

B.S. in Mathematics**Catalog: 2004-2005**

Name: _____

Phone: _____

Student ID: _____

Email: _____

Core Courses

CSC 127A _____
 124 or 125 _____
 129 _____
 223 _____

215 _____
 355 _____
 323 _____

Options**Comprehensive**

413 _____
 415A and 415B _____
 424 _____
 425A and 425B _____

Probability and Statistics

425A _____
 464 _____
 466 _____
 413 or 468 _____
 Additional 400-level course¹ _____

General and Applied

One of the following sequences:

454 and 456 _____
 464 and 466 _____
 475A and 475B _____

Both of the following:

422 _____
 485 _____
 Additional 400-level course¹ _____

Computer Science³

One of the following sequences:

415A and 415B _____
 475A and 475B _____

Two of the following four courses:

413 _____
 443 _____
 479 _____
 447 _____
 Additional 400-level course¹ _____

Economics and Finance²

425A _____
 464 _____
 410 or 413 _____
 425B or 466 or 479 _____
 Additional 400-level course¹ _____

Education⁴

362 _____
 330 _____
 315 _____
 404 _____
 407 _____
 406A and 406B _____
 STCH 250 _____
 STCH 310 _____
 LRC 435 _____
 SERP 301B _____
 STCH 494A _____

Minor:

(18 units required, including 9 upper division)

Minor Courses:

_____ _____
 _____ _____
 _____ _____

Physics or other Applied Courses: _____

For the BS degree, students must complete one of the following three sequence of courses: PHYS 131,181,132,182; PHYS 141&142 or 142; PHYS 151,152 OR six units of course work outside the Mathematics Department, approved by the major advisor and that require 124 or 125 or higher math course as a corequisite or prerequisite.

¹These 400-level courses to be selected in consultation with faculty advisor.²The economics and finance option requires a minor in economics or a thematic minor approved by the major advisor.³The computer science option requires a computer science minor.⁴The courses in teaching and learning mathematics replace the minor requirement for this option. No additional minor is required.