Bachelor of Science in Mathematics[1]   Catalog: 2011-2012

Name: _____ Student ID: _____

CORE COURSES
_____ C SC 127A or ISTA 130
_____ MATH 124 or 125
_____ MATH 129 or 250A
_____ MATH 215
_____ MATH 223
_____ MATH 355 or 250B
_____ MATH 323

OPTIONS

General/Applied*
_____ MATH 422
_____ MATH 485
One of the following sequences:
_____ MATH 454 & 456
_____ MATH 464 & 466
_____ MATH 475A & 475B
Additional 400-level course[2]
_____ MATH _____

Comprehensive*
_____ MATH 413
_____ MATH 424
_____ MATH 425A & 425B
One of the following sequences:
_____ MATH 415A & 415B
_____ MATH 454 & 456

Economics or Business[3]
_____ MATH 425A
_____ MATH 464
_____ MATH 410 or 413
_____ MATH 425B or 466 or 468
Additional 400-level course[2]
_____ MATH _____

APPLICATION COURSES[4]
_____ _____
_____ _____

Education[5]
_____ MATH 362
_____ MATH 330
_____ MATH 315
_____ MATH 404
_____ MATH 407
_____ MATH 205
_____ STCH 310
_____ SERP 301B
_____ LCEV408
_____ LCEV416
_____ LRC 435
_____ MATH 406A & 406B
_____ MATH 494C

Computer Science[6]
One of the following sequences:
_____ MATH 415A & 415B
_____ MATH 464 & 466
_____ MATH 475A & 475B
Any two of the following:
_____ MATH 413
_____ MATH 443
_____ MATH 445
_____ MATH 446
_____ MATH 447
_____ MATH 479
Additional 400-level course[2]
_____ MATH _____

Life Sciences[7]
_____ MATH 422
_____ MATH 464
_____ MATH 380 or 485 or 496N
_____ MATH 410 or 413
_____ MATH 454 or 456
_____ MATH 466 or 468

Probability & Statistics*
_____ MATH 425A
_____ MATH 464
_____ MATH 466
_____ MATH 413 or 468
Additional 400-level course[2]
_____ MATH _____

***MINOR Requirement**
Most minors require 18 units,
of which 9 are upper division.
Minor Courses:
Course Number/Name

_____ _____
_____ _____
_____ _____
_____ _____
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_____ _____
_____ _____
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[1] The Bachelor of Science degree requires second-semester proficiency in a second language and two semesters of laboratory science courses. Upper division (300-400 level) unit requirement is 42. See APRR for details. [2] This 400-level course is to be selected in consultation with your faculty advisor. [3] The Economics or Business option requires an ECON or GBUS minor or a thematic minor with a Finance emphasis (approved by your major advisor). [4] For the BS degree, except for the Education option, students must complete 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 pre-requisite or co-requisite. See APRR for a list of courses that fulfill this requirement. Courses taken to fulfill other requirements of the degree may also be applied to this requirement. [5] The Teaching and Learning Mathematics courses within this option replace the minor requirement. No additional minor is required. [6] The Computer Science option requires a Computer Science minor. [7] The Life Sciences option requires a minor in a Life Sciences study area. *General/Applied, Comprehensive, and Probability and Statistics options have a minor requirement. The minor should be selected in consultation with faculty advisor. Double majors are not required to have a minor.