This sheet applies to the 2011-2012 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**
- **Composition**
  - ENG 1010-3: Freshman Comp: the Essay

- **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**
  - -3

- **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

Select one of the following:
- CIS 1050-4: Computer Science I
- CSS 1247-4: Introduction to Programming: Visual Basic
- CSS 1510-4: Computer Programming: FORTRAN
- MTH 3510-4: SAS Programming

Complete all of the following:
- **MTH 2140-2: Computational Matrix Algebra**
- MTH 3210-4: Probability & Statistics
- MTH 3220-4: Design of Experiments
- 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**