

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** 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.
- 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** credits in **three** or more Social Sciences disciplines: ANTH, ECON, GEOG, POSC, PSYC, SOC or an approved interdisciplinary course (WS 201* or IDSS).

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SCIENCES/MATHEMATICS:

A minimum of **12** 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).

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(PHYS 241-University Physics I and CS 140-Computer Programming 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: 47 credits See catalog for complete degree requirements.

Note: Courses marked with asterisks** can be used toward the Sciences/Mathematics component of the General Education requirements.

MATH/PHYSICS REQUIREMENTS:

- | | |
|--|--|
| <input type="checkbox"/> CS 140: Computer Programming I** | <input type="checkbox"/> PHYS 241: University Physics I** |
| <input type="checkbox"/> MATH 151: Calculus I | <input type="checkbox"/> PHYS 242: University Physics II |
| <input type="checkbox"/> MATH 152: Calculus II | <input type="checkbox"/> PHYS 245: University Physics III |
| <input type="checkbox"/> MATH 251: Calculus III | <input type="checkbox"/> PHYS 260: Electronics |
| <input type="checkbox"/> MATH 231: Linear Algebra | <input type="checkbox"/> PHYS ____: 300-level or higher Physics Elective |
| <input type="checkbox"/> MATH 361: Differential Equations | <input type="checkbox"/> PHYS ____: 300-level or higher Physics Elective |
| <input type="checkbox"/> MATH 468: Introduction to Applied Mathematics | |
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REQUIRED SCIENCE SEQUENCE:

Select one of the following eight-credit sequences:

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1. BIO 151/152: Life: Diversity and Lab** **-and-**
 BIO 153/154: Life: Processes and Lab**
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-or-

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2. CHEM 111/115: General Chemistry I and Lab** **-and-**
 CHEM 112/116: General Chemistry II and Lab
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-or-

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3. GEOL 201: Introductory Physical Geology** **-and-**
 GEOL 202: Historical Geology
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ELECTIVES: Select additional courses of your choice to bring total number of credits earned to 126.