00-2.00 Credits**

Individual instruction in percussion instruments. 1.0 credit is equivalent to 30 minutes of private instruction per week, 2.0 credits is equivalent to 60 minutes of private instruction per week. Students should register for 1.0 credit unless advised to register for 2.0 credits by instructor. Each course may be repeated for credit. Note: Enrollment in this course is subject to instructor's approval. Students who do not obtain the instructor's approval may be dis-enrolled. Pre-requisite: MUS-116, MUS-216 or MUS-316, or permission from the instructor.

**MUS-490 DIRECTED STUDY IN MUSIC 3.00 Credits**

Pre-requisites: Permission of the department and Senior standing.

**MUS-491 WORKSHOP IN MUSIC 1.00-3.00 Credits****MUS-492 SPECIAL TOPICS IN MUSIC 1.00-3.00 Credits****MUS-495 PRACTICUM IN MUSIC 1.00-12.00 Credits**

## Natural Science (NS)

### Courses

**NS-100 INTRODUCTION TO ENVIRONMENTAL SCIENCE 4.00 Credits**

An introductory course for non-science majors. This course will cover the vast interdisciplinary subject of environmental science, which uses ecological principles to address a broad range of topics from conservation of single species to global issues such as global warming and climate change. These issues involve a complex array of information and applications from Ecology, environmental policy, politics, Geology, and Geography. Three hours of lecture and one 3-hour laboratory period per week. Pre-requisite: MATH-015 or satisfactory math placement.

**NS-140 INTEGRATED SCIENCE I 4.00 Credits**

This team-taught, place-based, course is designed to provide an introduction to multiple scientific disciplines, including biology, chemistry, computer science, earth science, mathematics, and physics around the theme of the greater Lewiston-Clarkston valley watershed. Course content is integrated in order to allow the students the opportunity to use multiple scientific disciplines to understand the world in which they live. Weekly laboratories will be used to provide students with hands-on learning experiences that directly related to the topics covered in lecture and may include field experiences. The course will include emphases on college reading, college writing, collaboration, and using math to solve real-world problems. This is a 4-credit class with 3 hours of lecture a week and approximately 3 hours of laboratory each week. Pre-requisite: Placement into MATH-143P or equivalent or permission of the instructor. Must be concurrently enrolled into MATH-143 or permission of instructor.

**NS-150 INTRODUCTION TO NATURAL SCIENCES 3.00 Credits**

An introduction to science as a way of knowing. Examples are chosen from astronomy, genetics, genetic engineering, evolution and other timely topics. Pre-requisite: ENGL-101.

**NS-171 INTEGRATED SCIENCE I 3.00 Credits**

First of a two-semester sequence designed for the LCSC pre-service teachers to teach science in the elementary grades. NS-171 provides a college-level understanding of the scientific knowledge base for the physical sciences taught in grades K-8 in most states. Pre-requisite: A grade of 'C' or better in MATH-137 or satisfactory math placement.

**NS-172 INTEGRATED SCIENCE II 3.00 Credits**

Second of a two-semester sequence. NS-172 provides a college-level understanding of the scientific knowledge base for the life and earth sciences taught in grades K-8 in most states. Pre-requisite: A grade of 'C' or better in NS-171.

**NS-173 INTEGRATED SCIENCE I RECITATION 1.00 Credit**

Students will have the opportunity to practice solving problems relating to fundamental physical scientific concepts in order to prepare themselves to teach science in the elementary grades with competence. The opportunity to become more familiar with scientific terminology will also be given.

**NS-174 NATURAL SCIENCE FOR ELEMENTARY EDUCATOR 4.00 Credits**

This course is an introduction to biology and earth science for future elementary educators. To this end, we will cover the natural science topics specified by the Idaho State Standards for grade K through 8. These include cells, genetics, human biology, planets, weather, and basic geology, as well as science methodology. Throughout the semester, we will also explore ways of learning that foster deep learning, conceptual understanding, curiosity, and confidence.

**NS-190 DIRECTED STUDY IN NATURAL SCIENCE 1.00-12.00 Credits****NS-192 SPECIAL TOPICS IN NATURAL SCIENCE 1.00-12.00 Credits****NS-265 SCIENCE SUCCESS SEMINAR 1.00 Credit**

In this course, students will explore their motivation and meaning, learn strategies to study effectively in science, and develop a network to support their success. Students at all levels are welcome.

**NS-270 SCIENCE OUTREACH 1.00 Credit**

A course where students will learn about and participate in science outreach, involving visits to local elementary and secondary schools as well as those conducted on the LCSC campus. Students will assist others (both faculty and students in NS 470) in the presentation of outreach programs and will gain valuable skills in both outreach preparation and interpersonal communication.

**NS-275 FIELD EXPERIENCES IN SCIENCE 2.00 Credits**

A field-based experience integrating a variety of disciplines including, but not limited to, field biology, earth science, environmental chemistry, astronomy, and cultural history. No pre-requisites required.

**NS-290 DIRECTED STUDY IN NATURAL SCIENCE 1.00-12.00 Credits****NS-291 WORKSHOP IN NATURAL SCIENCE 1.00-12.00 Credits****NS-292 SPECIAL TOPICS IN NATURAL SCIENCE 1.00-12.00 Credits****NS-295 PRACTICUM IN NATURAL SCIENCE 1.00-12.00 Credits****NS-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****NS-380 SENIOR SEMINAR 1.00 Credit**

Reading and research involving primary literature in the student's field of study. Topic-driven research will result in written and oral presentations.

**NS-390 DIRECTED STUDY IN NATURAL SCIENCE 1.00-12.00 Credits****NS-395 PRACTICUM IN NATURAL SCIENCE 1.00-12.00 Credits****NS-398 SENIOR PROJECT PROPOSAL 2.00 Credits**

Preparation of the proposal for Senior Research projects to be completed in NS 499. Students will become familiar with the procedure by which proposals are prepared and submitted to funding agencies like the National Science Foundation (NSF). The format of the proposal is based on NSF proposal requests. The course will ensure that the research projects are well conceived, carefully planned, and have a reasonable chance of succeeding. All senior-research proposals are reviewed by a board of Natural Science faculty members. Proposals may be accepted, accepted with revisions, or returned for major revisions with a request for resubmission during the next semester's review. Pre-requisite: Junior standing.

**NS-399 RESEARCH ASSISTANTSHIP 1.00-3.00 Credits****NS-465 TUTORING IN NATURAL SCIENCE 3.00 Credits**

In this course, students will learn various tutoring skills accepted by the National Tutoring Association (NTA) as they work toward earning Basic Level Tutor Certification through the NTA. Students will learn to tutor and improve their tutoring through practice and working directly with tutees. Students will develop essential job skills, such as communication, teamwork, critical thinking, problem-solving, creativity, organization, and accountability.

**NS-470 SCIENCE OUTREACH 1.00 Credit**

A course where students will learn about and participate in science outreach, involving visits to local elementary and secondary schools as well as those conducted on the LCSC campus. Students will also be responsible for designing and implementing the program in the classroom setting, and will participate in peer assessment of other students' presentations, gaining valuable skills in outreach preparation and both interpersonal and large group communication. Pre-requisites: A grade of 'C' or higher in BIOL-181 or CHEM-112 & NS-270.

**NS-475 FIELD EXPERIENCE 2.00 Credits**

A field-based experience integrating a variety of disciplines including, but not limited to, field biology, earth science, environmental chemistry, astronomy, and cultural history. Requires written and/or oral presentations as a part of the field experience. No pre-requisites required.

**NS-490 DIRECTED STUDY IN NATURAL SCIENCE 1.00-12.00 Credits****NS-491 WORKSHOP IN NATURAL SCIENCE 1.00-12.00 Credits****NS-492 SPECIAL TOPICS IN NATURAL SCIENCE 1.00-12.00 Credits****NS-494 INTERNSHIP IN NATURAL SCIENCE 1.00-12.00 Credits****NS-495 PRACTICUM IN NATURAL SCIENCE 1.00-12.00 Credits****NS-499 RESEARCH PROJECT AND SEMINAR IN NATURAL SCIENCE 1.00-3.00 Credits**

Students will conduct and communicate the results of a research project in the Natural Sciences Division. Topics may include the historical, philosophical, cultural and environmental aspects, and the processes of natural science. Requirements of students include satisfactory oral presentation and defense of their research and submission of a written report approved by their advisor to the Natural Sciences Division. Pre-requisite: NS-398.

## Nez Perce Language (NP)

### Courses

**NP-101 NEZ PERCE LANGUAGE AND CULTURE 4.00 Credits**

First of two sequential courses that constitute the first year of instruction in Nimipuutimt, Nez Perce language. Emphasis is on speaking and understanding, but the courses develop all four language skills in their normal order: listening, speaking, reading and writing. Within the context of language instruction, students will become familiar with Nez Perce attitudes and behaviors and the geography, political infrastructure and day-to-day life of Nez Perce people.

**NP-102 NEZ PERCE LANGUAGE AND HISTORY 4.00 Credits**

Second of two sequential courses that constitute the first year of instruction in Nimipuutimt, Nez Perce language. Emphasis is on speaking and understanding, but the courses develop all four language skills in their normal order: listening, speaking, reading and writing. Within the context of language instruction, students will become familiar with Nez Perce attitudes and behaviors and the geography, political infrastructure and day-to-day life of Nez Perce People.

**NP-109 ELEMENTARY NEZ PERCE LANGUAGE LAB 1.00 Credit**

Repeatable for total of 2 credits. Pass/fail credit only. Co-requisite: Enrollment in Elementary Nez Perce.

**NP-190 DIRECTED STUDY IN NEZ PERCE LANGUAGE 1.00-6.00 Credits****NP-192 SPECIAL TOPICS IN NEZ PERCE LANGUAGE 1.00-6.00 Credits****NP-201 INTERMEDIATE NEZ PERCE LANGUAGE I 4.00 Credits**

First of two sequential courses that constitute the second year of instruction in Nez Perce Language. The sequence satisfies the language requirement for the Bachelor of Arts degree.

**NP-202 INTERMEDIATE NEZ PERCE LANGUAGE II 4.00 Credits**

The second of two sequential courses that constitute the second year of instruction in Nez Perce Language. The sequence satisfies the language requirement for the Bachelor of Arts degree.

**NP-209 INTERMEDIATE NEZ PERCE LANGUAGE LAB 1.00 Credit**

Repeatable for total of 2 credits. Pass/fail credit only. Co-requisite: Enrollment in Intermediate Nez Perce.

**NP-290 DIRECTED STUDY IN NEZ PERCE LANGUAGE 1.00-12.00 Credits****NP-295 PRACTICUM IN NEZ PERCE LANGUAGE 1.00-12.00 Credits****NP-310 NEZ PERCE CONVERSATION/MENTORSHIP I 2.00 Credits**

Course will allow students to achieve the Advanced Level of language proficiency as defined by the ACTFL Guidelines and are required for the Nez Perce Language minor.

**NP-311 NEZ PERCE CONVERSATION/MENTORSHIP II 2.00 Credits**

Course will allow students to achieve the Advanced Level of language proficiency as defined by the ACTFL Guidelines and are required for the Nez Perce Language minor.

**NP-390 DIRECTED STUDY IN NEZ PERCE LANGUAGE 1.00-12.00 Credits****NP-392 SPECIAL TOPICS IN NEZ PERCE LANGUAGE 1.00-12.00 Credits****NP-393 Service Learning 1.00-12.00 Credits****NP-394 Internship in Nez Perce Language 12.00 Credits**

Internship in Nez Perce Language.

**NP-395 Practicum in Nez Perce Language 12.00 Credits**

Practicum in Nez Perce Language.

**NP-490 DIRECTED STUDY IN NEZ PERCE LANGUAGE 1.00-12.00 Credits**

## Nursing (NU)

### Courses

**NU-190 DIRECTED STUDY IN NURSING 1.00-3.00 Credits****NU-193 SERVICE LEARNING 1.00-12.00 Credits****NU-290 DIRECTED STUDY IN NURSING 1.00-3.00 Credits****NU-291 WORKSHOP IN NURSING 1.00-3.00 Credits****NU-292 SPECIAL TOPICS IN NURSING 1.00-12.00 Credits****NU-295 PRACTICUM IN NURSING 1.00-12.00 Credits****NU-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****NU-306 HEALTH ASSESSMENT 2.00 Credits**

The theory component introduces a systems approach using the nursing process as a foundation for conducting a physical health assessment of an individual. The process includes data collection, interpretation, and documentation. The lab portion provides an opportunity to practice and apply techniques of physical assessment.

**NU-308 NURSING APPLICATIONS OF GENETICS 1.00 Credit**

Utilize previously gained knowledge in genetics to explore nursing interventions in genetic science and legal, ethical, and social implications of genetic manipulation.

**NU-309 SKILLS TRANSITION 1.00 Credit**

Designed for the LPN transitioning to the BSN role, this course assures competency in the skills required of the professional nurse. Basic skills will be reviewed. The student will learn additional professional nurse skills to include central venous monitoring and dressing changes, CVP measurement, intravenous medication administration, chest tube management, infusion algorithms, blood administration, and basic EKG skills. Prerequisite: Admission to LPN to BSN track.

**NU-310 END OF LIFE CARE 1.00 Credit**

Increase your knowledge and skills in caring physically and emotionally for dying patients of all ages and their families. Emphasis will be on caring for patients in acute care settings, but hospice care will be discussed. Mourning will also be addressed.

**NU-312 PHARMACOLOGY IN NURSING 3.00 Credits**

Provides the student with the knowledge necessary to administer medications as a provider of care. Examines principles of pharmacology within the framework of body systems and alterations of health across a lifespan. The physiologic process of drug actions, adverse effects of medication therapy, and safe administration are emphasized.

**NU-313 PROFESSIONAL ROLE DEVELOPMENT I: PROVIDER OF CARE 4.00 Credits**

Investigates the roles and responsibilities of the professional nurse as provider of care to individuals. Professional standards of practice, principles of evidence-based practice, and the program philosophy are introduced. Fundamental skill development and use of technology in providing nursing care are emphasized.

**NU-314 PROFESSIONAL ROLE DEVELOPMENT II: DESIGNER OF CARE 3.00 Credits**

Examine the role of the professional nurse as Provider of Care through understanding the theoretical and historical basis for nursing practice. The role of nurse as Provider of Care is expanded to include families as clients. The role of Designer of Care is explored as it relates to the role of the nurse for the client and family. Outcome analysis and evaluation is emphasized as a part of the nursing process.

**NU-317 PROFESSIONAL ROLE DEVELOPMENT II: DESIGNER OF CARE 2.00 Credits**

The purpose of this course is to explore the foundational ideas of professional nursing practice. The course is framed in the programs outline of Provider & Designer of Care as the basis for practices used in working with the patient and family. Topics include, ethics, interdisciplinary collaboration, legal aspects, Nurse Practice Act, organ donation, models of care, and concepts related to nursing theory. Skills in nurse caring, communication, teaching-learning, prioritization/decision-making, and customer service are also covered.

**NU-318 NURSING GENETICS 3.00 Credits**

This course provides the BSN degree-seeking student with a basic understanding of genetics from a nursing perspective. It is designed to help students expand their learning about basic concepts of molecular genetics, gene expression, and genomics as it applies to health issues through the life span and how it influences specific health problems, and ethical concerns. Specific health topics of behavioral health, cardiovascular disease, cancer, immunity, and responses to medications will be applied to nursing issues in diverse contexts. Pre-requisite: Admission to the basic BSN, LPN-BSN, RN-BSN track, or instructor permission.

**NU-325 ALTERATIONS IN HEALTH I 3.00 Credits**

Provides the student with a comprehensive theoretical foundation for the management of clients across the lifespan who experience alterations in health. The course builds on knowledge from the biological support courses to examine health problems within the context of medical and nursing sciences. Skills in critical thinking are developed for application to the nursing process as a provider of care.

**NU-326 ALTERATIONS IN HEALTH AND PHARMACOLOGY RECITATION 1.00 Credit**

This course is designed to enhance student learning and to increase proficiency in critical thinking and problem solving with the goal of optimizing student success in NU 325 Alterations in Health I and NU 312 Pharmacology in Nursing. Concurrent enrollment in NU 325 and NU 312 is required. Graded Pass/Fail.

**NU-332 PRACTICUM: ALTERATIONS IN HEALTH I 5.00 Credits**

The professional nurse role of provider of care is practiced in a variety of settings with individuals across the lifespan. Integrates basic skill performance, the application of the nursing process, critical thinking and teaching skills to clients experiencing alterations in health. Written and verbal communication within the healthcare team and to patients is emphasized. Graded Pass/Fail only.

**NU-341 ALTERATIONS IN HEALTH II 3.00 Credits**

Provides the student with a comprehensive theoretical foundation for clients experiencing complex alterations in health. Expands knowledge of the nursing and medical sciences for examining increasingly complex alterations of health for individuals across the lifespan within the context of family. Skills in critical thinking and judgment continue to be emphasized as a provider and designer of care.

**NU-342 PRACTICUM: ALTERATIONS IN HEALTH II 5.00 Credits**

Expands the professional nurse role of provider of care. Introduces the role as designer of care to clients across the lifespan in the context of their social support system. Integrates advanced skill performance, individualized application of the nursing process, critical thinking and teaching skills to clients experiencing more complex alterations in health, including mental illness. Emphasis on therapeutic communications, and coordination and evaluation of care. Graded Pass/Fail only.

**NU-352 PSYCHIATRIC AND MENTAL HEALTH NURSING 2.00 Credits**

Introduces the role of the professional nurse in caring for mentally ill individuals in inpatient and community settings. Theoretical knowledge of psychiatric conditions and appropriate nursing and therapeutic interventions are taught. Emphasis on therapeutic communication and treatment modalities to assist patients to attain optimal mental wellness.

**NU-354 GERIATRIC NURSING 2.00 Credits**

Examines issues related to the provision of holistic nursing care to elderly clients. Emphasis on assessment, health promotion, development and cultural aspects of aging. Chronicity and common syndromes associated with aging, along with theories of aging are examined. The importance of individualized interventions in geriatrics is stressed.

**NU-356 GERIATRIC NURSING-LPN 1.00 Credit**

This course builds upon knowledge learned in the LCSC Practical Nursing program and focuses on issues related to the provision of holistic nursing care to older adults. Emphasis is placed on assessment, health promotion, developmental and cultural aspects of aging. Chronicity and common syndromes associated with aging are evaluated. The importance of individualized interventions in geriatrics is stressed. The purpose of the course is to develop confidence and competence in providing care to members of the older adult population and provides the foundation of knowledge required for baccalaureate prepared nurses. This course is available to graduates of the LCSC PN program. Pre-requisite: Admission to the LPN-BSN track or permission by instructor.

**NU-360 TRANSCULTURAL HEALTHCARE 2.00 Credits**

Focuses on transcultural nursing and healthcare, with culturally competent care as the central phenomenon to promote health and well-being. This course is designed to help students expand their learning about culture care beliefs, values and practices of specific cultures, subcultures, and marginalized groups. Specific transcultural nursing/health care concepts, principles, and strategies will be applied to contemporary issues in diverse contexts. Writing integrated.

**NU-390 DIRECTED STUDY IN NURSING 1.00-3.00 Credits****NU-392 SPECIAL TOPICS IN NURSING 1.00-3.00 Credits****NU-399 RESEARCH ASSISTANTSHIP 1.00-3.00 Credits****NU-407 MATERNAL HEALTH THEORY 2.00 Credits**

Provides a theoretical framework for the care of pregnant women, and families in a variety of settings. Utilizes the nursing process to explore therapeutic nursing interventions and the roles of the professional nurse. Pre-requisite: Acceptance to BSN Program or permission of instructor and successful completion of all previous nursing classes with a grade of C or above.

**NU-408 PEDIATRIC HEALTH THEORY 2.00 Credits**

Provides a theoretical framework for the care of children, and families in a variety of settings. Utilizes the nursing process to explore therapeutic nursing interventions and the roles of the professional nurse. Pre-Requisite: Acceptance to BSN Program or permission of instructor and successful completion of all previous nursing classes with a grade of C or above.

**NU-413 PROFESSIONAL ROLE DEVELOPMENT III: MANAGER/COORDINATOR OF CARE 3.00 Credits**

Explores the roles and responsibilities of the professional nurse as manager/coordinator of care for diverse clients and in the healthcare system. The exploration of nursing and management theories provides a basis for the roles of patient advocate, interdisciplinary coordinator, and team manager. Management skills emphasized in this course include management of quality nursing care through outcome and evidence-based evaluation, collaboration, and collegiality.

**NU-414 PROFESSIONAL ROLE DEVELOPMENT IV: MEMBER OF THE PROFESSION 2.00 Credits**

Develops and refines the role of the baccalaureate nurse as a leader within the profession and society. Professional and societal issues are used as a forum for the development of personal goals for lifelong learning. Leadership skills include advocacy, communication, and political awareness.

**NU-416 PRACTICUM IN FAMILY HEALTH 3.00 Credits**

Applies theoretical knowledge in the care of children, pregnant women, and families in a variety of settings. Integrates basic skill performance, the application of the nursing process, critical thinking and teaching skills.

**NU-418 FAMILY NURSING 2.00-3.00 Credits**

Provides a theoretical framework for the care of children, pregnant women, and families in a variety of settings. Utilizes the nursing process to explore therapeutic nursing interventions and the roles of the professional nurse. This course may be a theory or a combined theory/clinical option depending on student learning needs. Pre-Requisite: Acceptance to PN-BSN Program or permission of instructor and successful completion of all previous nursing classes with a grade of C or above.

**NU-421 PREPARATION FOR NCLEX AND PROFESSIONAL PRACTICE 2.00 Credits**

Synthesizes knowledge from all previous BSN courses; thus preparing students for the provision of safe care during their guided preceptorship experience. Knowledge and skills in critical thinking and judgment continue to be emphasized, particularly in relation to preparation for graduation and licensure. Expands knowledge regarding NCLEX style test taking. Pre-requisite: Completion of all prior nursing courses or permission of instructor.

**NU-440 POPULATION HEALTH 3.00 Credits**

Explores the theoretical and conceptual foundations of population health and community and public health nursing. Community assessment, population-focused practice, epidemiology, and health promotion are examined in a rural, regional, and global context.

**NU-442 PRACTICUM IN POPULATION HEALTH 2.00 Credits**

Provides the opportunity to apply theoretical and conceptual foundations learned in NU-440 Population Health with clinical practice, focusing on the community as client. A variety of clinical partnerships provide students with opportunities to participate in population health initiatives. The student develops community assessment, analysis, and diagnosis, as the basis for implementation of community-level interventions for health promotion in diverse community settings, as well as skills in organizing and developing community partnerships. Graded Pass/Fail only. Co-requisite: NU-440 must be taken concurrently or prior to NU-442.

**NU-447 EVIDENCE BASED PRACTICE FOR NURSING 3.00 Credits**

Develops basic research concepts and processes that are necessary for the professional nurse to participate in evidence-based practice (EBP). Emphasis on the utilization of research through the process of retrieval, critical appraisal, and synthesis of evidence in collaboration with other members of the healthcare team. Applies evidence to clinical practice through the dissemination of EBP with a focus on improved patient care/outcomes, nursing practice, and healthcare systems. Pre-requisite: Acceptance to BSN program; PSYC-300, MATH-153 or MATH-253 or equivalent, with a grade of C or better.

**NU-469 HEALTHCARE POLICY AND ECONOMICS 2.00 Credits**

Provides the student with a basic understanding of the world of healthcare from an economic and political point of view. The student will gain an understanding of the business and financial environments impacting healthcare today, general economic and financial concepts, budgeting processes, the influence of economic and political factors on access to healthcare, and the use of financial information in the decision-making process. Pre-requisite: MATH 153 or MATH 253 or PSYC 300 or equivalent.

**NU-477 GUIDED PRECEPTORSHIP 4.00 Credits**

Synthesizes the role of the professional nurse as a Provider/Designer/Manager of care to individuals and groups through application of all previous clinical and theoretical coursework. In a supervised setting, the student's competence in nursing skills and the nursing process is assessed followed by advancement to an independent preceptorship in an assigned clinical setting. The professional nurse roles of provider of care, designer/manager/coordinator of care, and member of the profession are emphasized.

**NU-478 PRACTICUM IN LEADERSHIP FOR THE REGISTERED NURSE 2.00 Credits**

Facilitates the application of theoretical leadership and management concepts while working with a nurse manager or leader in a variety of settings. Emphasis on change, communication, current practice and care delivery issues, and development of professional leadership skills for the registered nurse.

**NU-480 NEONATAL RESUSCITATION 1.00 Credit**

This course is intended primarily for persons who may be required to assist with the resuscitation of a newborn infant in a hospital setting. The material used in this course is provided by the American Heart Association of the American Academy of Pediatrics. Pre-requisite: Permission of the instructor.



**NU-482 HEALTHCARE POLICY 2.00 Credits**

Examines the world of healthcare from a political and socioeconomic point of view. The student will gain an understanding of the structure of the U. S. healthcare system and how it contrasts with those of other developed nations, issues impacting healthcare today, and the influence of political factors on cost, quality, and access to healthcare.

**NU-484 HEALTHCARE ECONOMICS 2.00 Credits**

Provides the student with a basic understanding of the world of healthcare from an economic and financial point of view. The student will gain an understanding of the business and financial environments impacting healthcare today, general economic and financial concepts, budgeting processes, the influence of economic factors on access to healthcare, and the use of financial information in the decision-making process.

**NU-490 DIRECTED STUDY IN NURSING 1.00-3.00 Credits****NU-491 WORKSHOP IN NURSING 1.00-3.00 Credits****NU-492 SPECIAL TOPICS IN NURSING 1.00-12.00 Credits****NU-494 INTERNSHIP IN NURSING 3.00 Credits**

Internship in Nursing opportunity to integrate the skills and knowledge acquired in all previous coursework leading to the Business Administration degree with a Healthcare Management Emphasis. Students will engage in practical experience shadowing a healthcare manager, and the design, execution, and presentation of a healthcare management capstone project. Additionally, students will participate in service learning for their community; evaluate and discuss ethical issues in collaboration with their colleagues; and synthesize prior learning with a formal research paper on the future of healthcare management.

**NU-495 PRACTICUM IN NURSING 1.00-12.00 Credits****NU-498 CAPSTONE: HEALTHCARE MANAGEMENT 3.00 Credits**

This culminating course provides students the opportunity to integrate the skills and knowledge acquired in all previous coursework leading to the Business Administration degree with a Healthcare Management Emphasis. Students will engage in practical experience shadowing a healthcare manager, and the design, execution, and presentation of a healthcare management capstone project. Additionally, students will participate in service learning for their community; evaluate and discuss ethical issues in collaboration with their colleagues; and synthesize prior learning with a formal research paper on the future of healthcare management.

**NU-499 RESEARCH PROJECT AND SEMINAR IN NURSING 1.00-12.00 Credits****NU-582 HEALTHCARE POLICY 2.00 Credits**

Examines the world of healthcare from a political and socioeconomic point of view. The student will gain an understanding of the structure of the U. S. healthcare system and how it contrasts with those of other developed nations, issues impacting healthcare today, and the influence of political factors on cost, quality, and access to healthcare.

**NU-584 HEALTHCARE ECONOMICS 2.00 Credits**

Provides the student with an understanding of the world of healthcare from an economic and financial point of view. The student will gain an understanding of the business and financial environments impacting healthcare today, general economic and financial concepts, budgeting processes, the influence of economic factors on access to healthcare, and the use of financial information in the decision-making process.

**NU-594 INTERNSHIP IN NURSING 3.00 Credits**

This culminating course provides students the opportunity to integrate the skills and knowledge acquired in all previous coursework. Students will engage in practical experience shadowing a healthcare manager, including the design, execution, and presentation of a healthcare management capstone project. Additionally, students will participate in service learning for their community; evaluate and discuss ethical issues in collaboration with their colleagues; and synthesize prior learning with a formal research paper on the future of healthcare management. Prerequisites: NU-582 and NU-584.

## Pharmacy (PHAR)

### Courses

**PHAR-110 PHARMACY LAW AND ETHICS 2.00 Credits**

This course provides the student with an introduction to federal and state laws regulating the practice of pharmacy. Special emphasis is given to the areas of state law for Idaho and Washington regulating the activities of the technician. This course includes a focus on recordkeeping and medical ethics to better fulfill the technical needs of the students and bring the program in line with national standards.

**PHAR-150 INTRO TO PHARMACOLOGY 3.00 Credits**

This course is designed to provide an overview of pharmacologic principles with an emphasis on therapeutic drug classification. For each therapeutic drug classification, basic mechanism of drug actions, side effects, routes of administration, and common indications will be reviewed. Students will become familiar with common abbreviations and vocabulary terms related to drug therapy. Additionally, the course will prepare students to recognize the top 200 drugs (generic and brand name).

**PHAR-152 ADVANCED PHARMACOLOGY 3.00 Credits**

PHAR 152 is designed to teach students how to categorize commonly prescribed/dispensed oral and injectable drugs into their therapeutic drug classifications. Emphasis will be on the top 200 prescription drugs prescribed in the U.S. For each top 200 drug, the student will distinguish between generic and brand name, recognize common indications and identify available dosage forms, strengths, routes of administration, common dosing regimens, contraindications, side effect profiles, and significant drug interactions. As the therapeutic drug classifications are studied, human medical conditions (as related to anatomy and physiology) will be reviewed.

**PHAR-161 EXTEMPORANEOUS COMPOUNDING & IV CERT 3.00 Credits**

This course is designed to train pharmacy technicians in the latest practices and equipment used in extemporaneous compounding, sterile product preparation and aseptic technique. Upon successful completion of the course the Pharmacy technician will be eligible for Nation Certification through NPTA in IV/Sterile Products and Compounding.

**PHAR-171 APPLIED PHARMACY TECHNOLOGY I 3.00 Credits**

This course is designed to provide students with the background information and knowledge about pharmacy practice in a variety of settings including ambulatory, home care, and institutional pharmacy. Overviews of prescription processing and filling in both ambulatory and institutional settings will be covered. Students will develop entry skills for prescription interpretation and processing by completing both paper and electronic assignments. In addition to prescription processing, other topics that will be covered include the following: role of the pharmacist and the technician, dosage forms, routes of administration, drug/medical abbreviations, insurance billing, drug information, medication errors, purchasing and inventory control, computer technology, professionalism, and customer service. The knowledge base and skills developed in this course will focus toward preparing students for their first practicum experience.

**PHAR-172 APPLIED PHARMACY TECHNOLOGY II 2.00 Credits**

PHAR-172 continues to provide students with the knowledge and skills necessary for competent performance of technical pharmacy tasks in institutional and ambulatory settings. Institutional pharmacy will be emphasized, especially sterile products preparation, pharmacy calculations, and unit dose drug distribution systems. Emphasis will also be on gaining competency (speed and accuracy) in filling ambulatory prescriptions. Extemporaneous compounding will be introduced with students completing basic compounding recipes. Students will develop skills by completing laboratory exercises. Prerequisite: PHAR-171.

**PHAR-175 PHARMACY TECHNICIAN CERT EXAM PRER 1.00 Credit**

This course is designed to prepare students for the National Pharmacy Technician Certification Exam. The course covers the major areas of focus for the national exam: assisting the pharmacist in serving patients, maintaining medication and inventory control systems, and participating in the administration and management of pharmacy practice. The course will also cover test taking techniques and strategies for success on the national exam.

**PHAR-182 PHARMACY TECH PRACTICUM & SEMINAR I 5.00 Credits**

This is a supervised pharmacy technician practice in a retail or institutional setting. Instruction and guidance are provided by the staff of participating pharmacies. Emphasis is on application of classroom content in the pharmacy setting. 190 hours of practicum. Prerequisite: PHAR-150 and PHAR-171.

**PHAR-187 PHARMACY TECH PRACTICUM & SEMINAR II 5.00 Credits**

This is a supervised pharmacy technician practice in a retail or institutional setting. Instruction and guidance are provided by the staff of participating pharmacies. Emphasis is on application of classroom content in the pharmacy setting. 190 hours of practicum Prerequisites: PHAR-152, PHAR-172, and PHAR-182.

## Philosophy (PHIL)

### Courses

**PHIL-200 SOCIAL AND POLITICAL PHILOSOPHY 3.00 Credits**

A philosophical investigation of the justifications of political systems forwarded by ancient and modern political thinkers. Writing integrated. Cross-listed with POLS-200.

## Physics (PHYS)

### Courses

**PHYS-108 GENERAL PHYSICS WITH RADIATION 4.00 Credits**

Classical mechanics, electricity and magnetism, circuits, atomic structure, radiation health physics, and X-ray production. This course introduces topics in physics essential to the field of radiation science and technology. There are three hours of lecture and one 2-hour laboratory per week. Emphasis will be placed on problem-solving. Pre-requisites: MATH-137, MATH-143 and MATH-144, or MATH-147.

**PHYS-111 GENERAL PHYSICS I 4.00 Credits**

Mechanics, heat and thermodynamics. General Physics I is a study of the fundamental principles of classical physics. An emphasis is placed upon analytic problem solving using algebra and elementary trigonometry, and laboratory skills. There are three hours of lecture and one 3-hour laboratory per week. Pre-requisite: A grade of 'C' or better in MATH-144 or MATH-147 or satisfactory math placement.



**PHYS-112 GENERAL PHYSICS II 4.00 Credits**

Electricity and magnetism, optics, modern physics. General Physics II is the sequel to General Physics I. Course covers the fundamental principles of electricity, magnetism, and light. There are three hours of lecture and one 3-hour laboratory per week. Pre-requisite: A grade of 'C' or better in PHYS-111.

**PHYS-171 PHYS SCIENCES FOR ELEMENTARY EDUCATORS 4.00 Credits**

This course is an introduction to chemistry and physics for future elementary educators. To this end, we will cover the physical science topics specified by Idaho State Standards for grades K through 8. These include measurement, forces, energy, electricity and mixtures and solutions, and science methodology. Throughout the semester, we will also explore ways of teaching that foster deep learning, conceptual understanding, curiosity and confidence-building. Pre-requisite: Level C or higher. Core math ready (excluding 153P and 123P) or core math complete. See Course Placement Chart for equivalent courses and test scores.

**PHYS-190 DIRECTED STUDY IN PHYSICS 1.00-12.00 Credits****PHYS-192 SPECIAL TOPICS IN PHYSICS 1.00-12.00 Credits****PHYS-205 DESCRIPTIVE ASTRONOMY 4.00 Credits**

A survey of descriptive astronomy. Topics: historical development of theories of the universe, physical organization of the solar system/universe; the formation and evolution of stars, galaxies, recently discovered astronomical objects such as quasistellar objects and black holes; evolution of the universe. Three hours of lecture and one 3-hour laboratory per week. Pre-requisite: Level C or higher. Core math ready (excluding 153P and 123P) or core math complete. See Course Placement Chart for equivalent courses and test scores.

**PHYS-211 PHYSICS FOR SCIENTISTS AND ENGINEERS I 5.00 Credits**

Mechanics, heat and thermodynamics. Engineering Physics I is the standard, calculus based university physics course. Fundamental principles of physics are examined using analytic problem-solving and laboratory exploration. There are four hours of lecture and one 3-hour laboratory per week. Requisite: MATH-170 must be taken either as a prerequisite or concurrently.

**PHYS-212 PHYSICS FOR SCIENTISTS AND ENGINEERS II 5.00 Credits**

Electricity and magnetism, optics, modern physics. Engineering Physics II is the sequel to Engineering Physics I. Principles of electrodynamics theory, elements of optics, and modern physics are examined using analytic problem solving and laboratory exploration. There are four hours of lecture and one, three-hour laboratory per week. Pre-requisite PHYS-211 with a grade of C or better.

**PHYS-290 DIRECTED STUDY IN PHYSICS 1.00-4.00 Credits****PHYS-291 WORKSHOP IN PHYSICS 1.00-4.00 Credits****PHYS-292 SPECIAL TOPICS IN PHYSICS 1.00-12.00 Credits****PHYS-293 SERVICE LEARNING 1.00-12.00 Credits****PHYS-295 PRACTICUM IN PHYSICS 1.00-12.00 Credits****PHYS-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****PHYS-305 AN INTRODUCTION TO MODERN PHYSICS 3.00 Credits**

An introduction to the non-classical physics of the 20th century. Selected topics include the historical development that lead to modern physics, the transitional Bohr model, descriptive elements of quantum mechanics, special relativity, nuclear physics, and elementary particles. Three hours of lecture per week. Pre-requisite: A grade of 'C' or better in PHYS-111 or PHYS-211.

**PHYS-390 DIRECTED STUDY IN PHYSICS 1.00-4.00 Credits****PHYS-395 PRACTICUM IN PHYSICS 1.00-12.00 Credits****PHYS-399 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****PHYS-490 DIRECTED STUDY IN PHYSICS 1.00-4.00 Credits****PHYS-491 WORKSHOP IN PHYSICS 1.00-4.00 Credits****PHYS-492 SPECIAL TOPICS IN PHYSICS 1.00-12.00 Credits****PHYS-495 PRACTICUM IN PHYSICS 1.00-12.00 Credits**

## Political Science (POLS)

### Courses

**POLS-100 INTRO TO POLITICAL SCIENCE & GOVERNMENT 3.00 Credits**

Theories and concepts appropriate to understanding how human conflict arises and is resolved are surveyed. Problems in American, foreign and international politics provide the focus of study.

**POLS-101 AMERICAN NATIONAL GOVERNMENT 3.00 Credits**

Students are introduced to the general problems of government. The emphasis is on the basic concepts of American politics and the major structural and Constitutional elements of national government.

**POLS-102 AMERICAN STATE AND LOCAL GOVERNMENT 3.00 Credits**

This course is an introductory survey of the administration, politics, and organization of government at the sub-national level, including city, county, special district, and state governments. A brief introduction to the basics of the policy-making process is provided. Writing integrated.

**POLS-200 SOCIAL AND POLITICAL PHILOSOPHY 3.00 Credits**

A philosophical investigation of the justifications of political systems forwarded by ancient and modern political thinkers. Writing integrated. Cross-listed with PHIL-200.

**POLS-237 INTERNATIONAL POLITICS 3.00 Credits**

An overview of the world political system and a framework for analysis of the actions and actors in the global arena is provided.

**POLS-285 COMPARATIVE GOVERNMENT 3.00 Credits**

An introduction to the study of politics through the comparison of selected foreign governments. The significance of contrasts in the role of culture, constitutions, interest groups, parties, participation, and political institutions in the formation of policy are discussed and analyzed.

**POLS-290 DIRECTED STUDY IN POLITICAL SCIENCE 1.00-3.00 Credits****POLS-291 WORKSHOP IN POLITICAL SCIENCE 1.00-3.00 Credits****POLS-292 SPECIAL TOPICS IN POLITICAL SCIENCE 1.00-3.00 Credits****POLS-294 INTERSHIP IN POLITICAL SCIENCE 1.00-3.00 Credits****POLS-295 PRACTICUM IN POLITICAL SCIENCE 1.00-12.00 Credits****POLS-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****POLS-300 INTERNATIONAL POLITICAL ECONOMY 3.00 Credits**

An overview of the international economic system and the relationship of the global economy to world politics - the current economic order is emphasized. Students should take an appropriate economics course. Pre-requisite: ENGL 102 or ENGL 109, or permission of instructor.

**POLS-332 GOVERNMENT AND POLITICS OF LATIN AMERICA 3.00 Credits**

Students will examine contemporary political processes and their historical roots in Latin American states, including government structures, regime change, parties and elections, social movements, the effects of imperialism and colonialism and local political economy.

**POLS-340 SOCIAL POLICY 3.00 Credits**

This course explores the development, formulation, implementation and effects of social policy on institutions and society. Social policy formation, decision-making, analysis, and their intentional and unintentional effects on society are examined through the utilization of both historic and scientific public policy critical thinking analysis. Issues of identifying, evaluating, and reporting those effects are presented and discussed. A preview of present and future public policy trends will be introduced and critically analyzed.

**POLS-345 CONSTITUTIONAL LAW 3.00 Credits**

This course is designed to introduce students to the historical development of the Constitution and the problems encountered under this type of system.

**POLS-370 POLITICAL COMMUNICATION 3.00 Credits**

This course deals with communication as the essence of the political process. By examining such topics as political campaigning, the press-government relationship, and the rhetoric of political leaders, the implications of political communication are addressed from the perspectives of politicians, the press, and the public. Cross-listed with COMM-370.

**POLS-390 DIRECTED STUDY IN POLITICAL SCIENCE 1.00-3.00 Credits****POLS-392 SPECIAL TOPIC IN POLITICAL SCIENCE 1.00-3.00 Credits****POLS-394 INTERSHIP IN POLITICAL SCIENCE 1.00-3.00 Credits****POLS-399 RESEARCH ASSISTANTSHIP 3.00 Credits****POLS-429 ORIGINS OF AMERICAN FOREIGN POLICY 3.00 Credits**

The class examines the origins and development of major foreign policies within the context of international linkages, diplomatic organizations, and diplomatic procedures. Pre-requisites: ENGL-102 or ENGL-109; and completion of Social Science Core; or permission of instructor. Cross-listed with HIST-429.

**POLS-463 WOMEN & POLITICS 3.00 Credits**

Through this course, students will gain an understanding of the complexity surrounding women and politics through comparative and international perspectives, centering on how policy affects women, women affect policy and women as political leaders. Pre-requisite: ENGL-102 or ENGL-109, or permission of instructor.

**POLS-464 POLITICAL PSYCHOLOGY 3.00 Credits**

In this course students will examine patterns of political behavior, including group behavior, information processing, the formation of political attitudes, emotions, personality, partisanship, voting, race, and tolerance. Pre-requisite: POLS-101 or PSYC-101, or permission of instructor. Cross-listed with PSYC-464.

**POLS-465 GLOBALIZATION, GEOGRAPHY, AND THE STATE 3.00 Credits**

Through this course students will gain an understanding of the political, social, cultural, economic, technological, and environmental aspects of globalization. The emphasis is on the implications of the conception and power of the state and the role spatial processes play in globalization and development. Cross-listed with GEOG-465. Pre-requisite: ENGL-102 or ENGL-109, or permission of instructor.

**POLS-490 DIRECTED STUDY IN POLITICAL SCIENCE 1.00-3.00 Credits****POLS-491 WORKSHOP IN POLITICAL SCIENCE 1.00-3.00 Credits****POLS-492 SPECIAL TOPICS IN POLITICAL SCIENCE 1.00-3.00 Credits****POLS-494 INTERNSHIP IN POLITICAL SCIENCE 1.00-12.00 Credits****POLS-495 PRACTICUM IN POLITICAL SCIENCE 1.00-12.00 Credits****POLS-499 RESEARCH ASSISTANTSHIP 1.00-3.00 Credits**

## Practical Nursing (PN)

### Courses

No courses found for PN

## Printing Technology/BTS (PITPT)

### Courses

**PITPT-101 INTRODUCTION TO PRINTING TECHNOLOGY 3.00 Credits**

Introduces students to Graphic Arts/Printing Technology. Includes a short history of communication followed by a general overview of prepress and preparation basics, printing processes, digital imaging, finishing and binding, workflow, publishing, new media, typography, and design. Students will also look at the future of communications, new issues in the field, and current industry trends.

**PITPT-102 INTRO/GRAPHIC COMMUNICATIONS 3.00 Credits**

Graphic Communications is the process of communicating visually using typography and images to present information. Graphic design practice embraces a range of cognitive skills, aesthetics, and crafts, including typography, visual arts, and page layout. Like other forms of design, graphic communications often refers to both the process (designing) by which the communication is created and the products (designs) which are generated. We will learn various techniques and processes on how to disseminate such information.

**PITPT-111 INTRODUCTION TO PACKAGING 3.00 Credits**

This course will introduce students to the packaging industry with an emphasis on corrugated packaging. Content will explore various substrates used in packaging, common industry practices, and the production process from raw materials to structural design and printing. Students will get the opportunity to view production processes first-hand with field trips to regional packaging facilities. Content will be delivered via a combination of lecture, demonstration, and industry-provided web-based resources.

**PITPT-115 DIGITAL IMAGE PREPARATION 3.00 Credits**

This course presents the concept of high end printing utilizing Adobe PageMaker. Printed materials need to be laid out for press production and finishing procedures-students will "work backwards" with the total printing production in mind. Students will understand crop marks, document size, press sheet size, among other basic needs in the print world. Pre-requisites: PITPT-101 and GNBPT-110 or permission of instructor.

**PITPT-119 ADOBE INDESIGN 3.00 Credits**

Students will explore and use Adobe InDesign in a print production workflow with special attention to prepress activities. Whether switching from other page layout programs, or learning layout for the first time, this course will cover all the basics used in the real-world process of creating documents, working with text and objects, applying formatting and styles, placing images, managing color, and outputting files.

**PITPT-129 ADOBE ILLUSTRATOR 3.00 Credits**

Adobe Illustrator is a sophisticated graphics program capable of creating complex and attractive illustrations with type effects, including logos, advertisements and other illustrations. Students will learn basic drawing, coloring, and editing. The student will then advance to transparency, type, advanced path tools, special effects and more.

**PITPT-131 OFFSET PRESS I 7.00 Credits**

Introductory offset presswork and pressroom procedures, including feeding and delivery systems, press adjustments, chemistry, papers, and ink.

**PITPT-133 FINISHING AND BINDING 3.00 Credits**

Theory and practice in basic bindery and finishing operations including cutting, folding, drilling, stitching, binding, scoring and perforating.

**PITPT-134 GRAPHIC COMMUNICATIONS I 3.00 Credits**

This course will provide a hands on approach to the fundamentals of designing for print and digital production, from the early stage of conception and planning, to the technical stages of file and color management, with a focus on critical thinking and realistic application of projects. Structured around the graphic communications print and digital production flow, essential material will be taught for all aspects of the process, including coverage of computers, color management, layouts, file format optimization, designing for digital and print production, designing with accessibility in mind, ethical and legal issues, and much more. Pre-requisite: PITPT-129.

**PITPT-135 GRAPHIC COMMUNICATIONS II 3.00 Credits**

This course will be a continuation of Graphic Communications I, and build more extensively upon prepress post-press and finishing/binding processes. The course will include theory and practice in basic bindery and finishing operations, including cutting, folding, drilling, stitching, binding, scoring, and perforating. Students will learn and gain knowledge of paper types related to their grain directions, cutting, folding and binding characteristics. This course will also build upon skills learned in other Graphic Communications courses, and students will be able to turn their designs into actual production from concept to delivery, using a hands on approach. Pre-Requisite: PITPT-134.

**PITPT-139 ADOBE PHOTOSHOP 3.00 Credits**

Students will explore and use Adobe Photoshop for photo editing. Instruction includes an overview of the software, including simple functions such as managing documents and palettes, then moving on to cover more specific topics such as image adjustment and manipulation, tonal and color correction, brush settings, cloning, healing, and other advanced tools, layers, masks, type, blending modes, filters, layer effects, and much more.

**PITPT-154 PRINT PRODUCTION TECHNIQUES 3.00 Credits**

This course will sharpen students' print production skills with definitive resources created specifically for design professionals who need to create files using the Adobe Creative Suite applications, including InDesign, Photoshop, Illustrator and Acrobat. Instruction will be an overview for hands-on techniques to prepare files, edit photos and graphics and prevent common problems without missing a deadline. Course instruction will also consist of a more in-depth study of the physical requirements of the printing process.

**PITPT-190 DIRECTED STUDY IN PRINTING 1.00-6.00 Credits****PITPT-191 WORKSHOP IN PRINTING TECHNOLOGY 1.00-6.00 Credits****PITPT-192 SPECIAL TOPICS IN PRINTING TECHNOLOGY 1.00-6.00 Credits****PITPT-194 INTERNSHIP IN PRINTING TECHNOLOGY 1.00-12.00 Credits****PITPT-194A INTERNSHIP IN PRINTING TECHNOLOGY I 1.00-6.00 Credits**

Internship in Printing Technology.

**PITPT-194B INTERNSHIP IN PRINTING TECHNOLOGY II 1.00-6.00 Credits**

Continuation of PITPT 194A as a 100-level internship in Printing Technology.

**PITPT-194C INTERNSHIP IN PRINTING TECHNOLOGY III 1.00-6.00 Credits**

Continuation of PITPT 194B as an intermediate 100-level internship in Printing Technology.

**PITPT-194D INTERNSHIP IN PRINTING TECHNOLOGY IV 1.00-6.00 Credits**

Continuation of PITPT 194C as an intermediate to advanced 100-level internship in Printing Technology.

**PITPT-201 ADVANCED DIGITAL IMAGE PREPARATION 4.00 Credits**

Advanced digital preparation methods, emphasizing system and file management, file compression and conversion, and network operating systems. This course teaches the function and usage of digital imagesetters and to identify and compare digital proofing systems. Students will demonstrate the ability to preflight and apply file repair procedures. Pre-requisite: PITPT-115 or permission of instructor.

**PITPT-202 ADOBE PHOTOSHOP 3.00 Credits**

This class is designed for students who need to learn the fundamentals of Adobe Photoshop. The class will begin with an overview of the software, including simple functions such as managing documents and palettes. More specific topics will then be covered, such as image adjustment and manipulation, tonal and color correction, brush settings, cloning, healing and other advanced tools along with layers, masks, type, blending modes, filters, and layer effects.

**PITPT-209 TYPOGRAPHY 3.00 Credits**

Typography is the cornerstone of graphic design, but many beginning (and even experienced) graphic designers still have difficulties selecting the right type for the job. Students will learn how to choose, size, color and integrate type into their designs. Student will need the following to successfully complete the course: computer with broadband Internet connection; Adobe Illustrator (or equivalent vector-based drawing program) or Adobe InDesign (or equivalent layout program); and digital camera (cell-phone is okay). Pre-requisite: PITPT 119 and PITPT 129 or be concurrently enrolled in PITPT 129 with instructor's permission.

**PITPT-211 GRAPHIC COMMUNICATIONS III 6.00 Credits**

This course will build upon skills learned in previous Graphic Communications courses to provide a hands on learning approach in a real world environment. Students will apply knowledge and skills learned in previous GC courses to produce printed projects and build a portfolio to present for future employment opportunities. The student will spend a specified amount of time in each of the following areas: 1) Digital Image Preparation, which includes concept development, design and layout, 2) Digital Image Assembly and Prepress, 3) Press Operations, and 4) Finishing and binding. Pre-requisite: PITPT-135.

**PITPT-219 PRINCIPLES OF ADVERTISING 3.00 Credits**

Introduces the student to an overview of the global advertising industry, providing the fundamentals for developing, creating and implementing advertising campaigns based on strategic marketing principles and planning. The ongoing development and evolution of brand advertising and integrated marketing communications strategies with tactical executions will be examined, including: public relations, word of mouth, guerilla, experiential, online, viral and blog marketing.

**PITPT-220 ADOBE PREMIER 3.00 Credits**

Get started with Adobe Premiere Pro. This beginning-level course takes you through the basic ins and outs of Premiere Pro CC. Using a project-based approach, you will learn editing by blending technical and aesthetic instruction. Tour the interface, and then go through the entire post-production process-including ingest, organization, editing, refining, audio editing, basic effects, color correction, titling, output, and more.

**PITPT-221 PRINTING MANAGEMENT 3.00 Credits**

Application of knowledge and skills learned in previous courses to manage all printshop functions; computer estimating program based on cost centers is assembled and tested.

**PITPT-228 TECHNICAL LAYOUT AND IMPOSITION 3.00 Credits**

The importance of imposition and trapping will be emphasized in this course that is intended to be used as a bridge between the digital techniques used for imposition today and the traditional photomechanical approach used for most of the 20th century. The course material will lead students through the vocabulary, tools, and processes of image assembly, presenting the details of this vanishing profession while illuminating the ways in which these historic techniques connect to the computer-based workflow of today. Students will learn imposition and trapping standards, both conventional and digital, and know that they are dictated by press and bindery. Included will be an introduction to current digital imposition and digital trapping software.

**PITPT-229 PRINCIPLES OF DESIGN I 3.00 Credits**

This course will introduce students to the basic principles of design. The focus will be on hierarchy and the organization of text and images. Students will create solutions to various design problems by completing a series of projects throughout the semester. There will be a combination of lectures and hands-on activities.

**PITPT-245 BUSINESS SIDE OF CREATIVITY 3.00 Credits**

Every year the market for creative services expands, but the competition is increasing even faster. Today, success hinges not on talent alone, but on a thorough understanding of the business side of creativity. This course will give students a comprehensive look at what it takes to run a small graphic design or communications business. There will be a particular focus on practical applications such as contracts, pricing, and tax issues.

**PITPT-254 PHOTOSHOP PHOTOGRAPHY 3.00 Credits**

Students will explore and use Adobe Photoshop to enhance digital photography. This class follows a photographer's digital workflow, starting with essential color management decisions and organizing images with Adobe Bridge. Students will then move on to processing Camera RAW files, enhancing tone and color as well as correcting imperfections. Students will learn how to prepare the images for output and client reviews. Required Materials: CAMERA-use of a 5 megapixel or higher resolution digital SLR capable of shooting Camera RAW is required. Camera must be capable of fully manual exposure and focus. No point-and-shoots or cell phone cameras. Camera use is not provided by class/instructor. SOFTWARE: Use of Photoshop CS4 or higher is required. Pre-requisite: PITPT 139 or permission of instructor.

**PITPT-281 PACKAGING STRUCTURAL DESIGN 3.00 Credits**

A key position in the Packaging field is the Structural Designer. These are the people responsible for creating the packaging structure to appropriately fit, protect, and ship certain products, as well as recommending the appropriate materials. Students will learn to use CAD software specific to the Packaging industry (Arden Impact) to create many common packaging styles, as well as 3D virtual mock-ups. Custom containers will also be created to meet the specific needs of a given product. Students will create working prototypes of their designs out of corrugated board, folding carton, or paperboard using the Kongsberg sample table. Pre-requisites: PITPT-129.

**PITPT-285 POINT OF PURCHASE DISPLAYS 3.00 Credits**

This course explores the structures commonly used in creating POP and promotional displays. Students will create original display designs using packaging CAD software and create the artwork to be printed on those displays using Adobe Illustrator. Students will produce these displays using a flatbed or wide format printer in combination with a Kongsberg sample table for cutting and creasing the structure prior to final assembly. Pre-requisites: PITPT 129 Exploring Adobe Illustrator, MTHPT 130 Finite Mathematics OR MTHPT 137 Math for Technology, PITPT 281/381 Packaging Structural Design, PITPT289/389 Packaging Graphics.

**PITPT-288 PACKAGING OPTIMIZATION 3.00 Credits**

Students will learn to use palletizing software to prepare a shipping plan for packages, and conversely, packages to meet the needs of a particular shipping plan. Students will learn to optimize use of pallet space and utilize package strength to ensure stacking stability and to most efficiently and safely ship packaged products. Packaging safety, shipping rules and regulations, and materials testing will also be covered. Pre-requisites: MTHPT 130 Finite Mathematics OR MTHPT 137 Math for Technology, PITPT 281/381 Packaging Structural Design.

**PITPT-289 PACKAGING GRAPHICS 3.00 Credits**

This course covers the other side of packaging design. Once the physical packaging style/structure and material are decided upon, graphics need to be created to inform about or help sell the contents inside. Students will create artwork to be printed on or applied to standard and custom containers, including corrugated and paperboard boxes and glass bottles. Students will learn to consider multiple factors in creating effective package design, such as target audiences, potential printing limitations, and retail space display. Pre-requisites: PITPT-129.

**PITPT-290 DIRECTED STUDY IN PRINTING 1.00-6.00 Credits****PITPT-291 WORKSHOP IN PRINTING TECHNOLOGY 1.00-6.00 Credits****PITPT-292 SPECIAL TOPICS IN PRINTING 1.00-6.00 Credits****PITPT-294 INTERNSHIP IN PRINTING TECHNOLOGY 1.00-12.00 Credits****PITPT-294A INTERNSHIP IN PRINTING TECHNOLOGY I 1.00-6.00 Credits**

Internship in Printing Technology.

**PITPT-294B INTERNSHIP IN PRINTING TECHNOLOGY II 1.00-6.00 Credits**

Continuation of PITPT 294A as a 200-level internship in Printing Technology.

**PITPT-294C INTERNSHIP IN PRINTING TECHNOLOGY III 1.00-6.00 Credits**

Continuation of PITPT 294B as an intermediate 200-level internship in Printing Technology.

**PITPT-294D INTERNSHIP IN PRINTING TECHNOLOGY IV 1.00-6.00 Credits**

Continuation of PITPT 294C as an intermediate to advanced 200-level internship in Printing Technology.

**PITPT-329 PRINCIPLES OF DESIGN II 3.00 Credits**

Students will continue exploring the principles of design. The knowledge and confidence gained in Principles of Design I will allow students to take on more sophisticated projects. Pre-requisite: PITPT-229.

**PITPT-381 INTRODUCTION TO ARTIOSCAD 3.00 Credits**

The packaging career field involves the use of materials, methods, design concepts and machinery to develop and produce the packages that protect and preserve a product, help market the product and instruct the consumer in its proper use. Virtually every product, whether grown or manufactured, must be packaged so that it reaches the consumer in an acceptable condition. With the quantity and variety of products produced in the world, it is easy to understand that packaging is a dynamic, multibillion dollar industry in need of well-educated men and women. This class will serve as an introduction to corrugated packaging. We will conceptualize, design, and produce various pieces using ArtiosCAD, Adobe Illustrator, and the Esko XL-24 cutting table. Pre-requisite: PITPT-129.

**PITPT-389 DIGITAL PACKAGE DESIGN 3.00 Credits**

The packaging career field involves the use of materials, methods, design concepts and machinery to develop and produce the packages that protect and preserve a product, help market the product and instruct the consumer in its proper use. Virtually every product, whether grown or manufactured, must be packaged so that it reaches the consumer in an acceptable condition. With the quantity and variety of products produced in the world, it is easy to understand that packaging is a dynamic, multibillion dollar industry in need of well-educated men and women. This packaging course will focus on using Adobe Illustrator and Esko's Studio 10 to create realistic digital packaging prototypes. Pre-requisite: PITPT-129.

**PITPT-390 DIRECTED STUDY IN PRINTING 1.00-6.00 Credits****PITPT-391 WORKSHOP IN PRINTING TECHNOLOGY 1.00-6.00 Credits****PITPT-392 SPECIAL TOPICS IN PRINTING 1.00-6.00 Credits****PITPT-394 INTERNSHIP IN PRINTING TECHNOLOGY 1.00-12.00 Credits****PITPT-394A INTERNSHIP IN PRINTING TECHNOLOGY I 1.00-6.00 Credits**

Internship in Printing Technology.

**PITPT-394B INTERNSHIP IN PRINTING TECHNOLOGY II 1.00-6.00 Credits**

Continuation of PITPT 394A as a 300-level internship in Printing Technology.

**PITPT-394C INTERNSHIP IN PRINTING TECHNOLOGY III 1.00-6.00 Credits**

Continuation of PITPT 394B as an intermediate 300-level internship in Printing Technology.

**PITPT-394D INTERNSHIP IN PRINTING TECHNOLOGY IV 1.00-6.00 Credits**

Continuation of PITPT 394C as an intermediate to advanced 300-level internship in Printing Technology.

**PITPT-454 PHOTOSHOP PHOTOGRAPHY 3.00 Credits**

Students will explore and use Adobe Photoshop to enhance digital photography. This class follows a photographer's digital workflow, starting with essential color management decisions and organizing images with Adobe Bridge. Students will then move on to processing Camera RAW files, enhancing tone and color as well as correcting imperfections. Students will learn how to prepare the images for output and client reviews. Required Materials: Camera-Use of a 5 megapixels or higher resolution digital SLR capable of shooting Camera RAW is required. Camera must be capable of fully manual exposure and focus. No point-and-shoots or cell phone cameras. Camera use is not provided by class/instructor. Software: Use of Photoshop CS4 or higher is required. Pre-requisite: PITPT-139 or permission of instructor.

**PITPT-490 DIRECTED STUDY IN PRINTING 1.00-6.00 Credits****PITPT-491 WORKSHOP IN PRINTING TECHNOLOGY 1.00-6.00 Credits****PITPT-492 SPECIAL TOPICS IN PRINTING 1.00-6.00 Credits****PITPT-494 INTERNSHIP IN PRINTING TECHNOLOGY 1.00-12.00 Credits****PITPT-494A INTERNSHIP IN PRINTING TECHNOLOGY I 1.00-6.00 Credits**

Internship in Printing Technology.



**PITPT-494B INTERNSHIP IN PRINTING TECHNOLOGY II 1.00-6.00 Credits**

Continuation of PITPT 494A as a 400-level internship in Printing Technology.

**PITPT-494C INTERNSHIP IN PRINTING TECHNOLOGY III 1.00-6.00 Credits**

Continuation of PITPT 494B as an intermediate 400-level internship in Printing Technology.

**PITPT-494D INTERNSHIP IN PRINTING TECHNOLOGY IV 1.00-6.00 Credits**

Continuation of PITPT 494C as an intermediate to advanced 400-level internship in Printing Technology.

## Psychology (PSYC)

### Courses

**PSYC-101 INTRODUCTION TO GENERAL PSYCHOLOGY 3.00 Credits**

This general survey of psychology typically explores research methodology, bio-psychology, human development, memory, consciousness, motivation, emotions, personality, mental disorders, therapy, health psychology, social psychology, etc.

**PSYC-190 DIRECTED STUDY IN PSYCHOLOGY 1.00-9.00 Credits****PSYC-199 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****PSYC-205 LIFESPAN DEVELOPMENTAL PSYCHOLOGY 3.00 Credits**

This course helps students gain an understanding of physical, intellectual, emotional, social and moral development throughout the lifespan from a multicultural perspective. Basic theories of development will be addressed to assist the student to learn about factors affecting human development. Writing involving the application of at least 2 theories is required.

**PSYC-226 BIOLOGICAL BASES OF BEHAVIOR 3.00 Credits**

Introduces students to a field of neuroscience that is variously referred to as physiological psychology, biopsychology, behavioral biology, or behavioral neuroscience. The focus is on gaining and demonstrating an understanding of relationships between central nervous system processes and human behavior. Students will be introduced to APA writing style and use it in a research paper, because future courses in the major expect it to be used. Pre-requisite: PSYC-101; and ENGL-102 or ENGL-109.

**PSYC-240 PHILOSOPHICAL & HISTORICAL ROOTS OF PSYCHOLOGICAL SCIENCE 3.00 Credits**

A historical survey of the philosophical and scientific approaches relevant to the modern field of psychological science. The intellectual development of psychology is explored through an examination of the innovative ideas, theoretical systems, and methodological advances of influential thinkers, along with the social, economic, and historical context in which those ideas, schools of thought, and methodologies formed. The philosophical questions woven through both historical and contemporary issues in psychological science (e.g. What is the nature of the mind? Does free will exist?) will be highlighted to increase understanding of the modern, seemingly disjointed, identity of the field. Pre-requisite: PSYC-101.

**PSYC-250 GROUP DYNAMICS 3.00 Credits**

Provides the theory and practice necessary to develop effective group skills. An experiential approach to learning about group behavior will be used. The student will practice skills in the following behaviors: leadership, decision making, goal setting, interpersonal communication, problem solving, dealing with conflict and controversy, and effective use of power and influence. Pre-requisite: PSYC-101.

**PSYC-290 DIRECTED STUDY IN PSYCHOLOGY 1.00-6.00 Credits****PSYC-291 WORKSHOP IN PSYCHOLOGY 1.00-6.00 Credits****PSYC-292 SPECIAL TOPICS IN PSYCHOLOGY 1.00-3.00 Credits****PSYC-295 PRACTICUM IN PSYCHOLOGY 1.00-12.00 Credits**

Emphasizes the development of the basic helping skills and/or psychological research skills through a supervised field experience. Learning plans and goals will be defined to target students desiring a specific field experience in various settings utilizing addictions professionals and programs. Pre-requisites: Permission of the instructor and PSYC 442.

**PSYC-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits**

Requires students to assist faculty in the conduct of research projects and other creative professional activities within the field of psychology. Students are expected to meet on a regular basis with the faculty member and to perform activities needed to bring the research or creative activity to a successful completion. Pre-requisite: PSYC-101.

**PSYC-300 STATISTICAL METHODS 3.00 Credits**

Survey of descriptive and inferential statistical concepts commonly used in the treatment of data in social science research. The understanding and application of the concepts will be emphasized. Topics include: measures of central tendency, measures of variability, correlation methods, hypothesis testing and simple analysis of variance. Pre-requisite: Core Math. Cross-listed with ECON-300, SS-300.

**PSYC-310 PERSONALITY THEORIES 3.00 Credits**

Survey of the major theories of personality and personality development. Psychoanalytic, phenomenological, trait, behavioral and social learning views of personality will be presented along with the relevant research that evaluates the assumptions and implications of each approach. Special issues involving multiculturalism, points of controversy, and personality processes that are the focus of extended debate and research by personality psychologists will also be studied. Pre-requisite: PSYC-101 or PSYC-205 or permission of instructor.

**PSYC-311 ABNORMAL PSYCHOLOGY 3.00 Credits**

Study of the conceptualization and treatment of psychological difficulties including: anxiety disorders, mood disorders, schizophrenia, and personality disorders. Issues related to multiculturalism and gender, and issues of controversy are also explored. Recommended pre-requisite: PSYC-101 or PSYC-205 or permission of instructor.

**PSYC-318 ASSESSMENT OF LEARNING 3.00 Credits**

An introduction to the theory of assessment. Presents the foundational concepts, principles, and procedures needed to systematically acquire, organize, and apply information about learners and learning. This course is a component in the elementary teacher education program's technology strand and is designated as technology-intensive. Pre-requisite: Elementary Education Majors must be admitted to the teacher education program.

**PSYC-320 SOCIAL PSYCHOLOGY 3.00 Credits**

An exploration of the scientific study of the way in which people's thought, feelings, and behavior are influenced by the real, implied, or imagined presence of other people. Acquaints students with the main theoretical and methodological approaches, along with the resulting empirical findings, that have shaped the field of social psychology. Social psychologists examine how people are influenced by, or influence, others by investigating topics such as social cognition, the self, social perception, social influence, aggression, attitudes, attraction, group behavior, stereotypes, discrimination, prejudice, and prosocial behavior. Encourages the application of social psychological theory, processes, and concepts to everyday social situations, firsthand experiences, and relevant media via writing assignments. PSYC-101 or PSYC-205, or permission from the instructor.

**PSYC-321 EDUCATIONAL PSYCHOLOGY 3.00 Credits**

Psychology directly applicable to teaching and learning: Basics of our thinking physiology; basics of interpreting relevant research; development theories and their relation to learning; motivation theories and means to motivate students; behaviorism as applied and misapplied to classroom management and instruction; differentiating based upon receptive/perceptive modes, intelligences, and learning styles; memory and cognition paths; and the personally and socially constructed nature of knowing.

**PSYC-343 INTRODUCTION TO ADDICTION STUDIES 3.00 Credits**

This intensive introductory course provides a comprehensive overview of the field of addiction counseling. It focuses on current therapeutic trends, strategies, and counseling approaches used in the treatment of addiction, as well as ethical considerations. Relapse and prevention strategies, along with treatment of special populations, will also be covered. Pre-requisites: PSYC-101, or the permission of the instructor. Crosslisted with ADS-343.

**PSYC-368 SEX, EVOLUTION AND HUMAN NATURE 3.00 Credits**

Human sexuality, male-female relations, cooperation, violence and parent-child relations examined cross-culturally and in nonhuman primates utilizing evolutionary and biocultural perspectives. Pre-requisites: ENGL-102 or ENGL-109, or permission from the instructor. Cross-listed with ANTH-368.

**PSYC-385 RESEARCH METHODS 3.00 Credits**

Develops students' ability to design an empirical study within the ethical constraints of human research and to understand the results of research in professional journals. Specific research designs covered include archival research, experimental designs, naturalistic observation, participant observation, quasi-experimental designs, single subject designs, and survey research. Integrates (1) analytical and evaluative thinking, (2) descriptive, explanatory, and critical writing, and (3) basic knowledge of the theory and application of qualitative and quantitative research design. Pre-requisite: ENGL-102 or ENGL-109, and a total of 24 credit hours in the General Education Core, or instructor permission. Cross-listed with SS-385.

**PSYC-387 SCIENTIFIC READING & WRITING LAB 2.00 Credits**

In this writing intensive course, students will be introduced to the fundamental process of scientific reading and writing in the field of psychology, with an emphasis placed on the 1) interpretation and comprehension of scholarly and empirical research articles, 2) critique of research design & methods, and 3) production of scientific writing. Students will learn strategies for conducting a thorough literature search, synthesizing research findings, using APA and other relevant scientific styles, and implementing best practices in scientific writing structure, expression, and format. Pre-requisite PSYC-101 and ENGL-102. Co-requisite/Pre-requisite: SS/PSYC-385.

**PSYC-390 DIRECTED STUDY IN PSYCHOLOGY 1.00-6.00 Credits****PSYC-391 WORKSHOP IN PSYCHOLOGY 1.00-6.00 Credits****PSYC-392 SPECIAL TOPICS IN PSYCHOLOGY 1.00-3.00 Credits****PSYC-394 INTERNSHIP IN PSYCHOLOGY 12.00 Credits**

Emphasizes the development of basic helping skills through a supervised non-chemical dependency internship. Pre-requisites: Criminal history background check, permission of the instructor, and PSYC-442. Graded P/F only.

**PSYC-395 PRACTICUM IN PSYCHOLOGY 1.00-12.00 Credits****PSYC-399 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits**

Requires students to assist faculty in the conduct of research projects and other creative professional activities within the field of psychology. Students are expected to meet on a regular basis with the faculty member and to perform activities needed to bring the research or creative activity to a successful completion.

**PSYC-407 PROFESSIONAL DEVELOPMENT IN PSYCHOLOGY 1.00 Credit**

This course will review career and graduate school options for psychology majors, with an emphasis on readiness for a profession in the field of psychology via the development of a resume, curriculum vitae, personal statement, cover letters, and other relevant documents. Students will be encouraged to develop a variety of professional skills including effective email communication, successful interviewing, time-management, and professional etiquette. Pre-requisite: PSYC-101, ENGL-102, and Junior-Level Standing.



**PSYC-410 SPORTS PSYCHOLOGY 3.00 Credits**

Application of the principles and methodologies of psychology to athletics. Topics include individual philosophies of sport, motivation, personality of coaches and athletes, recreational sports for children, psychological testing, training and learning principles, mind/body relationships, and the effects of anxiety, arousal, and relaxation on performance and current research in the field. Pre-requisite: PSYC-101 or PSYC-205 or permission of instructor and Sophomore Standing. Cross-listed with KIN-410.

**PSYC-414 THE PSYCHOLOGY OF NATURAL, ARTISTIC, AND MORAL BEAUTY 3.00 Credits**

The purpose of the course is to help students understand the influence of Natural Beauty, Artistic Beauty (painting, music, and literally anything designed by a human), and Moral Beauty on human flourishing. The course is designed as a service-learning course, in collaboration with the Area Agency on Aging, which will assign students to learn about moral beauty from elders in our community. Pre-requisites: Completion of PSYC-101 or PSYC-205 and ENGL-102 with C or better, or permission of instructor.

**PSYC-415 POSITIVE PSYCHOLOGY 3.00 Credits**

Positive psychology is the scientific study of what goes right in life, from birth to death and at all the stops in between. It takes seriously as a subject matter those things that make life most worth living. The three pillars of positive psychology include a) positive subjective experiences (pleasures, happiness, joy, etc.), b) positive individual traits (character strengths and virtues), and c) positive institutions. The course will concentrate on learning to apply positive psychology methods in a service learning approach. The methods are appropriate for both clinical and non-clinical populations. Prerequisites: A 'C' or better in PSYC-101 or PSYC-205 and ENGL-102.

**PSYC-419 PSYCHOLOGY OF SUSTAINABILITY 3.00 Credits**

An introduction to ecological psychology with an emphasis on the psychology of sustainability. Course focus is upon how psychological worldviews and human behavior are major causes of our environmental problems; and how changing those worldviews and behaviors can help lead to individual and collective flourishing. The course is designed as a variation on a service learning approach in which individual students will design personal self-change projects, based on the science of sustainability psychology, that cause them to become better stewards of our natural resources. The importance of the beauty of the natural world will be suffused throughout the course. Pre-requisite: PSYC 101 or PSYC 205 and ENGL 102 or ENG 109.

**PSYC-440 COUNSELING THEORIES AND TECHNIQUES 4.00 Credits**

Study and application of the theories and techniques of counseling as well as issues related to multiculturalism, gender, and diversity. Fee required. Recommended pre-requisites: PSYC 101 and PSYC 311.

**PSYC-442 ETHICAL PRINCIPLES IN COUNSELING 3.00 Credits**

Topics covered include federal and state laws, client welfare as a primary concern, professional competence-supervision/development, financial issues, personal wellness, and relationships to professionals and institutions. Development of students' ability to conceptualize ethical issues, utilize an appropriate model for resolution, and appreciate personal values and modes of ethical problem-solving are also considered. Fee required. Pre-requisite: PSYC-101 or PSYC-205 or permission of instructor. Cross-listed with ADS-442.

**PSYC-443 CASE MANAGEMENT AND CHEMICAL DEPENDENCY 3.00 Credits**

The course focuses on practical application and administration of Case Management Services in health and human service delivery systems in Idaho. Case management studies emphasize clinical focus on case management services that apply to Rural and Frontier settings in Idaho. Students work with case management models where case management and records monitoring occur, from hospital, in-patient care to out patient settings in rural communities. Students are exposed to various treatment populations such as High Risk populations including AIDS/HIV populations, elderly, Native American, as well as gender specific issues. Students will be exposed to other disciplines such as Mental Health, Voc-Rehab. as well as Developmental Disability populations. Pre-requisites: PSYC-101 or permission of instructor. Cross-listed with ADS-443.

**PSYC-444 CHEMICAL DEPENDENCY AND PHARMACOLOGY 3.00 Credits**

Introduction to basic concepts of drug absorption, distribution and effect. It is intended to provide substance abuse counselors with a broad background in the understanding of drug effects and operations. Additionally, to allow the student to have a base of knowledge of pharmacology upon which instruction and education of clients can be facilitated. Fulfills the requirement for certification for both Idaho and Washington State Certification Boards. Includes concepts of basic neuroanatomy, concepts of drug absorption and drug elimination, anatomy of drug effects, and consequences of long term drug use. A comprehensive survey of entities and agencies that govern Controlled Substances and ODT issues. A global perspective on the physiology and pharmacology of different classes of drugs both those illegal and legal, abused and those used for treatment in institutions. Pre-requisites: PSYC-101 and PSYC-205, or permission of instructor. Cross-listed with ADS-444.

**PSYC-445 COUNSELING THE TEENAGER 3.00 Credits**

Reviews personality theories, counseling strategies, communication skills, values clarification and perception in relationship to adolescent developmental tasks and coping skills. Examines social problem areas often associated with teenage populations and the implications that those situations present for the counselor. Pre-requisite: PSYC-101 or PSYC-205 or permission of instructor.

**PSYC-446 CHEMICAL DEPENDENCY AND FAMILY SYSTEM 3.00 Credits**

Includes behavioral patterns in dysfunctional family systems, intervention techniques and best practice model programs in dealing with family issues surrounding addiction problems. This course will expose the student to a plethora of various approaches to family systems and cultures that are diverse in nature. Students will create and experience sculpting, remodeling and replicating family roles and dysfunctional systems within a learning lab model. Students will study and become intimately acquainted with the roles of family dysfunction and dependency issues. Additionally, the student will review historical perspectives that help shape and steer the current modes of treatment for this underserved population within the addictions field. Pre-requisites: PSYC-101 and PSYC-205, or permission of instructor. Cross-listed with ADS-446.

**PSYC-448 CHEMICAL DEPENDENCY AND THE GROUP APPROACH 3.00 Credits**

Identifies specific needs and treatment issues of the chemically dependent client. It is designed to provide both a cognitive and an experiential base from which the student can develop competency in treating this special population. Fulfills the requirements for certification as a chemical dependency counselor. Competency based education models for learning and integration of skills and techniques will be utilized. Pre-requisite: PSYC-101 or PSYC-205 or permission of instructor. Cross-listed with ADS-448.

**PSYC-449 ASSESSMENT/SCREENING AND CHEMICAL DEPENDENCY COUNSELING 3.00 Credits**

Reviews techniques for intake screening and assessment of chemical dependency clients. Appropriate for use in multiple settings. Field experience is included. Pre-requisites: PSYC-101 or PSYC-205 or permission of instructor. Cross-listed with ADS-449.

**PSYC-450 COGNITIVE PSYCHOLOGY 3.00 Credits**

Human thinking and problem-solving will be covered in depth. In particular, students will learn about memory, abstraction and concreteness in thought, symbolic concepts and mental structures, mental operations, search strategies and problem solving. Pre-requisite: PSYC-101 or PSYC-205 or permission of instructor.

**PSYC-455 PSYCHOLOGY OF MOTIVATION 3.00 Credits**

A study of various theoretical perspectives which psychologists have used to explain and predict the relationships between state/trait motivation and human behavior. Special emphasis is given to the development of strategies to positively affect motivation and models for self-motivation in applied settings. Pre-requisite: PSYC-101 or PSYC-205 or permission of instructor.

**PSYC-456 DRUGS IN SOCIETY 2.00 Credits**

An overview of current drugs of choice and their impact on all age groups. Covers drug education relevant to today's society. Explores the history, use, physiology, behavior, dependency, treatment and prevention aspects of drugs. Students and guest speakers will share their knowledge on specific issues through presentations and discussions. Utilizes many instructional methods in the pursuit of a general understanding of the effects of drugs upon society. Pre-requisite: PSYC-101 or PSYC-205 or permission of instructor.

**PSYC-457 DRUGS AND THE ATHLETE 1.00 Credit**

Covers the social-psychological aspects of the use of alcohol and other drugs by athletes. Explores the trends of commonly abused drugs, the physiological effects of use, media influences and social norms towards use, and proactive programming for the educator/coach. Many instructional approaches will be utilized in the pursuit of an understanding of the phenomenon of athletes as drug-abusers.

**PSYC-460 INTIMATE RELATIONSHIPS 3.00 Credits**

An examination of historical and contemporary theories, findings, and perspectives of the social psychology of relationship science. Using an evolutionary framework for interpreting intimate relationships, the course will use traditional lecture format in addition to seminar-styled sessions (via empirical articles) to explore topics such as research methods, attraction, the self, social cognition, communication, interdependency, friendships, love, sexuality, conflict, communication, singlism, polyamory, stress, power, aggression, sex, LGBT relationships, rejection, loneliness, relationship stressors, and pro-relationship processes. Social psychological theory, processes, and concepts in regard to intimate relationships will be considered and synthesized via round-table discussion, and will be applied via the analysis of popular media (e.g. film). Pre-requisite: PSYC-101 or PSYC-205 or permission from the instructor.

**PSYC-464 POLITICAL PSYCHOLOGY 3.00 Credits**

In this course students will examine patterns of political behavior, including group behavior, information processing, the formation of political attitudes, emotions, personality, partisanship, voting, race, and tolerance. Pre-requisite: POLS-101 or PSYC-101, or permission of instructor. Crosslisted with POLS-464.

**PSYC-470 CRISIS INTERVENTION 3.00 Credits**

Introduction and comprehensive overview of crisis intervention. Basic principles and theory of crisis intervention will be presented. Gives a foundation toward developing the skills to effectively deal with others in a crisis situation. Included are special populations/topics such as war veterans, rape, adult survivors, national disasters and other topics. Pre-requisites: PSYC-101 or PSYC-205, or permission of instructor. Cross-listed with ADS-470.

**PSYC-476 BLOOD BORNE PATHOGENS 2.00 Credits**

This course is designed to inform students about blood borne pathogens and infectious diseases within the addictions framework. The goal is for all students to understand the methods of transmission, prevention, and the substance abusing population's needs in regards to blood borne pathogens. Prerequisite: PSYC-101 or PSYC-205 or permission of instructor. Crosslisted with ADS-476.

**PSYC-485 ADVANCED RESEARCH SEMINAR 3.00 Credits**

Provides experience in carrying out research projects in the social sciences, nursing and other disciplines. The emphasis will be on the active participation in seminar discussions to develop an understanding of the design and completion of all phases of selected research projects. Each student will design a study, obtain ethical approval, collect and analyze data and write a research report summarizing the results of their study. In addition, each student will assist other seminar members in selected aspects of their studies. Pre-requisite: PSYC-385 or permission of instructor.

**PSYC-490 DIRECTED STUDY IN PSYCHOLOGY 1.00-6.00 Credits****PSYC-491 WORKSHOP IN PSYCHOLOGY 1.00-6.00 Credits****PSYC-492 SPECIAL TOPICS IN PSYCHOLOGY 1.00-3.00 Credits****PSYC-494 INTERNSHIP IN PSYCHOLOGY 1.00-6.00 Credits**

Emphasizes the development of basic helping skills through a supervised non-chemical dependency internship. Pre-requisites: Criminal history background check, permission of the instructor, and PSYC-442. Graded P/F only.

**PSYC-495 PRACTICUM IN PSYCHOLOGY 1.00-12.00 Credits**

Emphasizes the development of the basic helping skills and/or psychological research skills through a supervised field experience in a substance abuse treatment setting. Learning plans and goals will be defined to target students desiring a specific field experience in various settings utilizing addictions professionals and programs. Pre-requisites: PSYC-442 and permission of the instructor. Cross-listed with ADS-495.

**PSYC-499 RESEARCH PROJECT AND SEMINAR IN PSYCHOLOGY 3.00 Credits**

Provides a capstone experience that includes the conduct of psychological research designed by each student. A quantitative or qualitative research paper or project is required. Pre-requisites: PSYC-300, PSYC-385, and PSYC-387.

## Radiographic Science (RS)

### Courses

**RS-201 MEDICAL TERMINOLOGY FOR RADIOGRAPHERS 2.00 Credits**

This online course serves as an introduction to Medical Terminology. The emphasis will be on the word-building process, medical abbreviations and symbols, as well as terminology used for specific radiologic procedures and diagnostic reports. Pre-requisites: Admission to the Associate of Science in Radiography program and/or permission of the instructor.

**RS-220 PATIENT CARE IN RADIOGRAPHY 2.00 Credits**

Addresses principles and practices of patient care in the radiographic setting. Standards of patient care for the radiographer as a member of the health care interdisciplinary team in the hospital and clinic setting will be presented, with a focus on medical ethics and legal issues pertaining to the radiography setting. Students will demonstrate contrast media administration, patient preparation for radiographic examinations and safety awareness. Pre-requisite: Admission to the Associate of Science in Radiography program and/or permission of the instructor.

**RS-221 RADIOGRAPHIC METHODS I 3.00 Credits**

Core positioning practices in radiography. Simulated X-ray exams will be performed on upper and lower extremities, chest and abdomen. Phantom anatomical models may be imaged and film critique will be performed on each positioning protocol. There may be a few visits to local clinical sites to aid in understanding equipment descriptions, manipulations of locks and control panels, ext (time permitting). Pre-requisite: Admission to the Associate of Science in Radiography program and/or permission of the instructor.

**RS-222 RADIOGRAPHIC METHODS II 3.00 Credits**

This is a lecture/laboratory course of principles and practices of cranial radiography - including skull, facial bones, paranasal sinuses and mandible. Anatomy and positioning of the spinal cord will also be introduced. Techniques of patient care, positioning, technique, film critique, anatomy and pathology will be presented. Observations and practice will occur in the laboratory classroom.

**RS-240 QUALITY ASSURANCE AND TECHNICAL IMAGING 3.00 Credits**

A technical overview of radiography to include the x-ray tube, tube rating charts, tube failure, x-ray physics, x-ray production, x-ray machine components, x-ray machine circuits, beam restriction devices, grids, geometric factors, fluoroscopy, x-ray technique, digital/computer imaging, and quality control criteria. Pre-requisite: Admission to the Associate of Science in Radiography program and/or permission of the instructor.

**RS-242 CR/DR APPLICATIONS 1.00 Credit**

Review the history of digital image acquisition as well as an introduction of Radiology Information Systems and their role in hospital information systems (HIS) and exploration of the importance of digital image communication in medicine (DICOM) in a radiology department. Pre-requisite: Admission to the Radiographic Science program.

**RS-255 RADIOGRAPHIC PATHOLOGY 3.00 Credits**

Basic principles of pathology and radiographic appearance of specific diseases. Selecting proper modalities related to disease processes, technical factors, and determination for retaking radiographs that might be acceptable under different circumstances. Co-requisites: RS 260 and RS 265.

**RS-258 SPECIAL PROCEDURES I 2.00 Credits**

This lab-based course focuses on the principles and practices of special procedures most commonly performed in our regional hospitals. Mobile radiography and trauma Imaging will be discussed. Special emphasis will be placed on fundamentals of assisting the Radiologist during fluoroscopic examinations. Pre-requisite: Admission to Radiographic Science program.

**RS-261 APPLIED RADIOGRAPHY I 8.00 Credits**

Core positioning practices in radiography demonstrated in the clinical environment. Student begins to obtain competencies for Chest, Abdomen, Upper extremity and Lower extremity radiographic examinations.

**RS-288 SIMULATION, SAFETY AND REVIEW I 1.00 Credit**

Integrates basic skill performance through simulation and review of routine examination processes. Simulation activities include utilization of mobile x-ray units, positioning and examination in real life scenarios. Student skills in critical thinking are developed through application, observation and evaluation. Must be admitted into the Associate of Science Radiographic Science Program.

**RS-289 SIMULATION, SAFETY AND REVIEW II 1.00 Credit**

Continuation of RS-289. Integrates basic skill performance through simulation and review of routine examination processes. Simulation activities include utilization of mobile x-ray units, positioning and examination in real life scenarios. Student skills in critical thinking are developed through application, observation and evaluation. Must be admitted into the Associate of Science Radiographic Science Program.

**RS-330 RADIOBIOLOGY 3.00 Credits**

Review of cell structure and function, ionizing radiation induced cell damage, history of radiation disease research, and subsequent development of radiation protection guidelines.

**RS-355 REGISTRY REVIEW 2.00 Credits**

This course provides an overview of radiographic terminology, anatomy, positioning, ethics, legal principles, technique, physics, radiobiology special procedures, quality assurance, patient care, and professionalism related to the performance of entry-level radiography in preparation for taking the American Registry of Radiologic Technology (ARRT) Radiography (R) exam.

**RS-358 SPECIAL PROCEDURES II 1.00 Credit**

This hybrid course focuses on the principles and practices of special procedures and advanced imaging modalities. Topics include: the history and development of computed tomography (CT), and introduction to diagnostic ultrasound (US), bone densitometry, mammography, MRI, radiation therapy, and nuclear medicine. Pre-requisite: RS-258.

**RS-359 INTRODUCTION TO COMPUTED TOMOGRAPHY 1.00 Credit**

Introduction of Computed Tomography (CT) instrumentation to include system operation and components, acquisition methods, parameter selection, image processing and display, image quality, artifact recognition, and quality. Must be admitted into the Associate of Science Radiographic Science Program or permission from the instructor.

**RS-362 APPLIED RADIOGRAPHY II 10.00 Credits**

Core positioning in radiography demonstrated in the clinical environment. Continuation of RS 261 to include all needed competency exams required by ARRT.

**RS-363 APPLIED RADIOGRAPHY III 10.00 Credits**

Core positioning practices in radiography demonstrated in the clinical environment. Continuation of 362 to include all needed competency exams by the ARRT.

**RS-390 DIRECTED STUDY: RADIOGRAPHIC SCIENCE 1.00-3.00 Credits****RS-392 SPECIAL TOPIC: RADIOGRAPHIC SCIENCE 1.00-12.00 Credits****RS-405 SECTIONAL IMAGING 3.00 Credits**

This online course provides an overview of axial, coronal and sagittal imaging of the human body as demonstrated via diagnostic imaging procedures. Must be admitted into the LCSC Bachelor of Science in Radiographic Science Computed Tomography Program, current ARRT certification, or permission of the instructor.

**RS-410 CT PATHOLOGY 3.00 Credits**

This online course will explore the basic principles of pathology and computed tomography (CT) of specific disease processes. Selection of proper imaging protocols related to pathology will also be examined. Pre-requisite: Admission into the LCSC Bachelor of Science in Radiographic Science Computed Tomography Program, current ARRT certification, or permission of the instructor.

**RS-420 CT PHYSICS/INSTRUMENTATION 3.00 Credits**

This online course examines Computed Tomography (CT) physics and instrumentation to include system operation and components, image processing and display, image quality, artifact recognition, and quality. Pre-requisite: Admission into the LCSC Bachelor of Science in Radiographic Science Computed Tomography Program, current ARRT certification, or permission of the instructor.

**RS-460 PHARMACOLOGY FOR IMAGING PROFESSIONALS 2.00 Credits**

RS 460 is a 2 credit course that explores the principles of the pharmaceuticals needed to perform today's medical imaging processes along with the indications and contraindications of each; the role the imaging professional plays; the optional routes to administer the products; the Pharmacokinetics coverage that describes how drugs are absorbed, metabolized, distributed, and eliminated; and lastly the emergency procedures in response to adverse reactions to contrast media. Pre-requisite: Admittance into the Associate of Science Radiographic Science program and Junior standing or permission from the instructor.

**RS-480 CT INTERNSHIP 13.00 Credits**

Build on knowledge and skills obtained from professional experience and class work and apply these concepts to the performance of clinical procedures in the imaging environment. Each internship will adhere to ARRT (CT) clinical requirements and the needs of each student. Objectives will be determined through collaboration of the LCSC radiography faculty, the student, the site preceptor and in accordance with ARRT (CT) clinical requirements. Pre-requisite: Admission into the LCSC Bachelor of Science in Radiographic Science Computed Tomography Program, current ARRT certification, or permission of the instructor. Program approved clinical site rotation secured prior to beginning of semester.

**RS-499 SENIOR CAPSTONE: IMAGING ETHICS 3.00 Credits**

RS 499 is a 3 credit course that explores professional ethics that must to maintained and adhered to in a diagnostic imaging department. Familiarity of professional and personal codes of ethics and understanding will be discovered through online discussion, case studies, and group work. This course prepares individuals to motivate health care professionals to function and operate their specific tasks at their best abilities and improve efficiency in health care facilities. Pre-requisite: Admittance into the Associate of Science Radiographic Science program and Junior standing or permission from the instructor.

# Reading (RE)

## Courses

### **RE-217 CHILDREN'S LITERATURE AND STORYTELLING 3.00 Credits**

Acquaints students with the wide range of literature for children and with criteria for judging quality in making book selections for classroom use. Students will demonstrate abilities in using a variety of effective methods for sharing and responding to literature and for integrating literature throughout the curriculum. Includes a technology component and an emphasis on integrating the use of multiethnic literature throughout the curriculum.

### **RE-290 DIRECTED STUDY IN READING 1.00-12.00 Credits**

### **RE-291 WORKSHOP IN READING 1.00-12.00 Credits**

### **RE-292 SPECIAL TOPICS IN READING 1.00-3.00 Credits**

### **RE-295 PRACTICUM IN READING 1.00-12.00 Credits**

### **RE-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits**

Graded P/F only.

### **RE-301 PSYCHOLINGUISTICS, LITERACY, AND LANGUAGE ACQUISITION 3.00 Credits**

The purpose of this course is to develop students' understanding of language structure and language acquisition, to raise students' awareness of children's and young adults knowledge of language and their ability to use language, and to spark students' recognition of ways in which learning to talk and developing literate behaviors are similar. In this course we will explore the socio-psycholinguistic dimensions of language, literacy and culture. Models of theories of language acquisition will be examined including both oral and written language. Additionally, different types of discourse will be analyzed as to how they might impact literacy and language development for both first and second language learners. The course will also stress the importance of language learning as a social activity, and the possibilities of language acquisition as a means for transformative learning.

### **RE-303 EMERGENT LITERACY 3.00 Credits**

Examines methods of literacy instruction appropriate for use with young children at various developmental stages. Methods examined reflect current theory and research and emphasize the importance of graphophonic, syntactic, and semantic cueing systems in the reading process. Students will have direct involvement with children in elementary classrooms as they observe and practice a variety of instructional methods.

### **RE-307 LITERACY LEADERSHIP 3.00 Credits**

Develops students' theoretical and practical understandings of the following: designing and implementing literacy initiatives in elementary environments; supporting elementary teacher's literacy instruction; assessment and diagnosis of struggling readers and writers; leading literacy-oriented professional development for elementary teachers. This course includes a 20 hour field experience. Admission to the Elementary Teacher Education Program or permission of instructor. Pre-requisite: RE-340/SE-340 and RE-342/SE-342.

### **RE-309 DISCIPLINARY LITERACY 3.00 Credits**

This course provides the background, issues, and strategies for future teachers to help intermediate, middle, and secondary students increase their literacy comprehension across disciplines. The course is designed to support content instruction using research-based literacy strategies for all learners. Topic areas include increasing comprehension of content in informational and narrative text, writing to persuade and inform, and using digital resources appropriately to engage in critical thinking, creativity, and collaborative problem solving.

### **RE-340 FOUNDATIONAL LITERACY 4.00 Credits**

Letter knowledge, phonological awareness, and an understanding of speech-sound correspondences are essential for all children to learn how to become readers and writers. However, it is also critical for children to learn how to use these tools to better their thinking and reasoning. In this course students will develop and demonstrate knowledge of written and oral language used in literacy development through classroom lecture, research assignments, activities, and field experiences. This course includes a 24-hour field experience in a K-2 grade classroom and it aligns with the Idaho Comprehensive Literacy Coursework (ICLC). Pre-requisite: Admission to the Elementary Teacher Education Program or permission of instructor. Crosslisted with SE-340.

### **RE-342 INTERMEDIATE LITERACY 4.00 Credits**

Develops and applies students' theoretical understandings of the processes of literacy learning from grades 3-8. Includes focus on instruction and assessment of: reading comprehension, vocabulary, fluency, and writing. Includes implications for meaningful instruction for academically and culturally diverse learners. This course includes a 25-hour field experience in a 3-8 grade classroom and it aligns with the Idaho Comprehensive Literacy Coursework (ICLC). Pre-requisite: Admission to the Elementary Teacher Education Program. Crosslisted with SE-342.

### **RE-390 DIRECTED STUDY IN READING 1.00-12.00 Credits**

### **RE-392 SPECIAL TOPICS IN READING 1.00-12.00 Credits**

### **RE-399 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits**

Graded P/F only.



**RE-490 DIRECTED STUDY IN READING 1.00-12.00 Credits**

**RE-491 WORKSHOP IN READING 1.00-12.00 Credits**

**RE-492 SPECIAL TOPICS IN READING 1.00-12.00 Credits**

**RE-495 PRACTICUM IN READING 1.00-12.00 Credits**

**RE-499 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits**

Graded P/F only.

## Recreation (RC)

### Courses

**RC-227 RECREATIONAL ARTS AND CRAFTS 3.00 Credits**

Designed to meet the needs of the prospective recreational leader and all individuals who work with young people in developing a wide range of art and craft skills. Emphasis is on performance.

**RC-239 RECREATIONAL LEADERSHIP 3.00 Credits**

The development of leadership qualities and techniques in a wide variety of recreational activities within a framework of a recreation or physical education program.

**RC-285 CAMP COUNSELING 3.00 Credits**

Understanding campers, camp programs and staff responsibilities. Examination of philosophies of private, organizational and school camps. Prepares students for employment in summer camping positions. Appropriate for all individuals involved in working with groups of all age levels. Camping trips will be required.

**RC-290 DIRECTED STUDY IN RECREATION 1.00-6.00 Credits**

**RC-291 WORKSHOP IN RECREATION 1.00-6.00 Credits**

**RC-292 SPECIAL TOPICS IN RECREATION 1.00-3.00 Credits**

**RC-295 PRACTICUM IN RECREATION 1.00-12.00 Credits**

**RC-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits**

Graded P/F only.

**RC-387 LEISURE PROGRAMS 1.00-3.00 Credits**

The development, promotion, organization and administration of leisure activities. Practical experience in a leisure program in Recreation 1-3 credits. Supervised experience in public and/or private recreational programs, 295/495. Pre-requisite: Permission of the instructor.

**RC-472 OUTDOOR EDUCATION 3.00 Credits**

Study and practice of outdoor leadership skills, expedition planning, environmental ethics. Students will learn a variety of outdoor skills including backpacking, cross-country skiing, fly and bait casting, orienteering rock climbing and biking. Field trips will be required. Cross-listed with KIN-472.

**RC-490 DIRECTED STUDY IN RECREATION 1.00-12.00 Credits**

**RC-491 WORKSHOP IN RECREATION 1.00-12.00 Credits**

**RC-492 SPECIAL TOPICS IN RECREATION 1.00-3.00 Credits**

**RC-494 INTERNSHIP IN RECREATION 1.00-12.00 Credits**

Application of advanced coursework, skills and knowledge to a supervised, practical experience in Kinesiology, Sports Administration, Coaching, Physical Education, Sports Medicine, Physical/Occupational Therapy, Fitness and Wellness. Pre-requisite: Instructor's permission.

**RC-495 PRACTICUM IN RECREATION 1.00-12.00 Credits**

## Social Science (SS)

### Courses

**SS-150 INTRODUCTION TO THE SOCIAL SCIENCES 3.00 Credits**

The social sciences affect our everyday life through school, government, and business. This course introduces the student to this complex and influential field of knowledge and its uses. Students will investigate social problems of global concern, such as crime, population growth, human rights, and other concerns. Pre-requisite: ENGL-101 or ENGL-109.

**SS-184 DIVERSITY IN ORGANIZATIONS 3.00 Credits**

This course is designed to increase awareness and appreciation for the diversity that exists in contemporary American organizations. Students will explore historical and contemporary experiences from perspectives of both women and men of diverse races, ethnicities, social class, religions, sexual orientation, ages and abilities focusing on how those perspectives effect human relations in the workplace. Students will be encouraged to develop a critical consciousness and explore ways to eliminate negative stereotyping and discrimination that often leads to unequal treatment in organizations. Cross-listed with HRPT-184.

**SS-185 HUMAN RELATIONS IN ORGANIZATIONS 3.00 Credits**

Introduces students to the complexities of human interaction within contemporary organizations, offering strategies for coping and succeeding by utilizing perspective-taking while examining reality-based situations existing in today's workplace. Four major units within this course deal with: team-building, leading, conflict management (including how to deal with hostile work environment issues such as sexual harassment), and change management (both organizationally and individually) and how these issues impact organizational culture and individual behavior. Cross-listed with HRPT-185.

**SS-190 DIRECTED STUDY IN SOCIAL SCIENCE 1.00-12.00 Credits****SS-192 SPECIAL TOPICS IN SOCIAL SCIENCE 1.00-12.00 Credits****SS-193 SERVICE LEARNING 1.00-12.00 Credits****SS-200 INTRODUCTION TO WOMENS STUDIES 3.00 Credits**

Introduction to Women's Studies concentrates on understanding how women have both been shaped by and have shaped the world around them. By studying women's place and status in society, this course provides a critical lens through which to view the role of sex and gender in larger social forces through a variety of contexts. Pre-requisite: Any 100-level ANTH, HIST, POLS, SS or SOC course.

**SS-284 COMPUTER APPLICATIONS IN SOC SCIENCES 3.00 Credits**

This course is an introduction to computer technology and its application to the Social Sciences. The course will be oriented towards research applications. Pre-requisite: ENGL-102 or ENGL-109.

**SS-290 DIRECTED STUDY IN SOCIAL SCIENCE 1.00-3.00 Credits****SS-291 WORKSHOP IN SOCIAL SCIENCE 1.00-3.00 Credits****SS-292 SPECIAL TOPICS IN SOCIAL SCIENCES 1.00-3.00 Credits****SS-295 PRACTICUM IN SOCIAL SCIENCE 1.00-12.00 Credits****SS-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****SS-300 STATISTICAL METHODS 3.00 Credits**

Survey of descriptive and inferential statistical concepts commonly used in the treatment of data in social science research. The understanding and application of the concepts will be emphasized. Topics include: measures of central tendency, measures of variability, correlation methods, hypothesis testing and simple analysis of variance. Pre-requisite: Core Math. Cross-listed with ECON-300, PSYC-300.

**SS-350 ETHICS: 3.00 Credits**

The primary purpose of the integrative 350 core course is to develop interdisciplinary abilities in ethical clarification with reference to at least two major contemporary issues. The courses focus principally on ethical concerns. Topics include the following subjects: ANIMALS AND SOCIETY This course is an interdisciplinary introduction to the ethical dimensions of relationships between humans and non-human animals. Drawing on the works of philosophers, social scientists, and legal scholars, students will learn about the roles, moral standing, and treatment of animals in past and present societies. TERRORISM IN THE CONTEMPORARY ERA An interdisciplinary survey into the phenomena of political violence and terrorism is the core of this course. Historical, ethnic, religious, and ideological roots of terrorism are examined to put this behavior in sound, ethical perspectives with respect to the values of society and the goals of its perpetrators. WOMEN IN THE TWENTIETH CENTURY The ethical issues confronted by American women are examined by study of literary and historical texts as well as through their own writing. Pre-requisite: Completion of the skills component of the General Education Core or permission of the instructor. Cross-listed with HUM-350.

**SS-384 COMPUTERS AND SOCIAL SCIENCE 3.00 Credits**

This course will examine advanced topics in the practical and ethical implications of computers in our society, as well as advanced usage of computers in the disciplines of social sciences.

**SS-385 RESEARCH METHODS 3.00 Credits**

Develops students' ability to design an empirical study within the ethical constraints of human research and to understand the results of research in professional journals. Specific research designs covered include archival research, experimental designs, naturalistic observation, participant observation, quasi-experimental designs, single subject designs, and survey research. Integrates (1) analytical and evaluative thinking, (2) descriptive, explanatory, and critical writing, and (3) basic knowledge of the theory and application of qualitative and quantitative research design. Pre-requisite: ENGL-102 or ENGL-109, and a total of 24 credit hours in the General Education Core, or instructor permission. Cross-listed with PSYC-385.

**SS-390 DIRECTED STUDY IN SOCIAL SCIENCE 1.00-3.00 Credits**

**SS-392 SPECIAL TOPICS IN SOCIAL SCIENCE 1.00-3.00 Credits**

**SS-393 SERVICE LEARNING 1.00-12.00 Credits**

**SS-394 INTERNSHIP IN SOCIAL SCIENCE 1.00-12.00 Credits**

**SS-399 RESEARCH ASSISTANTSHIP 1.00-3.00 Credits**

**SS-490 DIRECTED STUDY IN SOCIAL SCIENCE 1.00-3.00 Credits**

**SS-491 WORKSHOP IN SOCIAL SCIENCE 1.00-3.00 Credits**

**SS-492 SPECIAL TOPICS IN SOCIAL SCIENCES 1.00-3.00 Credits**

**SS-494 INTERNSHIP IN SOCIAL SCIENCE 1.00-12.00 Credits**

**SS-495 PRACTICUM IN SOCIAL SCIENCE 1.00-12.00 Credits**

**SS-498 CONTEMPORARY NATIVE AMERICAN CULTURES 3.00 Credits**

Study and examination of Native Americans and situations facing their people in contemporary America.

**SS-499 SEMINAR IN SOCIAL SCIENCE AND HISTORY 3.00 Credits**

In this interdisciplinary capstone seminar, students will use skills and knowledge developed during their undergraduate tenure to explore a central topic through a variety of social science disciplinary lenses. Pre-requisites: : POLS-200/PHIL-200, and HIST-200 or SS-385. Junior class standing or higher required.

## Social Work (SW)

### Courses

**SW-140 INTRODUCTION TO SOCIAL WORK AND SOCIAL WELFARE 3.00 Credits**

The focus of this course is to help social work and non-social work majors gain an understanding of the professional foundation of social work. Students will be introduced to the knowledge, skills, and ethics involved in the generalist social work practice. Attention is given to the many settings and roles in which social workers work with diverse client groups whom social workers service. Volunteer service learning project is required. This course is required for all social work majors.

**SW-193 SERVICE LEARNING 1.00-12.00 Credits**

**SW-226 BIOLOGICAL BASES OF BEHAVIOR 3.00 Credits**

Introduces students to a field of neuroscience that is variously referred to as physiological psychology, biopsychology, behavioral biology, or behavioral neuroscience. The main focus is on gaining and/or demonstrating an understanding of relationships between central nervous system processes and human behavior. Pre-requisite: PSYC-101; and ENGL-102 or ENGL-109. Cross-listed with PSYC-226.

**SW-241 SOCIAL WORK PRACTICE FOUNDATIONS 3.00 Credits**

Provides an introduction to, and overview of, practice skills, methods, problem-solving, and critical thinking processes necessary to generalist social work practice with diverse populations. The course consists of lecture, laboratory components to facilitate integration of values, ethics, knowledge and skills based in work with individuals, families, groups, organizations, and communities. Pre-requisite: SW-140 or permission of instructor.

**SW-290 DIRECTED STUDY IN SOCIAL WORK 1.00-12.00 Credits**

**SW-291 WORKSHOP IN SOCIAL WORK 1.00-3.00 Credits**

**SW-292 SPECIAL TOPICS IN SOCIAL WORK 1.00-12.00 Credits**

**SW-293 SERVICE LEARNING 1.00-12.00 Credits**

**SW-295 PRACTICUM IN SOCIAL WORK 1.00-12.00 Credits**

**SW-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits**

**SW-315 WORKING WITH GRIEF AND LOSS 3.00 Credits**

By equipping the professional social worker with the ability to recognize and address the client's grief and loss issues, the social work change process can continue to enable the client to focus on increased social functioning which is not hampered by unresolved issues. While death and dying are a significant factor in grief and loss, this course is predominately focused on other causes of loss and grief. The rationale of the course, therefore, is based upon the recognition of the many causes of sanctioned, unsanctioned, and unrecognized grief over losses which occur in ordinary living.

**SW-321 HUMAN BEHAVIOR IN SOCIAL ENVIRONMENT I 3.00 Credits**

This course builds upon the biological, behavioral and social sciences of the Liberal Arts core. It adds a social systems perspective to explore the determinants of human behavior in infancy, childhood, adolescence and young adulthood. Class, ethnicity, race, and gender are emphasized, while family, group, organization, community and society provide the person/environment transactional context. This course introduces the major psychological, sociological and social work theories which underpin social work practice. Pre-requisite: PSYC-101 and ENGL-102 or ENGL-109; or permission from the instructor.



**SW-322 HUMAN BEHAVIOR IN SOCIAL ENVIRONMENT II 3.00 Credits**

This course is the second of two human behavior courses, which deal with research, theories, and concepts on individual and family development from an ecological perspective. This course builds upon the knowledge base from the Liberal Arts core in biology, psychology, political science, economics, sociology, and anthropology. Pre-requisite: SW-321 and PSYC-101.

**SW-325 THE LAW OF CHILD AND FAMILY 3.00 Credits**

This course examines legal principles and procedures of special relevance to the practice of social work and work within human service agencies. The course will review the basic structure and operation of the American legal system; basic principles of legal research; basic principles of constitutional law; legislative process; courtroom testimony; and legal principles related to juvenile justice, adult and child protection, adoption, education, domestic relations, mental health, aging, education, medic-legal issues, and disabilities.

**SW-330 MENTAL HEALTH AND MENTAL ILLNESS IN THE 21ST CENTURY 3.00 Credits**

Mental Health and Mental Illness in the 21st Century is designed to enable students to construct their own meaning and understanding of the terms "mental illness" through a series of learning activities. These activities include assigned readings, the media, discussions, and interaction with mental health consumers, family members, service providers, and service learning. Students will be introduced to three approaches to treatment: the medical model, the psychosocial rehabilitation model, and the recovery model. Students will become familiar with treatment modalities including therapeutic communities, clubhouses, and programs based on the strengths perspective. Pre-requisite: PSYC 101 or permission of instructor.

**SW-340 SOCIAL WORK POLICY 3.00 Credits**

This course is designed to give you a broad overview of the origins and evolution of the Welfare State in the United States of America. This course explores the development, formulation, implementation and effects of social policy on institutions and society. Social policy formation, decision-making, analysis, and their intentional and unintentional effects on society are examined through the utilization of both historic and scientific public policy critical thinking analysis. Issues of identifying, evaluating, and reporting those effects are presented and discussed. A preview of present and future trends will be introduced and critically analyzed.

**SW-341 SOCIAL WORK PRACTICE WITH INDIVIDUALS 3.00 Credits**

Students focus on generalist practice with individuals in a variety of organizational and cultural contexts. The course builds upon the beginning generalist social work skills learned in SW 241. Emphases are on development of the problem-solving approach, evaluation of practice effectiveness and assessment and intervention techniques within the context of generalist practice. Values, techniques, theory, ethics, research and diversity are stressed. Course enrollment is limited to Social Work majors. Pre-requisite: SW 241.

**SW-342 SOCIAL WORK PRACTICE WITH GROUPS 3.00 Credits**

Building upon previous practice classes, this course explores the theories and dynamics of group behavior, and the techniques of working with and within diverse groups in a variety of community and organizational contexts. Students learn to assess interaction patterns, individual change through group processes, ethical options and their own group skills as an emphasis within generalist practice. Course enrollment is limited to Social Work majors. Pre-requisite: SW-241.

**SW-343 SOCIAL WORK PRACTICE WITH FAMILIES 3.00 Credits**

This course focuses on the family as the client system. For generalist practice social workers who will have the need to serve families as a unit, this course will help students to gain a firm understanding of the family as a system. In addition, students will understand the roles, functions, communication patterns, and relational patterns that can be center of family problems as well as resources for better functioning. This course will also emphasize the strengths perspective in helping families make changes that will allow them to cope with issues impeding their functioning. Ethical issues that arise in work with families will also be addressed. Finally, all issues will be referenced through a cultural lens. Course enrollment is limited to Social Work majors. Pre-requisite: SW 241.

**SW-355 SELF-CARE FOR SOCIAL WORKERS 3.00 Credits**

This course is an undergraduate level class designed primarily for students in social work. The objective of the course is two-fold. First, the course is designed to familiarize students with contemplative practice and its relevance for the fields of first responders and helpers. Second, the course is designed to give future care providers practical methods for taking care of themselves and preventing burnout. The course will entail both academic and experiential learning. The class is reflective as well as interactive as we build self-awareness in applying self-care practices into our daily life; and see how that influences those around us.

**SW-360 CASE MANAGEMENT IN SOCIAL WORK 3.00 Credits**

This course is designed to give social work students skills in managing their cases as they enter the field of social work practice. These skills will include engagement, assessment, service plan development, referrals, client monitoring, evaluation, and termination. Students will also learn to manage client data with popular software programs, such as Excel.

**SW-361 CHILD WELFARE 3.00 Credits**

This course presents to the social work student a fundamental model of social work practice that addresses a multi-systemic approach to intervention for families that emphasizes safety, permanence and well-being. The class explores best practice methods of intervention with diverse populations that are a blend of policy changes and practice applications in the domain of child welfare practices.

**SW-363 ETHICS IN SOCIAL WORK PRACTICE 3.00 Credits**

The focus of this course is to familiarize the student with the National Association of Social Workers (NASW) Code of Ethics and for students to develop and ability to apply these codes to a variety of specific problem situations. Students will explore current professional, ethical, and legal issues in a variety of settings and learn how to think through ethical issues in a systematic manner. Principles of ethical decision making and decision-making strategies will be explored. Pre-requisite: Junior standing.

**SW-364 SOCIAL WORK PRACTICE WITH CHILDREN AND ADOLESCENTS 3.00 Credits**

This Social Work elective course focuses on Social Work practice with children, adolescents, and their families. The course incorporates social work practice theory and skill development, relevant policy issues and the considerations, and emphasizes the ways in which empirical research informs practice.

**SW-365 AGING IN THE 21ST CENTURY 3.00 Credits**

As the American population ages, millions of people referred to as "baby boomers" have begun to retire. However, unlike any time in our history, that population will not be like the stereotypes of old people sitting quietly in rocking chairs. In fact, they will be a population to be reckoned with as they make increasing economic, political, and social demands and will expect to have those demands addressed. The purpose of this course is to create an holistic and positive understanding of older people and how they expect to live in the 21st Century. Their physical, psychological, social, philosophical, ethical, and spiritual dimensions will be infused into on-line discussions and class assignments.

**SW-366 SOCIAL WORK AND SPIRITUAL DIVERSITY 3.00 Credits**

This is an elective course offered to students in the Social Work program with the purpose of understanding the role of spirituality and religion within the context of social work's commitment to the person-in-environment perspective and individual diversity. Religion and spirituality have a profound influence on the lives of clients seen by social work practitioners as well as on social workers themselves. This course considers the role of religion and spirituality in the socialization process of the professional and the client. It examines religious values, ethics, principles, and philosophies as influences.

**SW-386 FOUNDATIONS OF SOCIAL WORK RESEARCH 3.00 Credits**

This course introduces research as a scholarly and evaluative process. In the course, students analyze and critique empirical articles while constructing a comprehensive literature review on social work practice topics. The course highlights basic social scientific research techniques, including qualitative and quantitative methods, data collection, assessment and single-subject design. The use of research and the use of evaluation of practice as tools in the professional repertoire of skills available to the social work generalist are emphasized. The ethics of scientific inquiry are stressed throughout. Course enrollment is limited to Social Work majors. Pre-requisites: Core Math course.

**SW-390 DIRECTED STUDY IN SOCIAL WORK 1.00-3.00 Credits****SW-392 SPECIAL TOPICS IN SOCIAL WORK 1.00-12.00 Credits****SW-393 SERVICE LEARNING 1.00-12.00 Credits****SW-394 INTERNSHIP IN SOCIAL WORK 1.00-12.00 Credits****SW-395 PRACTICUM IN SOCIAL WORK 1.00-12.00 Credits****SW-399 RESEARCH ASSISTANTSHIP 1.00-3.00 Credits****SW-400 CASE MANAGEMENT IN SOCIAL WORK 3.00 Credits**

This social work program elective is designed to give social work students skills in managing their cases as they enter the field of social work practice. These skills will include engagement, assessment, service plan development, referral, monitoring clients, and termination. In addition, students in this course will learn to use spreadsheet and database programs to manage data on their clients. Students will demonstrate their skills through weekly discussions and exercises.

**SW-401 VIOLENCE AND THE FAMILY 3.00 Credits**

This course focuses on the causes, prevalence, treatment and prevention of violence that individuals may encounter when working with families. It provides a historical approach to the issue of violence, the various frameworks to understand it, and the domestic trends that both promote and hinder it. The course will maintain a dual focus on victims and perpetrators of crime, and how they interact with social and economic justice issues. The course will explore the impact of violence on vulnerable groups such as children, women, elderly, mentally ill, minority groups, and others special populations. Topics include child maltreatment, domestic violence, courtship violence, school violence, gang violence, workplace violence, abuse of elderly and disabled, hate crimes, and more. The course will help students to develop a culturally competent view of the impact of violence upon individuals, families and the society at large. Students will learn about violence prevention and intervention strategies that may be used in practice, programming, policy, and research.

**SW-405 TRAUMA AND RESILIENCE 3.00 Credits**

This course will provide students with a level of understanding of trauma's effects on the brain and body necessary for becoming trauma-informed practitioners, as well as advocates for trauma-informed agencies and communities. The course will examine current research on the NEAR sciences, neurobiological effects of trauma, epigenetics, the Adverse Childhood Events study, and resilience for the purpose of understanding trauma-informed practice in the field.

**SW-407 TREATMENT OF COMPLEX TRAUMA 3.00 Credits**

The course will provide a comprehensive overview of the treatment of complex trauma. Students will be introduced to a variety of clinical perspectives and issues in working with complex trauma and consider culturally-informed practices. Students will also learn the basics of working with complex trauma through experiential exercises and personal skills practice. Students will explore how their own lived experiences and biases may impact their therapeutic work those who have experienced complex trauma. The nature of this course requires self-analysis and to that degree self-disclosure. This is an inherent practice in learning the skills necessary to provide ethical treatment to others. You are not, however, required to reveal any specific details of your life, but may choose to use the aspects of your life that you are comfortable working with.

**SW-410 INTRODUCTION TO DIALECTICAL BEHAVIORAL THERAPY 3.00 Credits**

This course is designed as an introduction to the underpinning theory and treatment components of Dialectical Behavioral Therapy (DBT) as designed by Marsha M. Linehan. We will explore why and how DBT was developed and we will examine research that supports its use. We will explore client profiles and treatment structures that are most suitable for the successful implementation of DBT. Instruction will include an overview of the skills modules that are foundational to DBT and effective application of these modules, including some practice developing our own personal use of DBT skills. Pre-requisite: Acceptance into the Social Work Program or permission of the instructor.

**SW-442 GENERALIST PRACTICE IN MEZZO-INTERVENTIONS 3.00 Credits**

Building upon previous practice classes, this course explores the theories and dynamics of group behavior, and the techniques of working with and within diverse groups in a variety of community and organizational contexts. Students learn to assess interaction patterns, individual change through group processes, ethical options and their own group skills as an emphasis within generalist practice. Course enrollment is limited to Social Work majors. Pre-requisite: SW 341 and admission to social work program.

**SW-443 SOCIAL WORK PRACTICE WITH ORGANIZATIONS AND COMMUNITIES 3.00 Credits**

The Generalist Approach is continued with emphasis on social work practice with and within organizations and communities. Emphasis is placed on the importance of the many systems affecting large numbers of individuals. Organizational and community structures are examined in order for the beginning practitioner to understand and intervene in the agencies and community within the social service delivery system. Course enrollment is limited to social work majors. Pre-requisite: SW-341 and admission to the social work program.

**SW-480 DIVERSITY AWARENESS IN SOCIAL WORK PRACTICE 3.00 Credits**

This course synthesizes knowledge, values, and skills regarding diverse experiences among client systems, allowing students to demonstrate their understanding of the effects of diverse characteristics in shaping personal identity and the human experience. The course focuses on the intersectionality of multiple factors of age, class, color, culture, physical and mental ability, ethnicity, gender, gender identity and expression, immigration status, political ideology, race, spirituality, sex, and sexual orientation. The course will address the consequences of human differences that may include oppression, poverty, marginalization, and alienation, as well as privilege and power. Pre-requisite: SW-341 or permission of instructor.

**SW-483 FIELD EDUCATION I 4.00 Credits**

Guided by a learning contract, Field Education I is a supervised learning experience enabling the student to apply learned techniques, theories, and professional values from social work foundation courses within an agency setting. Field Education I focuses on supervised social work practice in a human service agency. Enrollment is limited to students admitted to the BSW Program. Graded P/F only. Pre-requisite: SW341.

**SW-484 FIELD EDUCATION II 4.00 Credits**

Guided by a learning contract, Field Education II is a supervised learning experience enabling the student to apply learned techniques, theories, and professional values from social work foundation courses within an agency setting. Enrollment is limited to students admitted to the BSW Program. Graded P/F only. Pre-requisite: SW 483.

**SW-485 FIELD SEMINAR I 2.00 Credits**

This course focuses on classroom learning. The class facilitates the student's professional development toward entry level generalist practice by providing a forum for the integration of field experiences with classroom learning of social work knowledge, skills, and values. Enrollment is limited to students admitted to the BSW Program. Co-Requisite: SW 483.

**SW-486 FIELD SEMINAR II 2.00 Credits**

This course focuses on classroom learning. The class facilitates the student's professional development toward entry level generalist practice by providing a forum for the integration of field experiences with classroom learning of social work knowledge, skills, and values. Enrollment is limited to students admitted to the BSW. Co-Requisite: SW-484.

**SW-487 SOCIAL WORK RESEARCH PROPOSAL 3.00 Credits**

This course is designed to expand upon the knowledge and skills learned in SW 386: Research Methods through practice-informed research. The student will learn about descriptive, comparative, and correlational research designs and develop a research proposal that includes an introduction, literature review, and methodology section. The student is also required to complete an IRB application. Pre-requisites: SW-386.

**SW-488 SOCIAL WORK STATISTICAL ANALYSIS 3.00 Credits**

This course is designed to expand upon the knowledge and skills learned in SW 386: Research Methods and SW487: Social Work Research Proposal through research-informed practice. The student will learn about and utilize descriptive and inferential statistical analysis to analyze and interpret their collected data. Topics include: measures of central tendency, measures of variability, correlation methods, simple analysis of variance, and hypothesis testing. The research paper will include the research proposal from SW 487 as well as the results and discussion section based on their collected data. Pre-requisite: SW-487.

**SW-490 DIRECTED STUDY IN SOCIAL WORK 1.00-3.00 Credits****SW-491 WORKSHOP IN SOCIAL WORK 1.00-3.00 Credits****SW-492 SPECIAL TOPICS IN SOCIAL WORK 1.00-12.00 Credits****SW-493 SERVICE LEARNING 1.00-12.00 Credits****SW-499 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits**

# Sociology (SOC)

## Courses

### **SOC-101 INTRODUCTION TO SOCIOLOGY 3.00 Credits**

An introduction to the basic concepts, principles and processes in sociology with materials relating to culture, social interaction, institutions and social change.

### **SOC-102 SOCIAL PROBLEMS 3.00 Credits**

Students develop a sociological frame of reference for understanding some of the complex problems of our society. Problems examined include poverty, environmental degradation, racism, sexism, crime, substance abuse, inadequate healthcare, etc. in the context of American society.

### **SOC-275 PRIN OF INTERVIEWING AND CASE STUDIES 3.00 Credits**

Behavioral sciences theory as applied to interviewing and case studies is examined in this course in order to understand the effects of setting, interview stages, and levels of communication during the interviewing process.

### **SOC-290 DIRECTED STUDY IN SOCIOLOGY 1.00-3.00 Credits**

Graded P/F only.

### **SOC-291 WORKSHOP IN SOCIOLOGY 1.00-3.00 Credits**

### **SOC-292 SPECIAL TOPICS IN SOCIOLOGY 1.00-12.00 Credits**

### **SOC-295 PRACTICUM IN SOCIOLOGY 1.00-9.00 Credits**

### **SOC-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits**

### **SOC-310 RELIGION IN CONTEMPORARY SOCIETY 3.00 Credits**

Students study religion as a social phenomenon by examining the functions and organization of religions. The reciprocal relationship between religion and other social institutions is illuminated by historical examples and current trends in religion.

### **SOC-315 MARRIAGE AND FAMILY 3.00 Credits**

A study of the institutions of marriage and the family emphasizing the various social factors and forces affecting relationships within the family as well as the changing role and forms of marriage and family in society. Prerequisites: ENGL-102 or ENGL-109 or instructor permission.

### **SOC-320 JUVENILE DELINQUENCY 3.00 Credits**

The theories of causation, prevention, control, and treatment of delinquency in contemporary society are studied. Included in this survey are modes of treatment, methods of diverting youth-related problems from the juvenile courts to other community resources, and post-treatment adjustment. Cross-listed with JS-320.

### **SOC-325 SOCIAL STRATIFICATION 3.00 Credits**

Students study the major dimensions of social stratification systems, including class, prestige and power and how inequalities manifest themselves in everyday life. Pre-requisite: SOC-101.

### **SOC-333 WHITE COLLAR CRIME 3.00 Credits**

The costs, causes, and control of crime by and against businesses and other organizations; the relationship between trust and white collar crime; and the impact of the media in shaping perceptions of white collar crime will be studied. Pre-requisites: JS-103 or SOC-101 or SOC-102 and ENGL-102 or permission of instructor. Cross-listed with JS-333.

### **SOC-345 CRIMINOLOGY 3.00 Credits**

Students study crime and society, theories of criminality, types and trends of crime, characteristics of criminals, social control, and criminological controversies. Pre-requisite: JS-103 or SOC-101 or instructor permission. Cross-listed with JS-345.

### **SOC-355 RURAL SOCIOLOGY 3.00 Credits**

This course introduces students to some of the most pressing issues facing rural peoples and areas today. Students learn about the historical and contemporary relationships of rural peoples and regions to urban areas and the global economy and the impact of these relationships on the well being of rural people and their environments. Emerging forms of political, economic, and social organization in rural areas are examined in this context of the historical legacy. Prerequisites: SOC-101 or ENGL-102 or ENGL-109 or instructor permission.

### **SOC-360 RACE AND ETHNICITY 3.00 Credits**

An introduction to the theoretical and substantive issues in the study of race and ethnicity. Students learn about the historical development of race and ethnicity as social categories and examine contemporary race and ethnic relations in the United States and other societies.

### **SOC-366 ENVIRONMENT AND SOCIETY 3.00 Credits**

An introduction to the sociological study of the relationship between human societies and the environment, with an emphasis on anthropogenic drivers of environmental change and how responses to environmental problems are socially mediated. By the end of course, students will be able to engage in discussions on the links between human activities and contemporary environmental problems in an informed and critical manner. Pre-requisite: ENGL-102.

### **SOC-375 DEVIANT BEHAVIOR AND SOCIAL CONTROL 3.00 Credits**

Students study the origins and functions of deviant behaviors and social control to learn of their effect on maintaining and/or changing society. Pre-requisite: Junior standing.

**SOC-390 DIRECTED STUDY IN SOCIOLOGY 1.00-3.00 Credits****SOC-392 SPECIAL TOPICS IN SOCIOLOGY 1.00-12.00 Credits****SOC-399 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****SOC-403 SOCIAL CHANGE 3.00 Credits**

This course provides an analysis of the political economic, ecological, and ideological sources and consequences of social change. Students critically examine historical and contemporary processes of societal development and change and the impact of such processes on individuals, communities, and societies in global context. Pre-requisite: SOC-101.

**SOC-422 RACE, CLASS, GENDER & JUSTICE 3.00 Credits**

This course explores the effects of race, class and gender on the criminal justice system. Patterns of offending and victimization associated with the categories of race, class and gender will be studied. Students will study topics such as profiling, disparities in sentencing and the death penalty, minority overrepresentation in prison, responses to battering, and criminal justice system employment practices. Pre-requisite: JS-103 or SOC-101 or instructor permission. Cross-listed with JS-422.

**SOC-425 VIOLENCE AND GENDER 3.00 Credits**

This course will provide an overview of gender-based violence. Crimes such as domestic violence, stalking, rape, sexual assault, and sexual harassment will be analyzed within a broader social context. Special attention will be given to how these crimes affect women and men, and how societal institutions (e.g., the criminal justice system, the health care system, employers, and social service providers) may better address the needs of victims and offenders. The course will be based on information gathered through current research, guest lectures, and scholarly and media resources. Pre-requisite: ENGL-102 or ENGL-109. Cross-listed with JS-425.

**SOC-480 VICTIMOLOGY 3.00 Credits**

This course involves the scientific study of crime victims and focuses on the physical, emotional, and financial harm people suffer at the hands of offenders. Emphasis is placed on victim-offender relationships, interactions between victims and the criminal justice system, and connections between victims and other social groups and institutions. Theories, history, research, legislation, and policy implications related to the social construction of "the victim" are explored. Pre-Requisites: ENGL-102 or ENGL-109; and a total of 24 credit hours in the General Education Core or instructor permission. Cross-listed with JS-480.

**SOC-490 DIRECTED STUDY IN SOCIOLOGY 1.00-3.00 Credits****SOC-491 WORKSHOP IN SOCIOLOGY 1.00-12.00 Credits****SOC-492 SPECIAL TOPICS IN SOCIOLOGY 1.00-12.00 Credits****SOC-495 PRACTICUM IN SOCIOLOGY 1.00-9.00 Credits**

## Spanish (SPAN)

### Courses

**SPAN-101 ELEMENTARY SPANISH I 4.00 Credits**

A course to bring beginning students to an ACTFL proficiency level of novice-high through study and practice of communicative skills, functional grammar, and the culture of Spanish-speaking areas.

**SPAN-102 ELEMENTARY SPANISH II 4.00 Credits**

A course to bring beginning students to an ACTFL proficiency level of intermediate-low through study and practice of communicative skills, functional grammar, and the culture of Spanish-speaking areas. Pre-requisite: SPAN-101 or placement.

**SPAN-109 BEGINNING SPANISH WORKSHOP 1.00-2.00 Credits**

P/F credit only. May be repeated for a total of two credits, or taken in Spring semester only, with supplemental materials, for two credits. Co-requisite: Enrollment in SPAN-101 or SPAN-102.

**SPAN-190 DIRECTED STUDY IN SPANISH 1.00-12.00 Credits****SPAN-192 SPECIAL TOPICS IN SPANISH 1.00-12.00 Credits****SPAN-201 INTERMEDIATE SPANISH I 4.00 Credits**

A second-year course to bring students to an ACTFL proficiency level of intermediate-mid through practice of communicative skills, review of grammar, and study of the culture of Spanish-speaking areas. Emphasis on patterns of intonation and development of reading skills. Pre-requisite: SPAN-102 or placement.

**SPAN-202 INTERMEDIATE SPANISH II 4.00 Credits**

A second-year course to bring students to an ACTFL proficiency level of intermediate-high through practice of communicative skills, review of grammar, and study of the culture of Spanish-speaking areas. Emphasis on patterns of intonation and development of reading skills. Pre-requisite: SPAN-201 or placement.

**SPAN-209 INTERMEDIATE SPANISH WORKSHOP 1.00 Credit**

Graded P/F only. May be repeated for a total of two credits or taken in spring semester only, with supplemental materials, for two credits. Co-requisite: Enrollment in SPAN-201 or SPAN-202.

**SPAN-290 DIRECTED STUDY IN SPANISH 1.00-5.00 Credits****SPAN-291 WORKSHOP IN SPANISH 1.00-3.00 Credits****SPAN-292 SPECIAL TOPICS IN SPANISH 1.00-3.00 Credits****SPAN-295 PRACTICUM IN SPANISH 1.00-12.00 Credits****SPAN-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****SPAN-301 ADVANCED SPANISH 3.00 Credits**

Provides in-depth analysis of the Spanish language for intermediate to advanced students with the goal of improving their proficiency. It is meant to help students transition from the beginning and intermediate sequence of courses (SPAN-101-SPAN-202) into upper-division coursework by developing their command of the structures and usages of Spanish. The course is taught in Spanish and will cover key grammatical concepts, increase vocabulary, and address areas of dialectal and stylistic variation.

**SPAN-302 SPANISH COMPOSITION 3.00 Credits**

Through principles of process writing, this course will help students to develop intermediate to advanced Spanish language writing skills. Students will practice these skills in a variety of formats and contexts. Problematic grammar principles will also be reviewed using the writing process as a means of learning proper usage and context. This class is taught in Spanish and has a prerequisite of SPAN-202 or instructor permission in order to enroll.

**SPAN-309 SPANISH CONVERSATION LAB 1.00 Credit**

Pass/Fail credit only. May be repeated for a total of two credits. Co-requisite: SPAN 310 or permission of the instructor.

**SPAN-310 SPANISH CONVERSATION 3.00 Credits**

Exercises and consolidates reading, writing, speaking, and listening at the ACTFL proficiency level of intermediate-high. There is an emphasis on developing and improving speaking and listening skills through conversation (stimulated by a study of cultural topics, literature, grammar, and relevant contemporary issues). Pre-requisite: SPAN-202 or the permission of the instructor.

**SPAN-320 HISPANIC LITERATURE 3.00 Credits**

An introduction to representative authors and to techniques of analysis and critical reading; an opportunity to develop reading strategies in Spanish. Recommended pre-requisite: SPAN 202 or equivalent.

**SPAN-350 SPANISH PHONETICS & PRONUNCIATION 3.00 Credits**

An introduction to Spanish phonetics and phonology and the analytical methods associated with the field of linguistics. Students will study the sounds and processes that effect spoken Spanish and will develop the ability to analyze their own speaking skills, recognizing the phonetic / phonological differences between English and Spanish. This class is taught in Spanish and will provide students many opportunities to develop and improve their speaking skills. Pre-requisite: SPAN-202 or permission from the instructor.

**SPAN-370 HISPANIC CIVILIZATION AND CULTURE 3.00 Credits**

A survey course addressing the rich and complicated histories and cultures of Spain and Spanish America from pre-Roman times to the present. Pre-requisite: SPAN 202 or equivalent.

**SPAN-380 CREDIT FOR STUDY OF SPANISH ABROAD 3.00-12.00 Credits**

Allows students to earn college credit for study of Spanish language and culture abroad. Study must be accomplished in recognized language institutes or programs; study must be approved in advance of registration. Pre-requisites: SPAN-202 and permission of instructor and Chair of the Humanities division.

**SPAN-390 DIRECTED STUDY IN SPANISH 1.00-5.00 Credits****SPAN-392 SPECIAL TOPICS IN SPANISH 1.00-4.00 Credits****SPAN-394 Internship in Spanish 1.00-12.00 Credits****SPAN-395 PRACTICUM IN SPANISH 1.00-12.00 Credits****SPAN-472 LATINO LITERATURE IN THE US 3.00 Credits**

This course explores the roots of Chicano and US Latino identity as expressed in its literature. Pre-requisite: SPAN-202 or permission of instructor.

**SPAN-490 DIRECTED STUDY IN SPANISH 1.00-5.00 Credits****SPAN-491 WORKSHOP IN SPANISH 1.00-3.00 Credits****SPAN-492 SPECIAL TOPICS IN SPANISH 1.00-4.00 Credits****SPAN-495 PRACTICUM IN SPANISH 1.00-12.00 Credits****SPAN-499 RESEARCH PROJECT AND SEMINAR IN SPANISH 1.00-12.00 Credits**



# Special Education (SE)

## Courses

### **SE-322 INCLUSION STRATEGIES K-12 3.00 Credits**

Designing strategies for teaching and assisting individuals with learning differences or disabilities in school settings. Emphasizes standards of performance related to teaching and team responsibilities of professionals working to assist students with individual strengths or needs. Pre-requisite: Admission to Teacher Education Program or permission of instructor.

### **SE-332 INDIVIDUALIZED ASSESSMENT 3.00 Credits**

The study and application of models and techniques of diagnosis and educational assessment used in identifying, classifying, planning for, monitoring, and evaluating individuals with disabilities and educational programs. Co-requisite: SE-335.

### **SE-333 INDIVIDUALIZED INSTRUCTION 3.00 Credits**

Instructional design and planning for teaching individuals with disabilities or learning needs. Emphasizes standards of instructional practice for motor, cognitive, academic and functional life skills.

### **SE-334 INDIVIDUALIZED MOTIVATION 3.00 Credits**

Motivational planning for teaching individuals with disabilities or special needs. Emphasizes standards of practice related to planning and managing the teaching learning environment, and managing student behavior and social interaction skills.

### **SE-335 SPECIAL EDUCATION FIELD EXPERIENCE 1.00 Credit**

Individualized and small group instruction experiences involving students with disabilities. Emphasizes standards of performance related to basic, social interaction, motor and functional skills development. Graded P/F only.

### **SE-340 FOUNDATIONAL LITERACY 4.00 Credits**

Letter knowledge, phonological awareness, and an understanding of speech-sound correspondences are essential for all children to learn how to become readers and writers. However, it is also critical for children to learn how to use these tools to better their thinking and reasoning. In this course students will develop and demonstrate knowledge of written and oral language used in literacy development through classroom lecture, research assignments, activities, and field experiences. This course includes a 24-hour field experience in a K-2 grade classroom and it aligns with the Idaho Comprehensive Literacy Coursework (ICLC). Pre-requisite: Admission to the Elementary Teacher Education Program or permission of instructor. Crosslisted with RE-340.

### **SE-342 INTERMEDIATE LITERACY 4.00 Credits**

Develops and applies students' theoretical understandings of the processes of literacy learning from grades 3-8. Includes focus on instruction and assessment of: reading comprehension, vocabulary, fluency, and writing. Includes implications for meaningful instruction for academically and culturally diverse learners. This course includes a 25-hour field experience in a 3-8 grade classroom and it aligns with the Idaho Comprehensive Literacy Coursework (ICLC). Pre-requisite: Admission to the Elementary Teacher Education Program. Cross-listed with RE-342.

### **SE-390 DIRECTED STUDY IN SPECIAL EDUCATION 1.00-12.00 Credits**

### **SE-394 INTERNSHIP IN SPECIAL EDUCATION 1.00-12.00 Credits**

### **SE-399 RESEARCH ASSISTANTSHIP 1.00-3.00 Credits**

### **SE-407 ADAPTIVE TEACHING 6-12 2.00 Credits**

Approaches to adapting curriculum, instruction and evaluation for students with learning difficulties in the secondary schools. Emphasis will be on motivation and alternative learning environments. Practical experiences are integrated into the course. Pre-requisite: Admission to the Secondary Teacher Education Program.

### **SE-428 ADAPTIVE TEACHING I 1.00 Credit**

Approaches to adapting learning environments and motivation for students with learning differences or disabilities. Emphasizes standards of performance related to learning differences and adapting environments. Pre-requisite: Admission to the Elementary Teacher Education Program.

### **SE-431 ADAPTIVE TEACHING II 1.00 Credit**

Approaches to adapting curriculum, instruction and assessments for students with learning differences or disabilities. Emphasizes standards of practices related to disabilities and adaptive instruction. Pre-requisite: Admission to the Elementary Teacher Education Program.

### **SE-467 PHYSICAL ACTIVITY AND RECREATION FOR INDIVIDUALS WITH SPECIAL NEEDS 3.00 Credits**

Study of the categories of exceptionality. Socio-cultural dimensions of learning and teaching are examined. Strategies for teaching and assisting individuals with special needs and a wide variety of abilities in sport and physical activity. Includes field experiences with Special Olympics, physical and occupational therapists, and adapted physical educators in schools. Cross-listed with KIN-467.

### **SE-477 CONSULTING WITH PARENTS AND PROFESSIONALS 2.00 Credits**

Theory and practice of consulting with parents of students with disabilities. Emphasizes standards of performance related to communication, collaborative partnerships, professional and ethical practices.

### **SE-484 SPECIAL EDUCATION INTERNSHIP 6.00 Credits**

Individualized planning and instruction in resource or inclusion programs for students with disabilities. Emphasizes standards of performance integrating knowledge and skills required for the CEC Common Core of Knowledge and Skills Essential for All Beginning Special Education Teachers. Fee required. Pre-requisite: Admission to the Elementary or Secondary Teacher Education Program. Graded P/F only.

**SE-490 DIRECTED STUDY IN SPECIAL EDUCATION 1.00-12.00 Credits**

**SE-491 WORKSHOP IN SPECIAL EDUCATION 1.00-12.00 Credits**

**SE-492 SPECIAL TOPICS IN SPECIAL EDUCATION 1.00-12.00 Credits**

**SE-494 INTERNSHIP IN SPECIAL EDUCATION 1.00-12.00 Credits**

**SE-495 PRACTICUM IN SPECIAL EDUCATION 1.00-12.00 Credits**

## Student Development (SD)

### Courses

**SD-097 APPLIED STUDY SUPPORT IN MATHEMATICS 1.00 Credit**

Provides study skill support in the area of basic mathematics. Course sections include support for Math 015, Math 025, Math 108, Math 130, and Math 157. Students must be participants of TRIO Academic Services. Graded P/F only.

**SD-100 INTRODUCTION TO COLLEGE STUDIES 1.00 Credit**

Includes study skills, learning how the college functions, career exploration and life planning. Topics include: 1) taking notes from books and lectures; 2) taking essay and objective tests; 3) planning for study; 4) determining interests; 5) writing a career plan; 6) setting goals in a variety of life areas; and 7) making plans to accomplish life goals.

**SD-105 FIRST YEAR EXPERIENCE 1.00 Credit**

Designed to help students develop the skills and abilities needed to succeed at Lewis-Clark State College. Course instruction will focus on transition issues, support services, connection to campus community, valuing education, academic expectations, successful behavior, introduction to online learning components, critical thinking, and decision-making. Students will be required to complete written, oral, and online assignments, and actively participate in a learning-centered environment.

**SD-107 NEW STUDENT ORIENTATION 1.00 Credit**

New students to LCSC will be exposed to fellow students, faculty and staff to become familiar with the campus culture and the myriad of policies and procedures to help students function within that culture. Orientation is the cornerstone of a successful college career and, thus, contains a variety of components intended to acquaint students with the campus and faculty/staff affiliated with the students' academic majors.

**SD-108 WARRIOR ENTERTAINMENT BOARD 1.00-2.00 Credits**

Students will plan and implement entertainment events at the college. Students will spend classroom time learning the basics of event planning and gain hands-on experience while planning events for LCSC's campus community. Entertainment events include, but are not limited to, concerts, movies, speakers, comedy shows, cultural events, novelty acts, and dances. Program Leads - 2 credits (108) per semester. Programmers - 1 credit (108) per semester. A maximum of 10 credits may be earned and these credits may not be used to fulfill core requirements or major/minor requirements.

**SD-110 APPLICATION OF LEARNING STRATEGIES 3.00 Credits**

An individualized course designed to provide students with an opportunity to become proficient in the application of various learning strategies in college course materials. Both affective and cognitive factors in the learning process are addressed. Students are assessed individually and directed to complete specific objectives based on the initial evaluation. Students must be participants of TRIO Academic Services.

**SD-111 INTERNATIONAL CLUB 1.00-2.00 Credits**

This course will integrate international students into college and the community and to provide American students and community members with a meaningful experience in cultural diversity. The students will take part in various educational, social, fundraising and service activities. May be repeated 2 times for credit. Graded P/F only.

**SD-120 CAREER EXPLORATION 1.00 Credit**

Career Exploration is designed to assist students as they research themselves and the world of work. Specifically, the course challenges students to look at their values, interests, and skills as they relate to career choices. Students will gain an accurate perception of how their personal and professional goals match with the work world, as well as learn about ways to reach their goals.

**SD-124 NATIVE AMERICAN AWARENESS 1.00 Credit**

Focuses on the planning, organization and implementation of the annual Native American Awareness Week promoting an understanding of Native American cultures and peoples. Speakers and activities address cultural, historical and contemporary subjects. Note: Fall semester for 1 credit.

**SD-125 NATIVE AMERICAN AWARENESS 1.00-2.00 Credits**

Focuses on the planning, organization and implementation of the annual Native American Awareness Week promoting an understanding of Native American cultures and peoples. Speakers and activities address cultural, historical and contemporary subjects. Note: Spring semester for 1 or 2 credits.

**SD-130 PRACTICUM IN STUDENT GOVERNMENT LEADERSHIP 1.00-4.00 Credits**

Theory and practice in developing leadership skills. Associated Student Body President - 4 credits (330) per semester. Associated Student Body Vice-President - 3 credits (330) per semester. Committee members - 1 credit (130) per semester. A maximum of 10 credits may be earned and these credits may not be used to fulfill core requirements or major/minor requirements.



**SD-133 INTRODUCTION TO ONLINE COURSEWORK 1.00 Credit**

The purpose of this course is to help students be successful online learners by providing them instruction in the use of LCSC's online learning management system (LMS). Students will learn how to log in, customize personal account settings, navigate and use the LMS tools to submit assignments, and learn how to use the mobile app for the LMS. Students will also learn time management skills, helpful apps and software for online courses, and tips for being successful online learners.

**SD-190 DIRECTED STUDY IN STUDENT DEVELOPMENT 1.00-12.00 Credits****SD-192 SPECIAL TOPICS IN STUDENT DEVELOPMENT 1.00-12.00 Credits****SD-193 SERVICE LEARNING 1.00-12.00 Credits****SD-195 PRACTICUM IN STUDENT DEVELOPMENT 1.00-12.00 Credits****SD-200 STUDY AWAY 12.00 Credits**

This course is used to hold a place at LCSC for students studying abroad on an approved Study Away Program. When students return from their semester away, they are then granted credit against specific LCSC courses based on their studies while away.

**SD-202 SUMMER STUDY ABROAD 6.00-12.00 Credits**

A variable-credit placeholder course for summer students to register for financial aid and maintain status while abroad. Replaced by their transcribed classes upon return.

**SD-220 INTRODUCTION TO LEADERSHIP 1.00-3.00 Credits**

This course is designed to facilitate growth and change, empowering students to become proactive, to actively create the future, and to become change agents through application of interpersonal leadership principles. Students learn several approaches to problem solving and their applications. Teamwork potential is developed through work on various projects.

**SD-224 NATIVE AMERICAN AWARENESS 1.00 Credit**

Focuses on the planning, organization and implementation of the annual Native American Awareness Week promoting an understanding of Native American cultures and peoples. Speakers and activities address cultural, historical and contemporary subjects. Pre-requisite: SD-124 or SD-125. Note: Fall semester for 1 credit.

**SD-225 NATIVE AMERICAN AWARENESS 1.00-2.00 Credits**

Focuses on the planning, organization and implementation of the annual Native American Awareness Week promoting an understanding of Native American cultures and peoples. Speakers and activities address cultural, historical and contemporary subjects. Pre-requisite: SD-124 or SD-125. Note: Spring semester for 1 or 2 credits.

**SD-280 AMBASSADOR HONOR SOCIETY 1.00-3.00 Credits**

Students develop stronger skills in the following areas: leadership, communication, initiative, cooperative learning and cooperative task accomplishment. To enroll in this course, students must be current members of the Ambassador Honor Society and must receive pre-approval from an Ambassador Advisor. Graded P/F only.

**SD-290 DIRECTED STUDY IN STUDENT DEVELOPMENT 1.00-12.00 Credits****SD-291 WORKSHOP IN STUDENT DEVELOPMENT 1.00-12.00 Credits****SD-292 SPECIAL TOPICS IN STUDENT DEVELOPMENT 1.00-12.00 Credits****SD-294 INTERNSHIP IN STUDENT DEVELOPMENT 1.00-12.00 Credits****SD-295 PRACTICUM IN STUDENT DEVELOPMENT 1.00-12.00 Credits****SD-299 RESEARCH ASSISTANTSHIP 1.00-12.00 Credits****SD-307 TRANSFER ORIENTATION 1.00 Credit**

Provides new transfer students with information needed to enjoy successful studies and quality interactions with various campus departments. Student rights and responsibilities, the LCSC Student Code of Conduct, financial aid and scholarship requirements, issues related to fee payment, graduation and program requirements, student activities/clubs, and myriad other facets of student life at LCSC will be introduced and reviewed.

**SD-308 WARRIOR ENTERTAINMENT BOARD 2.00-3.00 Credits**

Students will plan and implement events at the college. Students will spend classroom time learning the basics of event planning and gain hands-on experience while planning events for LCSC's campus community. Entertainment events include, but are not limited to, concerts, movies, speakers, comedy shows, cultural events, novelty acts, and dances. Warrior Entertainment Board Chair - 3 credits (308) per semester. Warrior Entertainment Board Vice-Chair - 2 credits (308) per semester. A maximum of 10 credits may be earned and these credits may not be used to fulfill core requirements or major/minor requirements.

**SD-330 PRACTICUM IN STUDENT GOVT LEADERSHIP LEADERHIP 1.00-4.00 Credits**

Theory and practice in developing leadership skills. Associated Student Body President-4 credits (330) per semester. Associated Student Body Vice-President-3 credits (330) per semester. Committee members-1 credit (130) per semester. A maximum of 10 credits may be earned and these credits may not be used to fulfill core requirements or major/minor requirements.

**SD-390 DIRECTED STUDY IN STUDENT DEVELOPMENT 1.00-12.00 Credits**

**SD-392 SPECIAL TOPICS IN STUDENT DEVELOPMENT 1.00-12.00 Credits**

**SD-394 INTERNSHIP IN STUDENT DEVELOPMENT 1.00-12.00 Credits**

**SD-490 DIRECTED STUDY IN STUDENT DEVELOPMENT 1.00-12.00 Credits**

**SD-491 WORKSHOP IN STUDENT DEVELOPMENT 1.00-12.00 Credits**

**SD-492 SPECIAL TOPICS IN STUDENT DEVELOPMENT 1.00-12.00 Credits**

**SD-494 INTERNSHIP IN STUDENT DEVELOPMENT 1.00-12.00 Credits**

**SD-495 PRACTICUM IN STUDENT DEVELOPMENT 1.00-12.00 Credits**

## Theater (THEA)

### Courses

**THEA-101 SURVEY OF THE THEATER 3.00 Credits**

An examination of the development of the various aspects of theater from early to contemporary times, including the evolution of the theater architecture, acting, scenecraft, etc. Practical application in actual productions.

**THEA-190 DIRECTED STUDY IN THEATER 1.00-12.00 Credits**

**THEA-195 PRACTICUM IN THEATER 1.00-3.00 Credits**

**THEA-211 THEATER PRODUCTION 1.00-3.00 Credits**

Laboratory projects coordinated with productions. Covering the areas of acting, makeup, costume, stage management, publicity, set construction, painting, and stage lighting. A maximum of 12 credits at the two levels may be counted toward graduation.

**THEA-212 THEATRE PRODUCTION 1.00-3.00 Credits**

Students can choose from a variety of laboratory projects coordinated with theatrical productions covering the areas of acting, makeup, costume, stage management, publicity, set construction, painting, and stage lighting. At the 212 level students will be supervised by faculty or advanced theater students. A maximum of 12 credits at the two levels may be counted towards degree completion.

**THEA-215 PRINCIPLES OF ACTING 3.00 Credits**

Basic theory and techniques of acting and improvisation.

**THEA-230 STAGE MOVEMENT 3.00 Credits**

Develops physical coordination, kinesthetic sense, nonverbal communication, and stage presence. Period movement, stage combat, and some basic mime and dance are explored.

**THEA-240 PLAY ANALYSIS 3.00 Credits**

An introduction to play analysis and theater criticism with perspectives on the traditional Western canon, as well as a look at the evolving multicultural expression of theatrical art from the 20th century.

**THEA-290 DIRECTED STUDY IN THEATER 1.00-3.00 Credits**

**THEA-291 WORKSHOP IN THEATER 1.00-3.00 Credits**

**THEA-292 SPECIAL TOPICS IN THEATER 1.00-3.00 Credits**

**THEA-294 INTERNSHIP IN THEATER 1.00-12.00 Credits**

**THEA-295 PRACTICUM IN THEATER 1.00-3.00 Credits**

**THEA-306 PLAYWRITING 3.00 Credits**

Playwriting is dedicated to the dramatist's processes. Students will learn to write plays by writing plays and analyzing the plays of others. The primary goal of the course is to encourage students to write quickly, fluidly, and fearlessly. Students will write several short plays, which will be revised and over the course of the semester. The emphasis is on experimentation and process. Pre-requisite: ENGL-101. Cross-listed with COMM-306 and ENGL-306.

**THEA-310 LIGHT AND SET DESIGN 3.00 Credits**

Theory and practice in set and light design for theater and television.

**THEA-311 THEATER PRODUCTION 1.00-3.00 Credits**

Laboratory projects coordinated with productions. Covering the areas of acting, makeup, costume, stage management, publicity, set construction, painting, and stage lighting. A maximum of 12 credits at the two levels may be counted toward graduation.

**THEA-312 THEATRE PRODUCTION 1.00-3.00 Credits**

Students can choose from a variety of laboratory projects coordinated with theatrical productions covering the areas of acting, makeup, costume, stage management, publicity, set construction, painting, and stage lighting. At the 312 level students will take on a training and supervisory role in their chosen laboratory project. A maximum of 12 credits at the two levels may be counted towards degree completion.

**THEA-315 ADVANCED PERFORMANCE 3.00 Credits**

Offers an advanced study of various exercises, improv, and scenes along with a technique used to build a character for the stage or screen. Also includes a section on Reader's Theater. Pre-requisite: THEA 215.

**THEA-322 SHAKESPEARE 3.00 Credits**

Introduction to selected major plays and sonnet sequences, with attention to the skills of close reading and analysis, historical significance and setting, and approaches to teaching and presentation. Texts include comedies, histories, tragedies, and sonnets. Pre-requisite: ENGL-102 or ENGL-109. Cross-listed with ENGL-320.

**THEA-325 SHAKESPEARE & FILM 2.00 Credits**

This course is a study of film adaptations of Shakespeare's plays, ranging from classics to contemporary projects. Approaches include comparative analysis, reception history, film and theatre history, critical theory, and close reading. Pre-requisite: ENGL-102 or ENGL-109. Cross-listed with ENGL-325.

**THEA-370 DRAMATIC LITERATURE 3.00 Credits**

Critical and historical approaches to drama as a genre. Includes close reading and discussion of several major plays and a survey of other plays, the Poetics of Aristotle, and selected manifestoes and critical theories. Typical plays to be analyzed are Oedipus Rex, Lysistrata, The Second Shepherd's Play, Othello, Tartuffe, The Rivals, Pygmalion, and Death of a Salesman. Writing integrated. Pre-requisite: ENGL-102 or ENGL-109. Cross-listed with ENGL-370.

**THEA-390 DIRECTED STUDY IN THEATER 1.00-3.00 Credits****THEA-392 SPECIAL TOPICS IN THEATER 1.00-3.00 Credits****THEA-395 PRACTICUM IN THEATER 1.00-3.00 Credits****THEA-406 ADVANCED PLAYWRITING 3.00 Credits**

Playwriting is dedicated to the dramatist's processes. Based on the work from THEA-306, students will continue to develop their skills by learning to write 1-act and full-length plays by writing plays and analyzing the plays of others. The primary goal of the course is to encourage students to write quickly, fluidly, and fearlessly. Students will write several plays, which will be revised over the course of the semester. The emphasis is on experimentation and process. Cross-listed with COMM-406 and ENGL-406. Pre-requisite: THEA-306.

**THEA-480 DIRECTING 3.00 Credits**

Basic theory and techniques of stage directing with emphasis on interpretation of the play and staging of it from selection to performance. Includes the direction of scenes and one-act plays.

**THEA-490 DIRECTED STUDY IN THEATER 1.00-3.00 Credits****THEA-491 WORKSHOP IN THEATER 1.00-3.00 Credits****THEA-492 SPECIAL TOPICS IN THEATER 1.00-3.00 Credits****THEA-495 PRACTICUM IN THEATER 1.00-3.00 Credits**

## Welding Technology (WLDTTC)

### Courses

**WLDTTC-115 BASIC WELDING PROCEDURES 7.00 Credits**

This class designed to introduce the beginning student to the welding industry with emphasis on safe working procedures and basic skills development. Students will receive instruction in SMAW (Shielded Metal Arc Welding, commonly called "stick welding"), as well as MIG (Metal Inert Gas, commonly called "wire-feed" welding). Students will also receive instruction in Oxygen/ Acetylene cutting of ferrous metals.

**WLDTTC-116 ADVANCED WELDING PROCEDURES 7.00 Credits**

This class provides instruction and exercises to build students' skills in MIG welding. Students will receive instruction in MIG welding (Metal Inert Gas, commonly called "wire-feed welding") in all positions.

**WLDTTC-120 INTRODUCTION TO WELDING 1.00-3.00 Credits**

This course helps the student develop confidence and skills in the fundamentals of basic welding concepts. This involves welding with the SMAW and GMAW processes, gas welding, brazing, and flame cutting.

**WLDTTC-150 WELDING POWER SOURCES 2.00 Credits**

Introduces various basic power sources used in welding industry. Students learn construction of power sources, how to obtain optimum performance from a power source, and how to troubleshoot a power source. Cross-listed with IMMTI-150.

**WLDTTC-151 WELDING CODES FOR CERTIFICATIONS 1.00-2.00 Credits**

Teaches working knowledge of various welding codes and welder certifications in common use in industry today. Students work from the AWS D1.1 to write a welding procedure qualification record, a prequalified welding procedure, a welding procedure specification, and a welder qualification record form. This will also assist student to take the Associate Certified Welding Inspector Exam.

**WLDTTC-152 QUALITY CONTROL FOR WELDING INSPECTION 1.00-2.00 Credits**

Introduces students to quality control and inspection techniques common in industry. Quality assurance and quality control are covered from employer and employee points of view. Weld inspection is approached through destructive and non-destructive methods as prescribed in AWS D1.1, Unit 6.

**WLDTC-153 BASIC ACETYLENE WELDING LAB 4.00 Credits**

Shop practice in basic oxygen acetylene welding.

**WLDTC-155 BASIC WELDING PROCESSES LAB 7.00 Credits**

To develop employable skills for combination welder (DOT 812.844). This involves welding with the SMAW and GMAW process in all positions, single and multi-pass. Includes gas welding, brazing and flame cutting. Cross-listed with IMMTI-155.

**WLDTC-155A SMAW PRACTICAL 4.00 Credits**

SMA welding to include fillet and groove welds in all positions to the AWS standards. Successfully completing this course may lead to certification.

**WLDTC-155B BASIC OXYACETYLENE AND GMAW 3.00 Credits**

To develop employable skills for combination welder (DOT 812.844). Lab practice in basic oxyacetylene welding and cutting and basic gas metal arc welding. Application of SMAW learned in WLDTC-155A SMAW Practical. Pre-requisite: WLDTC-155A.

**WLDTC-156 BASIC SMAW LAB 4.00-8.00 Credits**

Weld with the SMAW process in all positions on mild steel using AC and DC equipment.

**WLDTC-157 BASIC GMAW LAB 4.00-8.00 Credits**

Weld with the GMAW and FCAW processes in all positions, single and multi pass.

**WLDTC-158 ADVANCED SMAW LAB 4.00-8.00 Credits**

Weld with the SMAW process in all positions using DC welding equipment. Obtain certifiable skills on a plate of unlimited thickness.

**WLDTC-159 BASIC GTAW LAB 4.00-8.00 Credits**

Weld with the GTAW process on thin gauge mild steel, stainless steel, and aluminum using both DC and AC equipment.

**WLDTC-160 MATHEMATICS I 1.00-2.00 Credits**

Working knowledge of basic mathematics as applied in the welding industry.

**WLDTC-161 WELDING PROCESSES AND APPLICATIONS 1.00-2.00 Credits**

Explores various welding and cutting processes commonly used in industry and provides students with a basic understanding of the principles involved.

**WLDTC-162 METALLURGY 1.00-2.00 Credits**

Introduces basic metallurgy and gives working knowledge of problems that occur as a result of heating and cooling metal when using the various welding processes.

**WLDTC-165 ADVANCED WELDING PROCESSES 7.00 Credits**

To further develop employable skills for arc welder (DOT810.884) and combination line welder (DOT 812.844). This involves welding with the SMAW process in all positions, single and multi-pass, using DC equipment and covered electrodes. Covers welding with the GTAW process on thin gauge mild steel, stainless steel, and aluminum in all positions using both direct and alternating current. Pre-requisite: IMMTI-155. Cross-listed with IMMTI-165.

**WLDTC-190 DS:WELDING TECHNOLOGY 1.00-8.00 Credits**

Individual instruction and self-study established to meet specific training objectives. May be repeated. Credits earned may not be directly applicable to degree or certificate.

**WLDTC-192 SPECIAL TOPICS IN WELDING TECHNOLOGY 1.00-12.00 Credits**

**WLDTC-250 DRAFTING AND PIPEFITTING 1.00-2.00 Credits**

Basic fundamentals of drafting as used in welding trade. Pipefitting section enables students to do basic layout of pipe, figure offsets, runs, and travel distances, and give practical experience in fitting and welding branches or laterals, and blanking off pipe.

**WLDTC-251 BLUEPRINT READING 2.00 Credits**

To give the student a basic working knowledge of blue print reading as it applies in today's welding/millwright industries. This includes welding symbols, nondestructive testing symbols, and methods of dimensioning drawings. Pre-requisite: MTHPT-137. Cross-listed with IMMTI-251.

**WLDTC-252 HEAT TREATMENT 1.00-2.00 Credits**

Acquaints students with various industrial heat treatment processes and their applications in industry. Teaches in-depth, the properties and strengths of metals in fabrication and technology.

**WLDTC-254 PIPE WELDING:SMAW LAB 1.00-7.00 Credits**

Develops skills for the welder portion of Pipe Fitter. Involves welding with the SMAW process on mild steel, multi-pass, using E6010 and E7018 electrodes. Welds are performed in the 2G, 5G, and 6G positions. Covers both uphill and downhill techniques.

**WLDTC-256 SMAW UPHILL PIPE LAB 4.00-8.00 Credits**

Weld pipe in all positions using SMAW process and uphill technique to conform to ASME Section IX.

**WLDTC-257 SMAW DOWNHILL PIPE LAB 4.00-8.00 Credits**

Weld pipe in all positions using SMAW process and downhill technique to conform to API standard 1104.

**WLDTC-258 BASIC ALUMINUM WELDING LAB 4.00-8.00 Credits**

Weld aluminum using GTAW and GMAW processes in all positions.

**WLDTC-260 MATHEMATICS II 1.00-2.00 Credits**

Gives students thorough working knowledge of basic algebra and geometry as applied in industry. Reviews and re-applies basic trigonometry as learned in previous semester course Drafting/Pipefitting.

**WLDTC-261 BENCHMARK FOR WELDERS 2.00 Credits**

Familiarizes student with basic hand and machine tools, measuring devices, and shop and tool safety. Cross-listed with IMMTI-261.

**WLDTC-262 DISTORTION CONTROL 2.00 Credits**

Trains students in the correct method of distortion control in welded fabrications. Gives basic guidance to assist student in overcoming and understanding some difficulties inherent when working metals where heat input is involved. Cross-listed with IMMTI-262.

**WLDTC-263 PIPE WELDING GMAW LAB 4.00 Credits**

Develops skills for the welder portion of Pipe Fitter I. Involves welding with the GMAW process on mild steel, multi-pass, using small diameter wire and short circuit transfer in the 2G, 5G, and 6G positions. Covers both uphill and downhill techniques.

**WLDTC-264 PIPE WELDING GTAW LAB 1.00-7.00 Credits**

Develops employable skills in the gas tungsten arc welding portion of Pipe Fitter I. Involves welding with GTAW process on small diameter thin wall pipe and tubing in all positions. High pressure pipe welding using GTAW on root pass with E7018 fill and cover passes is covered.

**WLDTC-266 PROJECT WELDING FROM DRAWING LAB 4.00 Credits**

Shop practice in project welding from drawings using all methods and materials.

**WLDTC-270 DIRECTED WELDING PROJECTS 1.00-8.00 Credits**

This course is designed for students who desire to specialize in one field of the welding industry. The student will learn how to safely operate and optimize the performance of various welding machines and how to operate welding shop equipment. They will also acquire additional knowledge of welding theory concerning specific processes or applications, and welding skills appropriate to the area of interest. Cross-listed with IMMTI-270.

**WLDTC-270A WELDING SAFETY 2.00 Credits**

The student will identify lab organization and safety procedures, demonstrate applied leadership skills and abilities, demonstrate and identify hand tools and their proper usage. The student will also demonstrate and identify power tools and equipment including their proper usage and maintenance.

**WLDTC-271 WELDING SAFETY 2.00 Credits**

The student will identify lab organization and safety procedures, demonstrate applied leadership skills and abilities, demonstrate and identify hand tools and their proper usage. The student will also demonstrate and identify power tools and equipment including their proper usage and maintenance.

**WLDTC-290 DIRECTED STUDY IN WELDING TECHNOLOGY 1.00-8.00 Credits****WLDTC-292 DIRECTED SPECIAL PROJECTS 1.00-8.00 Credits****WLDTC-294 INTERNSHIP IN WELDING TECHNOLOGY 1.00-8.00 Credits**

Advanced on-the-job training in welding.

**WLDTC-366 PROJECT WELDING FROM DRAWING LAB 4.00 Credits**

Shop practice in project welding from drawings using all methods and materials.

**WLDTC-370 DIRECTED WELDING PROJECTS 1.00-8.00 Credits**

This course is designed for students who desire to specialize in one field of the welding industry. The student will learn how to safely operate and optimize the performance of various welding machines and how to operate welding shop equipment. They will also acquire additional knowledge of welding theory concerning specific processes or applications, and welding skills appropriate to the area of interest.

**WLDTC-390 DIRECTED STUDY IN WELDING TECHNOLOGY 1.00-8.00 Credits****WLDTC-394 INTERNSHIP IN WELDING TECHNOLOGY 1.00-8.00 Credits**

Advanced on-the-job training in welding.

**WLDTC-494 INTERNSHIP IN WELDING TECHNOLOGY 12.00 Credits**

Advanced on-the-job training in welding.

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