

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)

_____ / _____

_____ / _____

_____ / _____

_____ / _____

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).

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

_____ / _____

_____ / _____

_____ / _____

MATH 141 _____ / _____

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

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: 44 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.

- CS _____ *(Advisor's signature)*

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: App. Algebra & Trigonometry *(MATH 130 or MATH 151 may be substituted)*

Computer content-related courses (min. 9 cr) *(Select three courses in any one non-CS discipline including no more than one introductory course)*

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

Two advanced courses (min. 6 credits) *(Select two courses in any one non-CS discipline in consultation with your faculty advisor)*

- | | |
|--------------------------------|---|
| <input type="checkbox"/> _____ | <input type="checkbox"/> _____ <i>(Advisor's signature)</i> |
| <input type="checkbox"/> _____ | |

2. Dual Major: Select one (credits vary)

- Early Childhood Education Option
 Elementary Education Option
 Elementary 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 (29 credits)

- ESEC 100: Introduction to Teaching
 ESEC 150: Dev, Exceptionality & Learning I
 ESEC 250: Dev, Exceptionality & Learning II
 ESEC 320: Educational Environments/Practices

K-12 Computer Technology Certification

- ESEC 387: Creating Social Context for Learning
 ESEC 450: Seminar – Educational Principles
 ESEC 465: Student Teaching (Elementary)
 ESEC 465: Student Teaching (Secondary)

***For Teacher Certification, please note these specific CS course requirements:**

- CS 161-Microcomputer Systems (1 credit) must be added to CS 160 in the Programming core.
- CS 390-Methods: Computer Education and CS 391-Methods: Field Experience (taken concurrently), and CS 305-Computer Usage in Educational Settings; must be included in the 300-level courses).

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