

General Education

Foundations: (13 Credits)

Oral Communication: (3 Credits)

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Quantitative Reasoning: (3-4 Credits)

☐ MATH 2320 Essentials of Calculus

☐ Or MATH 2410 Calculus I

Technological Literacy: (3 Credits)

☐ GGIS 2100 Geographic Information Systems

Written Communication: (3 Credits)

☐ ENGL 1200 College Composition

Discoveries: (28 Credits)

At least two (2) disciplines must be represented within each of the three (3) categories.

Art/Humanities: (9 Credits)

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Natural Sciences & Technology: (10 Credits)

☐ CHEM 1108 General Chemistry I

☐ PHYS 1500 General Physics I

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Social Sciences: (9 Credits)

☐ GEOG 1050 People & the Planet: Introduction to Sustainability

☐ Or GEOG 1110 World Geography

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Elective/Wellness & Personal Health: (3 Credits)

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Competencies:

Applied Methodologies

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Ethical Reasoning

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Information Literacy

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Intercultural Fluency

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Keystone Experience

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Quantitative Applications

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Writing Intensive

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Program Requirements

Required Major Courses: (15 Credits)

☐ BIOL 1400 Introduction to Ecology and Evolution

☐ GEOL 1500 Dynamic Earth

☐ ATMS 1100 Introduction to Weather and Climate

☐ STAT 2020 Elements of Statistics

Required Concentration Courses: (30 Credits)

☐ GEOL 2010 Principles of Earth History

☐ GEOL 3010 Professional Development for Geologists

☐ GEOL 3030 Hydrology

☐ GEOL 3200 Geomorphology

☐ GEOL 3250 Quantitative Skills in Geology

☐ GEOL 3310 Introduction to Mineralogy and Petrology

☐ GEOL 4100 Field Methods in Geology

☐ GEOL 4200 Sedimentology and Stratigraphy

☐ GEOL 4300 Structural Geology

☐ PHYS 1510 General Physics I Laboratory

Major Electives: (12 Credits)

☐ Any courses 3000 or above course from the following prefixes: ATMS, BIOL, FWSC, GEOL, GEOG, GGIS, PLE

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Free Electives: (19 Credits)

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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 Pre-Calculus
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 XXXX GEOL Related Elective
Any Discoveries Course
Free Elective

