Mathematics, B.A./B.S., General Concentration
303-556-3208 Science Building 1022

This sheet applies to the 2012-13 catalog only. It does not replace the full catalog or departmental advising sheets as official statements of requirements. Students with declared majors must work with a faculty advisor on course selection and sequencing to ensure a timely graduation.

General Studies
Major courses
Minor
Electives
Total to graduate (min. 40 hrs upper division)

33 min
42
18 min
27
120 min

Students who have reached junior standing (60 hrs) should request a CAPP (graduation compliance report) and review it with a faculty advisor.

*TO BE COMPLETED WITHIN FIRST 30 COLLEGE-LEVEL CREDIT HOURS

Written Communication
___ ENG 1010 (3 hrs.) Freshman English: The Essay*
or ___ ENG 1008/1009 (6 hrs.) Freshman Comp: The Essay Part I & II*
___ ENG 1020 (3 hrs.) Freshman English: Anal., Rsrch. & Docum. (must be completed within 45 credit hours)

Quantitative Literacy*
___ MTH 1110-4 College Algebra or higher-level mathematics course

Oral Communication*
___ (3 hrs.)

Arts and Humanities
___ (3 hrs.)
___ (3 hrs.)

Historical
___ (3 hrs.)

Natural and Physical Sciences
___ (3 hrs.)
___ (3 hrs.)

Social and Behavioral Sciences I
___ (3 hrs.)

Social and Behavioral Sciences II
___ (3 hrs.)

Global Diversity
___ (3 hrs.) may be satisfied within General Studies

MAJOR CORE COURSES (Please see a Faculty Advisor)
All majors in mathematics are required to complete the following basic core of courses (with a required minimum grade of “C” in each of these courses).
___ MTH 1410 (4 hrs) Calculus I
___ MTH 2410 (4 hrs) Calculus II
___ MTH 2420 (4 hrs) Calculus III
___ MTH 3100 (3 hrs) Introduction to Mathematical Proofs

Required General Concentration Courses
___ MTH 4600 (1 crh) Seminar in Problem Solving

One of the following three courses:
___ CS 1050 (4 crh) Computer Science I
OR ___ CSS 1247 (4 crh) Introduction to Programming: Visual Basic
OR ___ CSS 1510 (4 crh) Computer Programming: FORTRAN

A minimum of 22 credit hours chosen from an approved list of courses (see Catalog).

MINOR (required)

___ - 3 Multicultural Requirement
(may be satisfied within General Studies major, minor, or elective)

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