

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.
- 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).

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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).

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PHYS 241 _____ / _____

CS 140 _____ / _____

_____ / _____

(Physics 241-University Physics I and CS 140-Computer Programming I are required for the major)

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

MAJOR REQUIREMENTS: 42 credits See catalog for full degree requirements.

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

MATHEMATICS CORE: 17 credits

- MATH 141: Introductory Statistics*
- MATH 151: Calculus I
- MATH 152: Calculus II
- MATH 225: Introduction to Abstract Math
- MATH 231: Linear Algebra

**This requirement can be fulfilled by completing PYSC 251: Psychological Statistics.*

APPLIED MATH OPTION: 25 credits

- MATH 251: Calculus III
- MATH 265: Mathematical Modeling
- MATH 331: Modern Algebra
- MATH 341: Mathematical Probability
- MATH 361: Differential Equations

Select one of the following:

- MATH 242: Applied Statistics
- MATH 260: Numerical Methods

Select two of the following:

- MATH 342: Mathematical Statistics
- MATH 453: Complex Variables
- MATH 468: Introduction to Applied Math

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