

*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** 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:**

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|---|--|
| <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: Intro 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-**  
 CHEM 112/116: General Chemistry II
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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.