

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

Name: _____ ID#: _____

GENERAL EDUCATION (minimum 43 credits)

ENGLISH LANGUAGE COMPETENCE: (4 credits)

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

Write in courses / credits:

ENG 101 _____ / 4

ARTS & HUMANITIES:

A minimum of ~~15~~ **12** 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)
- One course in History. (For teacher certification, a US History course is required)
- ~~One course in Art, Film, Music or Theatre & Dance.~~
- Additional credits 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 ~~12~~ **9** credits in **three or more Social Sciences disciplines**: ANTH, ECON, GEOG, POSC, PSYC, SOC or an approved interdisciplinary course (WS 201* or IDSS).
(For teacher certification, a Geography course is required)

GEOG _____ / ____

_____ / ____

_____ / ____

_____ / ____

SCIENCES/MATHEMATICS:

A minimum of ~~12~~ **9** credits, as follows:

- One course in Biology.
- One course in Physical Science (ASTR, CHEM, GEOL, MET, PHYS)
- Additional credits 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.)

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

MAJOR REQUIREMENTS (55-67 credits)

Courses included in the core may apply toward the Sciences/Mathematics General Education requirements.

GENERAL SCIENCE CORE: (31-32 credits)

- | | |
|---|---|
| <input type="checkbox"/> ASTR 101: Elementary Astronomy | <input type="checkbox"/> GEOL 202: Historical Geology |
| -or- <input type="checkbox"/> ASTR 307: University Astronomy | <input type="checkbox"/> MATH 120: Applied Algebra & Trigonometry |
| <input type="checkbox"/> BIO 151/152: Life: Diversity and Lab | -or- <input type="checkbox"/> MATH 130: Precalculus |
| <input type="checkbox"/> BIO 153/154: Life: Processes and Lab | -or- <input type="checkbox"/> MATH 151: Calculus I |
| <input type="checkbox"/> BIO 252: Ecology & Evolution | <input type="checkbox"/> MET 225: Meteorology |
| <input type="checkbox"/> GEOL 201: Introductory Physical Geology | <input type="checkbox"/> PHYS 201: Phenomenal Science |

MIDDLE SCHOOL OPTION: (15 credits plus specialization or minor)

- | | |
|---|--|
| <input type="checkbox"/> CHEM 111/115: General Chemistry I and Lab | <input type="checkbox"/> MATH 141: Introductory Statistics |
| <input type="checkbox"/> CHEM 112/116: General Chemistry II and Lab | <input type="checkbox"/> PHYS 210: History of Science |

SPECIALIZATION -or- 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"/> _____: _____ |

Minor: Biology: (13 credits beyond core requirements)

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:

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

Select one of the following three laboratory courses:

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

Minor: Chemistry (15-20 credits beyond option requirements)

- CHEM 251/255: Quantitative Analysis & Lab
 - CHEM 220/224: Fundamental Organic Chemistry and Lab
- OR-**
- CHEM 221/225: Organic Chemistry I & Lab
 - CHEM 222/226: Organic Chemistry II & Lab

Chemistry Electives: 6-7 credits at the 300- or 400-level

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

Minor: Geology (16-18 credits beyond core requirements)

Select four Geology electives at the 300-level or above:

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

TEACHER CERTIFICATION REQUIREMENTS: (37 credits)

If pursuing Teacher Certification for Middle School General Science, the following courses are required.

- | | |
|--|--|
| <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.