

EARTH SCIENCE: SECONDARY EDUCATION BA/BS

The Teacher Education program prepares candidates for certification in grades K-12. The Secondary Education program requires 28 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 LCSC 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

For advising purposes, Secondary Teacher Education candidates must have two advisors; one for their academic major and one for teacher certification.

General Education Core

Code	Title	Credits
Written Communication		
Select one of the following:		6.00
ENGL-101 & ENGL-102	COLLEGE WRITING and RESEARCH WRITING	
ENGL-109	COLLEGE WRITING AND RESEARCH	
Oral Communication		
Select one of the following:		3.00
COMM-101	PRINCIPLES OF SPEECH	
COMM-202	INTERPERSONAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
Mathematical Ways of Knowing		
MATH-170	CALCULUS I	4.00
Humanistic & Artistic Ways of Knowing		
Select one of the following:		3.00
ENGL-150	INTRODUCTION TO LITERATURE	
ENGL-257	WORLD CLASSICS	
ENGL-258	INTERNATIONAL LITERATURE	
Select one of the following:		3.00
ART-100	SURVEY OF 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	
Scientific Ways of Knowing		
CHEM-111	PRINCIPLES OF CHEMISTRY I	4.00
PHYS-111	GENERAL PHYSICS I	4.00
or PHYS-211	ENGINEERING PHYSICS I	
Social & Behavioral Ways of Knowing		
PSYC-205	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 AND THEORY OF MACROECONOMICS	
ECON-202	PRINCIPLES AND THEORY OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	HISTORY OF CIVILIZATION	
HIST-102	HISTORY OF CIVILIZATION	
HIST-111	UNITED STATES HISTORY TO 1865	
HIST-112	UNITED STATES HISTORY SINCE 1865	
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 PSYCHOLOGY	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SOC-102	CURRENT 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	COMMUNICATION AND DIVERSITY	
ENGL-258	INTERNATIONAL LITERATURE	
ENGL-474	NATIVE AMERICAN WRITTEN LITERATURE	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	HISTORY OF CIVILIZATION	
HIST-102	HISTORY OF CIVILIZATION	
HIST-111	UNITED STATES HISTORY TO 1865	
HIST-112	UNITED STATES HISTORY SINCE 1865	
HRPT/SS-184	DIVERSITY IN ORGANIZATIONS	
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	BEGINNING SPANISH I	
SPAN-102	BEGINNING 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 - 300V (see course descriptions for options)	
ID-301A HELLS CANYON INSTITUTE	
Foreign/Heritage Language	
Take 16 credits if selecting Bachelors of Arts degree	16.00
Total Credits	39.00

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
Earth Science Program		
CHEM-112	PRINCIPLES OF CHEMISTRY II	4.00
GEOL-100	ENVIRONMENTAL EARTH SCIENCE	4.00
GEOL-120	INTRODUCTION TO EARTH SYSTEMS	4.00
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
PHYS-205	DESCRIPTIVE ASTRONOMY	4.00
PHYS-112	GENERAL PHYSICS II	4.00
or PHYS-212	ENGINEERING PHYSICS II	
Selectives		
Select 8 credits from any GEOL or GIS courses numbered 200 or higher ¹		8.00
General Electives		
Select 7 general elective credits		7.00
Secondary Education Certificate		
See Secondary Education Certificate Requirements below		
Total Credits		50.00

¹ 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
Phase I - Professional Foundations of Education		
ED-214	PRINCIPLES OF EDUCATION ¹	3.00
ED-224	MEDIA & TECH FOR DIGITAL WORLD	2.00
ED-318	ASSESSMENT OF LEARNING ¹	3.00
ED-321	EDUCATIONAL PSYCHOLOGY ¹	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
Phase II - Professional Studies in Education		
ED-424	MEDIA & TECHNOLOGIES FOR TEACHING, K-12	2.00
ED-445	INSTRUCTIONAL STRATEGIES AND CLASSROOM MANAGEMENT, 6-12	3.00
ED-449	TEACHING METHODS IN THE CONTENT AREA	3.00
RE-422	READING IN THE CONTENT AREA K-12	3.00
Phase III - Instructional Methods in Education		
ED-452	INTERNSHIP SEMINAR	1.00

ED-460	PROFESSIONAL INTERNSHIP IN EDUCATION 6-12	12.00
Total Credits		41.00

¹ 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.

Summary

Code	Title	Credits
	General Education Core	39
	Earth Science Program	35
	General Electives	7
	Science Electives	8
	Secondary Education	41
Total		130