Northern Arizona University
Bachelor of Science in Mathematics
Degree Plan 2017-2018

NAU ID: _____   NAU ID: _____

Advisor's Name _____   NAU email: _____

PART ONE: MAJOR REQUIREMENTS (51 units with a Grade of "C" or better in each mathematics or statistics course)

Required courses (42 units)								
Course	Title	Units	Semester	Course	Title	Units	Semester
MAT 136	Calculus I.	4		MAT 411	Intro Abstract Algebra	3	
MAT 137	Calculus II.	4		MAT 431	Intro Analysis	3	
One of MAT 220 or MAT 226				STA 473	Intro Math Stat	3	
		3		One of MAT 412C, 441C, STA 474C**			
MAT 238	Calculus III.	4				3	
STA 275*	Statistical Analysis	3		CS 122/L††	Programming for Engineering and Sci.	3	
MAT 316	Intro Linear Algebra	3		ENG 305W	Writing in the Disciplines†	3	
MAT320	Foundations of Mathematics	3					
Additional math/stat courses (9 units) from MAT 220, 226, 239 or MAT/STA courses 300 and above (except MAT 302, 401, 402, 405, 406)							
TOTAL MAJOR REQUIREMENTS UNITS (51 or more)							

* Mathematics majors should take STA 275, but if you already have credit in STA 270, such as AP or transfer credit, then that course will meet this requirement.
** NAU's senior capstone requirement is fulfilled by one of the sequences MAT 411-412C, 431-441C, or STA 473-474C.
† Eng 305W meets the NAU junior level writing requirement.
††If you complete a minor or a major in computer science, you may add 3 units to your general electives instead.

PART TWO: LIBERAL STUDIES REQUIREMENTS (32 units*)

I. Foundation requirements (4 units)				II. Liberal Studies Elective (3 units – additional course in one block)			
Course	Title	Units	Semester	Course	Title	Units	Semester
ENG 105	Critical Reading	4					
III. Distribution Requirements (25 units)							
a. Science (must include one lab science) (7 units)				b. Aesthetic and Humanistic Inquiry (6 units)			
c. Cultural understanding (6 units)				d. Social and Political Worlds (6 units)			
TOTAL LIBERAL STUDIES UNITS (32 UNITS OR MORE)							

*The usual 35 hours for Liberal studies are reduced to 32 for Mathematics Majors, who are exempt from the three-hour Mathematics foundation requirement.

PART THREE: UNIVERSITY REQUIREMENTS

I. Junior Level Writing Requirement Completed				II. Senior Capstone completed			
III. Ethnic diversity requirement (3 units)				IV. Global diversity requirement (3 units)			
Course	Title	Units	Semester	Course	Title	Units	Semester
TOTAL UNIVERSITY UNITS							

PART FOUR: GENERAL ELECTIVES

Course	Title	Units	Semester	Course	Title	Units	Semester
TOTAL ELECTIVE UNITS							

TOTAL UNITS (minimum of 120)

Verified: _____   _____   _____
           Advisor (print name)   Advisor signature   Date

       _____   _____   _____
           Chair (print name)   Chair signature   Date

Notes:

- Some courses may meet more than one requirement; however you must meet the total of at least 120 distinct units to graduate.
- Up to 9 units of major prefix courses may be used to satisfy Liberal Studies requirements; these same courses may also be used to satisfy major requirements. Courses used for the liberal studies distribution requirements can have the same prefix as your minor.
- Make sure to choose classes from the approved list of ethnic and global diversity approved courses with the help of an academic adviser. These requirements may be fulfilled in any part of your program of study.
- At least 30 units of the courses taken for this degree must be upper-division courses (300 and above).
- You must take at least 30 units through NAU, of which at least 18 must be upper-division units.
- You must have a cumulative grade point average of at least 2.0 on all work attempted at Northern Arizona University to graduate with this degree.