

Mathematics Major Requirements

2004-05 Catalog

Core Courses

- MAT 120 Calculus I (or MAT 121 and MAT 122)
- MAT 220 Calculus II (or MAT 221 and MAT 222)
- MAT 224 Introduction to Higher Mathematics
- MAT 225 Linear Algebra
- MAT 250 Probability and Statistics I
- CSC 260, 260L Computer Programming I and Lab
- MAT 320 Multivariable Calculus

Electives: One of the following sets of courses

- Three 400 - level mathematics courses
(Suggested for students planning graduate work in mathematics)
- MAT 360, MAT 380, MAT 385
(Suggested for students with a minor or a second major in computer science)
- Three of MAT 325, MAT 330, MAT 360, MAT 430
(Suggested for students interested in engineering or physical science)
- Three of STA 314, STA 315, MAT/STA 340, STA 341
(Suggested for students interested in probability and statistics)
- MAT 300, MAT/STA 340, and either MAT 310 or MAT 410
(Required for mathematics secondary education majors)

Additional Courses

- Three additional credit hours in computer science, mathematics or statistics courses numbered above 225.

A grade of C or better is required in each course applied to the major.