

General Education

Foundations: (13 Credits)

Oral Communication (3 Credits)

Written Communication (3 Credits)

ENGL 1200 College Composition

Quantitative Reasoning (4 Credits)

Math 1410 Precalculus

Technological Literacy (3 Credits)

GGIS 1210 Mapping our Environment

Discoveries: (Credits 30)

Art/Humanities (10 Credits)

Social Sciences (9 Credits)

GEOG 1050 People and the Planet: Geography in a Changing World

Natural Sciences & Technology (11 Credits)

Chem 1108 General Chemistry I

GEOL 1500 Dynamic Earth

Wellness & Personal Health: (3 Credits)

Competencies:

Quantitative Applications

Applied Methodologies

Intercultural Fluency

Ethical Reasoning

Information Literacy

Writing Intensive

Keystone Experience

Program Requirements

Required Major Courses: (17 Credits)

BIOL 1400 Intro to Ecology and Evolution

BIOL 1700 Organismal Biology

ATMS 1500 Environmental Atmospheric Sciences

GGIS 2100 Geographic Informational Systems

STAT 2020 Elements of Statistics

Required Concentration Courses: (26 Credits)

GEOL 2010 Principles of Earth History

GEOL 3010 Professional Development for Geologists

GEOL 3250 Quantitative Skills in Geology

GEOL 3030 Hydrology

GEOL 3300 Introduction to Mineralogy and Petrology

GEOL 4100 Field Methods in Geology

GEOL 4300 Structural Geology

GEOL 4200 Sedimentology and Stratigraphy

Major Electives: (13 Credits)

Any courses 3000 or above from ATMS, BIOL, FWSC, GEOL, GEOG, GGIS, PLE

Free Electives: (18 Credits)

Suggested Four Year Course Sequence

Year 1

Fall Semester

GEOL 1500: Dynamic Earth
GGIS 1210: Mapping our Environment
ENGL 1200: Eng. Composition
Any Communications Course
Any Discoveries Course

Spring Semester

GEOL 2010: Earth History
GEOG 1050: People and the Planet
MATH 1410: Precalculus
Any Wellness or Discoveries Course
Any Discoveries Course

Year 3

Fall Semester

GEOL 3XXX: Geology Requirement
GEOL XXXX: Major Elective
BIOL 1400: Intro to Ecology and Evolution
GGIS 2100: GIS
Any Discoveries Course

Spring Semester

GEOL 4XXX: Geology Requirement
GEOL XXXX: Major Elective
BIOL 1700: Organismal Biology
STAT 2020: Statistics
Any Discoveries Course

Year 2

Fall Semester

GEOL 3XXX: Geology Requirement
GEOL 3010: Prof. Dev. for Geologists
GEOL XXXX: Major Elective
CHEM 1108: General Chemistry I
ATMS 1500 Env. Atmospheric Science

Spring Semester

GEOL XXXX: Major Elective
GEOL XXXX: Major Elective
GEOL 3XXX: Geology Requirement
Any Discoveries Course
Free Elective

Year 4

Fall Semester

GEOL 3010: Prof. Dev. for Geologists
GEOL 4XXX: Geology Requirement
GEOL XXXX: UL Writing Intensive Course
GEOL XXXX Keystone Experience Course

Spring Semester

GEOL 4XXX: Geology Requirement
GEOL XXXX: UL Writing Intensive Course
GEOL XXX: GEOL Related Elective
Any Discoveries Course
Free Elective

