

Name: _____

Student ID: _____

CORE COURSES

_____ MATH 122A & B or 125

_____ MATH 223

_____ MATH 323

_____ MATH 129

_____ MATH 313³

_____ MATH 355

SUPPORTING PROGRAMMING COURSE: _____ CSC 110 or ISTA 130²

EMPHASES

Comprehensive⁴

_____ MATH 413

_____ MATH 424

_____ MATH 425A & 425B

One of the following sequences:

_____ MATH 415A & 415B

_____ MATH 454 & 456

Applied⁴

_____ MATH 422

_____ MATH 485

One of the following sequences:

_____ MATH 454 & 456

_____ MATH 464 & 466

_____ MATH 475A & 4XX¹⁰

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 & 4XX¹⁰

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

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 462

_____ 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 400

_____ LCEV 408 or TLS 416

_____ TLS 435

_____ MATH 406A & 406B

_____ MATH 494C

¹The Bachelor of Arts degree requires fourth-semester proficiency in a second language. Science: 2 Tier One and 1 Tier Two NATS (Natural Science) courses fulfill the science requirement. 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 120, 127A, or 227, ECE 175, MIS 301, and PHYS 305.

These latter courses may have additional eligibility criteria. ³MATH 313 replaced MATH 215 as of fall semester 2015. Students who completed MATH 215 prior to fall 2015 or who have transfer credit equivalent to MATH 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 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.

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). A double major in Personal

& Family Fin Planning may also fulfill the minor requirement ⁷ The Life Sciences emphasis requires a minor in a Life Sciences area. ⁸This 400-level course is to be selected with approval from your math faculty advisor. See handbook for pre-approved list. At least 15 units of 400-level MATH course

work are required for the major. ⁹The pedagogy courses within the Mathematics Education emphasis replace the minor requirement. No additional minor is required. ¹⁰A variety of courses can be used to complete the numerical analysis sequence. Consult your advisor for details.