BACHELOR OF ARTS in Mathematics

Name: ________________________________    Student ID: ______________________

**CORE COURSES**

_____ MATH 122A & B or 125    _____ MATH 223    _____ MATH 323
_____ MATH 129    _____ MATH 313
_____ MATH 355

**SUPPORTING PROGRAMMING COURSE:**    _____ CSC 110 or ISTA 130

**EMPHASES**

**Comprehensive**

_____ MATH 413
_____ MATH 424
_____ MATH 425A & 425B

One of the following sequences:

_____ MATH 415A & 415B
_____ MATH 454 & 456

**Applied**

_____ MATH 422
_____ MATH 485

One of the following sequences:

_____ MATH 454 & 456
_____ MATH 464 & 466
_____ MATH 475A & 475B

Fifth 400-level course

**Probability & Statistics**

_____ MATH 425A
_____ MATH 464 & 466
_____ MATH 413 or 468

Fifth 400-level course

**Computer Science**

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 course

**Economics or Business**

_____ MATH 425A
_____ MATH 464

Two of the following courses:

_____ MATH 413
_____ MATH 425B
_____ MATH 466
_____ MATH 468

Fifth 400-level course

**Education**

_____ MATH 315
_____ MATH 330
_____ MATH 361
_____ MATH 404
_____ MATH 407
_____ MATH 205
_____ EDP 301
_____ SERP 400
_____ TLS 416
_____ TLS 435
_____ MATH 406A & 406B
_____ MATH 494C

**Minor Requirement**

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

Minor Courses:

Subject/Course number

_____  
_____  
_____  
_____  

_____  
_____  
_____  

**Notes:**

1. The 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.
2. These courses are recommended for most math majors. Other courses that can be used are: CSC 127A or 227, ECE 175, MIS 301, MSE 350, and PHYS 305. These latter courses may have additional eligibility criteria. MATH 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. All 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. Double majors are not required to have a minor. If pursuing a double degree, consult with your major advisor regarding UA requirements.
3. The Computer Science emphasis requires a Computer Science minor.
4. The 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).
5. The Life Sciences emphasis requires a minor in a Life Sciences area.
6. This 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.
7. The pedagogy courses within the Mathematics Education emphasis replace the minor requirement. No additional minor is required.