

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. (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** 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** 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 teacher certification, a Geology course and PHYS 210-History of Science are required)

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\*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.

**MAJOR REQUIREMENTS: 65 credits.** See catalog for full degree requirements. Courses marked with an asterisk (\*) may apply toward Sciences/Mathematics component of the General Education requirements.

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**CORE REQUIREMENTS (36 credits):**

- CHEM 111/115: General Chemistry I and Lab
- CHEM 112/116: General Chemistry II and Lab
- CHEM 221/225: Organic Chemistry I and Lab
- CHEM 222/226: Organic Chemistry II and Lab
- CHEM 251/255: Quantitative Analysis and Lab
- CHEM 341/345: Physical Chemistry I and Lab
- CHEM 342/346: Physical Chemistry II and Lab
- CHEM 401/403: Biochemistry and Lab

**Chemistry Electives: 6 credits**

- CHEM \_\_\_\_\_
  - CHEM \_\_\_\_\_
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**RELATED FIELDS: 23 credits**

- BIO 153/154: Life: Processes and Lab\* ( BIO 254: Cell Biology recommended)
  - MATH 141: Introductory Statistics\*
  - MATH 151: Calculus I\*
  - MATH 152: Calculus II
  - PHYS 141: College Physics I\*
  - PHYS 142: College Physics II
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**TEACHER EDUCATION REQUIREMENTS: 34 credits**

- ESEC 100: Introduction to Teaching
- ESEC 150: Development, Exceptionality & Learning I
- ESEC 250: Development, Exceptionality & Learning II
- ESEC 282: Literacy in the 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.

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**ELECTIVES:** Select additional courses of your choice to bring total number of credits earned to 120.