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 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 LC State or an accredited university or college.
2. Submission of completed application to the Nursing & Health Sciences Division. See the NHS Division website (www.lcsc.edu/nursing (http://www.lcsc.edu/nursing/)) for admission criteria (TOEFL, GPA, entrance test, prerequisite, and support coursework) and deadlines. A non-refundable fee must accompany the application. Admission is competitive, with a limited number of seats each year.
3. Transfer students may be asked to 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
Written Communication		
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-137	ALGEBRA, TRIG AND STAT WITH APPLICATION	
MATH-140	ALGEBRAIC REASONING AND PROBLEM-SOLVING	
MATH-143	PRECALCULUS I: ALGEBRA	
MATH-147	PRECALCULUS	
MATH-153	STATISTICAL REASONING	
MATH-160	BRIEF CALCULUS	
MATH-170	CALCULUS I	
MATH-254	STATISTICAL METHODS	

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 two courses from two different categories (Literature, Arts, Language).		6.00-7.00
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		
BIOL-227	HUMAN ANATOMY AND PHYSIOLOGY I	4.00
CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY	4.00
Social & Behavioral Ways of Knowing		
Select two courses from two different 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 (*)	
or SS-184	DIVERSITY IN ORGANIZATIONS	
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	
or 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	
Global Perspectives		
Select one of the following:		3.00-4.00
Courses above designated with an asterisk (*) are eligible to fulfill the Global Perspectives requirement. Please note that an asterisked course may not be used to satisfy more than one core requirement.		
ANTH-360	RACE AND ETHNICITY	
COMM-345	INTERCULTURAL COMMUNICATION	
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE	
ID-300C	ETHICS AND IDENTITY	
KIN-220	SOCIAL-CULTURAL ASPECTS OF SPORTS	
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	
Total Credits		**38.00-42.00**

Program Requirements

Code	Title	Credits
Support Courses		
BIOL-228	HUMAN ANATOMY AND PHYSIOLOGY II	4.00
Major Requirements		
RS-201	MEDICAL TERMINOLOGY FOR RADIOGRAPHERS	1.00
RS-220	PATIENT CARE IN RADIOGRAPHY	3.00
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
Total Credits		**60.00**

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
First Year		
Fall		
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
	Credits	**16.00**
Spring		
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
	Credits	**17.00**
Second Year		
Fall		
CORE	Social & Behavioral Ways of Knowing	3.00
RS-201	MEDICAL TERMINOLOGY FOR RADIOGRAPHERS	1.00
RS-220	PATIENT CARE IN RADIOGRAPHY	3.00
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
	Credits	**14.00**
Spring		
CORE	Global Perspectives	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
	Credits	**17.00**
Summer		
RS-261	APPLIED RADIOGRAPHY I	8.00
	Credits	**8.00**
Third Year		
Fall		
CORE	Integrative Seminar: Ethics & Values	3.00
RS-358	SPECIAL PROCEDURES II	1.00
RS-362	APPLIED RADIOGRAPHY II	10.00
	Credits	**14.00**
Spring		
RS-355	REGISTRY REVIEW	2.00
RS-363	APPLIED RADIOGRAPHY III	10.00
	Credits	**12.00**
	Total Credits	**98.00**

https://youtu.be/yGieTgpDy0Y?si=ANvT2hOZT1Z7Ojx7 (https://youtu.be/yGieTgpDy0Y/?si=ANvT2hOZT1Z7Ojx7)

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