

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).

(For elementary certification, a course in Art and a course in Music are required)

\_\_\_\_\_

US HIST \_\_\_\_\_

ART \_\_\_\_\_

MU \_\_\_\_\_

\_\_\_\_\_

### 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)

GEOG 105 -or- 204 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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

### 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 171-Structure of Number Systems, and MATH 172-Application of Number Systems are required for the major.)

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MATH 171 \_\_\_\_\_

MATH 172 \_\_\_\_\_

**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; a course in Art; a course in Music; GEOG 105 or GEOG 204; MATH 171 and MATH 172. Courses required for the Science Core of the major that may also be used to fulfill Sciences/Mathematics General Education requirements in Biology (\*) and Physical Science (\*\*) are marked below.

### SCIENCE CORE: (37 credits)

- |   |  |
|---|--|
| <input type="checkbox"/> ASTR 307: University Astronomy**                     | <input type="checkbox"/> GEOL 201: Introductory Physical Geology** |
| <b>-or-</b> <input type="checkbox"/> ASTR 101: Elementary Astronomy**         | <input type="checkbox"/> MATH 120: Algebra & Trigonometry          |
| <input type="checkbox"/> BIO 151: Life: Diversity*                            | <b>-or-</b> <input type="checkbox"/> MATH 130: Precalculus         |
| <b>&amp;</b> <input type="checkbox"/> BIO 152: Life: Diversity Lab            | <b>-or-</b> <input type="checkbox"/> MATH 151: Calculus I          |
| <input type="checkbox"/> BIO 153: Life: Processes*                            | <input type="checkbox"/> MET 225: Meteorology**                    |
| <b>&amp;</b> <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"/> IDSM 301: The Web of Science I            |
| <input type="checkbox"/> CHEM 103: Fundamentals of Chemistry**                | <input type="checkbox"/> IDSM 302: The Web of Science II           |
| <b>&amp;</b> <input type="checkbox"/> CHEM 107: Fundamentals of Chemistry Lab |  |

### OPTIONAL SCIENCE MINOR: Choose one of the following two options

#### 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

- GEOL \_\_\_\_: \_\_\_\_\_  
 GEOL \_\_\_\_: \_\_\_\_\_  
 GEOL \_\_\_\_: \_\_\_\_\_  
 GEOL \_\_\_\_: \_\_\_\_\_

#### Biology: (13 credits)

Select 1 of the following 3 lecture courses:

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

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

- BIO \_\_\_\_: \_\_\_\_\_  
 BIO \_\_\_\_: \_\_\_\_\_

Select 1 of the following 3 laboratory courses:

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

- BIO \_\_\_\_: \_\_\_\_\_

### EDUCATION CORE: (40 credits)

- |   |   |
|---|---|
| <input type="checkbox"/> ESEC 100: Introduction to Teaching           | <input type="checkbox"/> ESEC 383: Elementary Methods (K-8)             |
| <input type="checkbox"/> ESEC 150: Dev., Exceptionality & Learning I  | <input type="checkbox"/> ESEC 386: Methods: Field Experience            |
| <input type="checkbox"/> ESEC 250: Dev., Exceptionality & Learning II | <input type="checkbox"/> ESEC 387: Creating Social Context for Learning |
| <input type="checkbox"/> ESEC 281: Emerging/Evolving Literacy         | <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.