

*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. (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).

\_\_\_\_\_ / \_\_\_\_\_

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

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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)

GEOG \_\_\_\_\_ / \_\_\_\_\_

\_\_\_\_\_ / \_\_\_\_\_

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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).

(Physics 241-University Physics I and CS 140-Computer Programming I are required for the major; MATH 171-Structure of Number Systems and MATH 172-Application of Number Systems are required for the major and one may be used to fulfill a General Education requirement.)

\_\_\_\_\_ / \_\_\_\_\_

PHYS 241 \_\_\_\_\_ / \_\_\_\_\_

CS 140 \_\_\_\_\_ / \_\_\_\_\_

\_\_\_\_\_ / \_\_\_\_\_

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

**MAJOR REQUIREMENTS: 78 credits** See catalog for full degree and certification requirements.

**NOTE:** CS 140: Computer Programming I and PHYS 241: University Physics I are required for the major and may be applied Sciences/Mathematics General Education requirements.

**MATH CORE REQUIREMENTS: 17 credits**

- MATH 141: Introductory Statistics (can be fulfilled by taking PSYC 251: Psychological Statistics)
- MATH 151: Calculus I
- MATH 152: Calculus II
- MATH 225: Introduction to Abstract Mathematics
- MATH 231: Linear Algebra

**ELEMENTARY MATHEMATICS EDUCATION OPTION: 24 credits**

- MATH 235: Discrete Mathematics
- MATH 275: Geometry for K-9 Teachers
- MATH 310: History of Mathematics
- MATH 475: Issues and Trends in Math Education

**Select at least one of the following:**

- MATH 320: Geometry
- MATH 331: Modern Algebra
- MATH 337: Number Theory

**Select three MATH electives at the 200/300 level (minimum 9 credits)**

- MATH \_\_\_\_\_
- MATH \_\_\_\_\_
- MATH \_\_\_\_\_

**ELEMENTARY TEACHER CERTIFICATION REQUIREMENTS: 37 credits**

(See catalog for admission criteria and full certification requirements for Elementary Education.)

In order to meet state certification requirements, courses selected within the General Education requirements must include a US History course and a Geography course. MATH 171-Structure of Number Systems and MATH 172-Application of Number Systems are required for the Elementary Education major and one may be used to fulfill General Education requirements.

- ESEC 100: Introduction to Teaching
- ESEC 150: Development, Exceptionality, and Learning I
- ESEC 250: Development, Exceptionality, and Learning II
- ESEC 281: Emerging/Evolving Literacy
- ESEC 320: Educational Environments/Practices
- ESEC 383: Elementary Methods (K-8)
- ESEC 386: Methods: Field Experience
- ESEC 387: Creating Social Contexts for Learning
- ESEC 450: Seminar: Educational Principles
- ESEC 460: Student Teaching

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