

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
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-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 ¹
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
Major Courses		
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		
Electives		
Select 31 elective credits		31.00
Total Credits		91.00

Sequential Plan of Study

Course	Title	Credits
First Year		
Fall		
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
Credits		16.00
Spring		
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
Credits		16.00
Second Year		
Fall		
CORE	Mathematical Ways of Knowing	3.00
CORE	Diversity	3.00
NS	Natural Science Course ¹	3.00
NS	Natural Science Course ¹	3.00
NS	Natural Science Course ¹	3.00
Credits		15.00
Spring		
CORE	Scientific Ways of Knowing	4.00
CORE	Integrative Seminar: Ethics & Values	3.00
NS	Natural Science Course ¹	3.00
NS	Natural Science Course ¹	3.00
Elective	Elective Credits	3.00
Credits		16.00
Third Year		
Fall		
NS	Natural Science Course ¹	3.00
NS	Natural Science Course ¹	3.00
NS	Natural Science Course 300/400 Level ¹	3.00
NS	Natural Science Course 300/400 Level ¹	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
Credits		18.00
Spring		
NS	Natural Science Course ¹	3.00
NS	Natural Science Course ¹	3.00
NS	Natural Science Course ¹	3.00
NS	Natural Science Course 300/400 Level ¹	3.00
Elective	Elective Credits	4.00
Credits		16.00
Fourth Year		
Fall		
NS	Natural Science Course 300/400 Level ¹	3.00

NS	Natural Science Course 300/400 Level ¹	3.00
NS	Natural Science Course 300/400 Level ¹	3.00
NS	Natural Science Course 300/400 Level ¹	3.00
Elective	Elective Credits	4.00
Credits		16.00
Spring		
NS	Natural Science Course 300/400 Level ¹	3.00
NS	Natural Science Course 300/400 Level ¹	3.00
NS	Natural Science Course 300/400 Level ¹	3.00
Elective	Elective Credits	3.00
Elective	Elective Credits	3.00
Credits		15.00
Total Credits		128.00

¹ 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.