This sheet applies to the 2010-2011 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: 54 min
- Minor courses: 18 min
- Electives: 14
- Total to graduate (min. 40 hrs upper division): 120 min

MAJOR COURSES

- MTH 1410-4 Calculus I*
- MTH 2410-4 Calculus II
- MTH 2420-4 Calculus III
- MTH 3100-3 Introduction to Mathematical Proofs
- MTH 3130 or 3140 may be substituted for MTH 2140 with faculty approval.

Probability & Statistics Emphasis

- CIS 1050-4 Computer Science I
- CSS 1247-4 Introduction to Programming: Visual Basic
- MTH 1510-4 Computer Programming: FORTRAN
- MTH 2140-2 Computational Matrix Algebra
- MTH 3210-4 Probability & Statistics
- MTH 3220-4 Design of Experiments
- MTH 3510-4 SAS Programming
- MTH 4210-4 Probability Theory (Senior Experience)
- MTH 4230-4 Applied and Computational Statistics
- MTH 4250-4 Statistical Theory
- MTH 4290-1 Senior Statistics Project

*Some sections of this course have a Mathematica component.

** MTH 3130 or 3140 may be substituted for MTH 2140 with faculty approval.

A grade of "C" or better is required in each course included in the major.

MINOR (Required)

ELECTIVES

- Composition
  - ENG 1010-3 Freshman Comp: the Essay
  - ENG 1020-3 Freshman Comp: Anal., Rsrch & Docum.

- Mathematics
  - MTH 1110-4 College Algebra or higher level math

- Communications
  - -3

- Historical
  - -3

- Arts & Letters
  - -3
  - -3

- Social Sciences
  - -3
  - -3

- Natural Sciences
  - -3
  - -3

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

- Science Building 1022

Catalog 10-11