

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).

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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)

_____ / _____

_____ / _____

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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 (IDSMS).

** _____ / _____

** _____ / _____

** _____ / _____

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(BIO 151/152-Life:Diversity w/Lab, CHEM 111/115-General Chemistry I w/Lab, CHEM 112/116-General Chemistry II w/Lab and MATH 151-Calculus I are required for the major)

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

**For General Education eligible requirements for the major, see reverse side.

NOTE: Teacher certification is in Earth Science Education, grades 7-12.

MAJOR REQUIREMENTS: 40 credits. See catalog for full degree requirements. Courses marked with an asterisk (*) may be used toward Sciences/Mathematics General Education requirements.

CORE REQUIREMENTS: 25 credits

Select one from the following:

- | | |
|--|--|
| <input type="checkbox"/> GEOL 201: Introductory Physical Geology -or- | <input type="checkbox"/> GEOL 100/101: Perspectives of Earth and Lab |
| <input type="checkbox"/> GEOL 202: Historical Geology | <input type="checkbox"/> GEOL 303: Structural Geology |
| <input type="checkbox"/> GEOL 301: Mineralogy | <input type="checkbox"/> GEOL 305: Paleontology |
| <input type="checkbox"/> GEOL 302: Petrology | <input type="checkbox"/> GEOL 306: Stratigraphy |

Select four Geology* courses at the 300 level or above: 12 credits

- GEOL _____ GEOL _____ GEOL _____ GEOL _____

*ASTR 307: University Astronomy may be used to fulfill one of these requirements.

Select one from the following:

- | | |
|---|---|
| <input type="checkbox"/> GEOG 323: Cartography and Surveying | <input type="checkbox"/> GEOG 327: Introduction to Remote Sensing |
| <input type="checkbox"/> GEOG 325: Cartography & Computer Mapping | <input type="checkbox"/> GEOL 206: Oceanography |
| <input type="checkbox"/> GEOG 326: GIS: IDRISI | <input type="checkbox"/> MET 225: Meteorology |
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RELATED REQUIREMENTS: 27 credits

- | | |
|---|--|
| <input type="checkbox"/> BIO 151/152 Life: Diversity and Lab* | <input type="checkbox"/> CHEM 111/115: General Chemistry I and Lab* |
| <input type="checkbox"/> MATH 151: Calculus I* | <input type="checkbox"/> CHEM 112/116: General Chemistry II and Lab* |

Select one of the following two-semester sequences:

- PHYS 141: College Physics I* **-and-** PHYS 142: College Physics II*
 PHYS 241: University Physics I* **-and-** PHYS 242: University Physics II*

Select one from the following:

- MATH 141: Introductory Statistics* MATH 152: Calculus II* CS _____ (elective)

TEACHER CERTIFICATION REQUIREMENTS: Earth Science Education (Grades 7-12) certification

- ESEC 100: Introduction to Teaching
- ESEC 150: Development, Exceptionality & Learning I
- ESEC 250: Development, Exceptionality & Learning II
- ESEC 282: Literacy in Content Areas
- ESEC 320: Education Environments/Practices
- ESEC 385: Methods: Secondary
- ESEC 386: Methods: Field Experience
- ESEC 450: Seminar: Education Principles
- ESEC 460: Student Teaching

Although not required, ESEC 387: Creating Social Contexts for Learning, is highly recommended.

ELECTIVES: Select additional courses of your choice to bring total number of credits earned to 126.