

Name: _____

Student ID: _____

CORE COURSES	_____ MATH 129	_____ MATH 323
_____ CSC 127A or ISTA 130 ²	_____ MATH 223	_____ MATH 355
_____ MATH 122A & B or 125	_____ MATH 313 ³	

EMPHASES

Comprehensive⁴

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

General/Applied⁴

- _____ MATH 422
- _____ MATH 485
- One of the following sequences:
- _____ MATH 454 & 456
- _____ MATH 464 & 466
- _____ MATH 475A & 475B
- Fifth 400-level course⁸
- _____ MATH _____

⁴MINOR Requirement

Most minors require 18 units, of which 9 are upper division. Minor Courses:

	Subject/Course number
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Computer Science⁵

- One of the following sequences:
- _____ MATH 415A & 415B
- _____ MATH 464 & 466
- _____ MATH 475A & 475B
- Two of the following courses:
- _____ MATH 413
- _____ MATH 443
- _____ MATH 445
- _____ MATH 446
- _____ MATH 447
- _____ CSC 473
- Fifth 400-level course⁸
- _____ MATH _____

Life Sciences⁷

- _____ MATH 422
- _____ MATH 464
- _____ MATH 485
- _____ MATH 454 or 456
- _____ MATH 466 or 468
- Sixth upper-division course⁷
- _____ MATH _____

Probability & Statistics⁴

- _____ MATH 425A
- _____ MATH 464 & 466
- _____ MATH 413 or 468
- Fifth 400-level course⁸
- _____ MATH _____

Economics or Business⁶

- _____ MATH 425A
- _____ MATH 464
- Two of the following courses:
- _____ MATH 413
- _____ MATH 425B
- _____ MATH 466
- _____ MATH 468
- Fifth 400-level course⁸
- _____ MATH _____

Education⁹

- _____ MATH 315
- _____ MATH 330
- _____ MATH 361
- _____ MATH 404
- _____ MATH 407
- _____ MATH 205
- _____ EDP 301
- _____ SERP 301B
- _____ TLS 416
- _____ TLS 435
- _____ MATH 406A & 406B
- _____ MATH 494C

APPLICATION COURSES*

- _____
- _____

¹The Bachelor of Science degree requires second-semester proficiency in a second language and a two-semester lab science sequence. Upper division (300-400 level) units: 42 required. See Advisement Report (ADVIP) for details. ²These courses are recommended for most math majors. Other courses that can be used are: CSC 227, ECE 175, MIS 301, MSE 350, and PHYS 305. These latter courses may have additional eligibility criteria. ³MATH 313 replaced MATH 215 as of fall semester 2015. Students who completed 215 prior to fall 2015 or who have transfer credit equivalent to 215 will still fulfill this requirement, though they will not earn upper-division credit for the course. ⁴All emphases except Education require a minor; the General/Applied, Comprehensive, and Probability & Statistics emphases allow a minor in any subject. The minor should be selected in consultation with faculty advisor. Double-dipping between the math major and a minor is NOT permitted, with the one exception of the introductory programming course, which may also be used in a minor. Double majors are not required to have a minor. If pursuing a double degree, consult with your major advisor regarding UA requirements. ⁵The Computer Science emphasis requires a Computer Science minor. ⁶The Economics/Business emphasis requires an Economics, Finance, or Business Administration minor, or a Thematic minor with an Econ, Finance, or Business Admin emphasis (approved by your advisor). ⁷The Life Sciences emphasis requires a minor in a Life Sciences area; the sixth course will be upper-division MATH (or cross-listed) and approved by your math faculty advisor. ⁸This 400-level course is to be selected with approval from your math faculty advisor. At least 15 units of 400-level MATH course work are required for the major. ⁹The pedagogy courses within this emphasis replace the minor requirement. No additional minor is required. *For the BS degree, except for the Education emphasis, students must complete six units of course work outside the Mathematics Department, approved by the major advisor requiring Calculus or higher as pre-requisite or co-requisite. See ADVIP 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.