

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).

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).

(For teacher certification, a Geography course is required)

*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).

(MATH 141-Introductory Statistics is required for the major)

MATH 141 _____

Statistics competency can be met by PSYC 251-Psychological Statistics, which can then count as a Social Sciences general education requirement; another Sciences/Mathematics course would be needed to replace MATH 141.

MAJOR REQUIREMENTS: 42 credits (Plus Interdisciplinary Requirements – See Catalog)

Note: MATH 141 or PSYC 251 is required and may be used to fulfill General Education requirements.

Programming Core:

- | | |
|---|---|
| <input type="checkbox"/> CS 140: Computer Programming I | <input type="checkbox"/> CS 185 Computer Programming II |
| <input type="checkbox"/> CS 160: PC Hardware Fundamentals | <input type="checkbox"/> CS 280: Data Structures |

Capstone Course:

- CS 495: Seminar

Second Language Requirement:

See catalog for options and consult with your advisor.
_____ (Advisor's signature)

- CS _____

Four 300-level CS courses, not listed above:

- | | |
|-----------------------------------|-----------------------------------|
| <input type="checkbox"/> CS _____ | <input type="checkbox"/> CS _____ |
| <input type="checkbox"/> CS _____ | <input type="checkbox"/> CS _____ |

Two 400-level CS courses, not listed above:

- | | |
|-----------------------------------|-----------------------------------|
| <input type="checkbox"/> CS _____ | <input type="checkbox"/> CS _____ |
|-----------------------------------|-----------------------------------|

Computer Architecture Requirement:

See catalog for options and consult with your advisor.
_____ (Advisor's signature)

- _____

Supervised Field Experience Requirement:

(minimum of three credits required)

- CS 293 _____ and/or CS 493 _____

INTERDISCIPLINARY REQUIREMENTS: Select one of the following three options.

1. Applied Computer Science (18 credits)

- MATH 120: Algebra & Trigonometry *(Higher level mathematics courses may be substituted)*

Computer content-related courses (9 cr)

- _____ *(Select three courses in any one non-CS discipline including no more than one introductory course)*

- _____

Two advanced courses (6 credits)

- _____ *(Select two courses in any one non-CS discipline in consultation with your faculty advisor)*

- _____ (Advisor's signature)

2. Dual Major: Select one (credits vary)

- Early Childhood Education Option
 Elementary Education Option
 Secondary Special Education
- See catalog for full requirements*
(Note: completion of student teaching is not required to satisfy requirements for the ACS major, but is required for certification in Education.)

3. Teacher Certification (28 credits)

- | | |
|---|---|
| <input type="checkbox"/> ESEC 100: Introduction to Teaching | <input type="checkbox"/> ESEC 387: Creating Social Context for Learning |
| <input type="checkbox"/> ESEC 150: Dev, Exceptionality & Learning I | <input type="checkbox"/> ESEC 450: Seminar – Educational Principles |
| <input type="checkbox"/> ESEC 250: Dev, Exceptionality & Learning II | <input type="checkbox"/> ESEC 465: Student Teaching (Elementary) |
| <input type="checkbox"/> ESEC 320: Educational Environments/Practices | <input type="checkbox"/> ESEC 465: Student Teaching (Secondary) |

For Teacher Certification, please note these specific major requirements:

- CS 161-Microcomputer Systems (1 credit) must be added to the Programming core.
- CS 305-Computer Usage in Educational Settings; CS 390-Methods: Computer Education and CS 391-Methods: Field Experience (taken concurrently) must be included in the 300-level requirements).

ELECTIVES: Select additional courses of your choice to bring total number of credits to 126.