

Note: For advising support only.
See catalog for full degree requirements.

Name: _____

ID#: _____

GENERAL EDUCATION

ENGLISH LANGUAGE COMPETENCE:

- English 101-Essay Writing is required of all students.

Write in/check off courses:

ENG 101 _____

ARTS & HUMANITIES:

A minimum of **five** courses totaling at least **15** credits, as follows:

- One course in Literature

(Any 200- or 300-level English course except 202, 203, 204, 208, 301, 302, 303, 304, 308, 312; FR 303 and SP 303 may also be used to fulfill this requirement)

Four courses from Arts & Humanities, including:

- One course in History. (For teacher certification, a US History course is required)
- One course in the Fine Arts (ART, FILM, MU or TAD).
- Two additional courses from Arts & Humanities:

AMST, ART, COMM, ENG, FILM, FR, GER, HIST, JRN, ML, MU, PHIL, SP, TAD or an approved interdisciplinary course (WS 201* or IDAH).

US HIST _____

SOCIAL SCIENCES:

A minimum of **four** courses totaling at least **12** credits in **three** or more of the Social Sciences disciplines: ANTH, ECON, GEOG, POSC, PSYC, SOC or an approved interdisciplinary course (WS 201* or IDSS).

(GEOG 105-Geography for Teachers -or- GEOG 204-Physical Geography is required for the major)

*WS 201 may be used once, to fulfill either an Arts & Humanities or a Social Sciences requirement.

GEOG 105 -or- 204 _____

SCIENCES/MATHEMATICS:

A minimum of **four** courses totaling at least **12** credits, as follows:

- One course in Biology.
- One course in Physical Science (ASTR, CHEM, GEOL, MET, PHYS)
- Two additional courses from Sciences/Mathematics: ASTR, BIO, CHEM, CS, ENST, GEOL, MATH, MET, PHYS or an approved interdisciplinary courses (IDSM).

(**For General Education eligible requirements for the major, see reverse side. MATH 120-Algebra&Trigonometry -or- 130-Precalculus -or- 151-Calculus I is required for the major.)

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MATH 120 -or- 130 -or- 151 _____

NOTE: Students selecting this program should be aware that satisfactory completion of all requirements, including courses in science and courses in education, is required to earn the degree.

MAJOR REQUIREMENTS

The following General Education courses are required (see reverse side): a US History course; GEOG 105 or GEOG 204; MATH 120, 130 or 151. Courses required for the Science Core of the major that may also be used to fulfill Sciences/Mathematics General Education requirements are marked (*).

SCIENCE CORE: (minimum 44 credits)

- | | |
|--|--|
| <input type="checkbox"/> ASTR 307: University Astronomy* | <input type="checkbox"/> CHEM 111: General Chemistry I* |
| -or- <input type="checkbox"/> ASTR 101: Elementary Astronomy* | & <input type="checkbox"/> CHEM 115: General Chemistry I Lab |
| <input type="checkbox"/> BIO 151: Life: Diversity* | <input type="checkbox"/> CHEM 112: General Chemistry II* |
| & <input type="checkbox"/> BIO 152: Life: Diversity Lab | & <input type="checkbox"/> CHEM 116: General Chemistry II Lab |
| <input type="checkbox"/> BIO 153: Life: Processes* | <input type="checkbox"/> MET 225: Meteorology* |
| & <input type="checkbox"/> BIO 154: Life: Processes Lab | <input type="checkbox"/> PHYS 201: Phenomenal Science* |
| <input type="checkbox"/> BIO 252: Ecology & Evolution* | <input type="checkbox"/> PHYS 210: History of Science* |
| <input type="checkbox"/> GEOL 201: Introductory Physical Geology* | |

SPECIALIZATION -or- SCIENCE MINOR: Choose one of the four options below

Specialization: (minimum 9 credits)

Three or more additional courses at the 200-level or above in one of the following areas: Biology, Chemistry or Geology

- | |
|---------------------------------------|
| <input type="checkbox"/> _____: _____ |
| <input type="checkbox"/> _____: _____ |
| <input type="checkbox"/> _____: _____ |

Science Minor: Biology: (13 credits)

Select one of the following three lecture courses:

- BIO 251: Genetics
- BIO 253: Physiology of Plants and Animals
- BIO 254: Cell Biology

Select 8 credits of 300- or 400-level Biology courses

- BIO ____: _____
- BIO ____: _____

Select one of the following three laboratory courses:

- BIO 255: Experimental Genetics
- BIO 256: Experimental Ecology & Evolution
- BIO 257: Experimental Physiology

- BIO ____: _____

Science Minor: Chemistry (15-20 credits)

- CHEM 220: Fundamental Organic Chemistry
- &** CHEM 224: Fundamental Organic Chemistry Lab
- OR-**
- CHEM 221/ CHEM 225: Organic Chemistry I & Lab
- &** CHEM 222/ CHEM 226: Organic Chemistry II & Lab

- CHEM 251/ CHEM 255: Quantitative Analysis & Lab
- Chemistry Electives: 6-7 credits at the 300- or 400-level**

- CHEM ____: _____
- CHEM ____: _____
- CHEM ____: _____

Science Minor: Geology (16-18 credits)

GEOL 202 plus four additional 300- or 400-level courses selected under advisement of Geology faculty and major advisor.

- GEOL 202: Historical Geology

- | |
|---|
| <input type="checkbox"/> GEOL ____: _____ |
| <input type="checkbox"/> GEOL ____: _____ |
| <input type="checkbox"/> GEOL ____: _____ |
| <input type="checkbox"/> GEOL ____: _____ |

EDUCATION CORE: (37 credits)

- | | |
|--|--|
| <input type="checkbox"/> ESEC 100: Introduction to Teaching | <input type="checkbox"/> ESEC 384: Methods: Middle School |
| <input type="checkbox"/> ESEC 150: Development, Exceptionality & Learning I | <input type="checkbox"/> ESEC 386: Methods: Field Experience |
| <input type="checkbox"/> ESEC 250: Development, Exceptionality & Learning II | <input type="checkbox"/> ESEC 387: Creating Social Contexts for Learning |
| <input type="checkbox"/> ESEC 282: Literacy in the Content Areas | <input type="checkbox"/> ESEC 450: Seminar: Educational Principles |
| <input type="checkbox"/> ESEC 320: Education Environments/Practices | <input type="checkbox"/> ESEC 460: Student Teaching |

ELECTIVES: Select additional courses of your choice to bring total number of credits earned to 120.