

**Northern Arizona University
Bachelor of Science in Mathematics
Degree Plan 2014-2015**

NAU ID: _____

NAU ID: _____

Advisor's Name _____

NAU email: _____

The degree plan used by the student must be the one in effect at the time the student entered the specific **major program**, or later version, regardless of when the student entered NAU. Students must confer with their assigned advisors at least once each term to ensure proper course selection and fulfillment of requirements.

PART ONE: MAJOR REQUIREMENTS (51 units)

Required courses (39 units)							
Course	Title	Units	Semester	Course	Title	Units	Semester
MAT 136	Calculus I.	4		MAT320W	Foundations of Math	3	
MAT 137	Calculus II.	4		MAT 411	Intro Abstract Algebra	3	
One of MAT 220 or MAT 226				MAT 431	Intro Analysis	3	
		3		STA 473	Intro Math Stat	3	
MAT 238	Calculus III.	4					
MAT 316	Intro Linear Algebra	3		One of MAT 412C, 441C, STA 474C***			
STA 275*	Statistical Analysis	3				3	
CS 122/L**	Programming for Engineering and Science	3					
Additional math/stat courses (12 units) from MAT 220, 226, 239 or MAT/STA courses 300 and above (except MAT 302, 401, 402, 405, 406)							
TOTAL MATHEMATICS / STATISTICS UNITS (51 or more)							

PART TWO: LIBERAL STUDIES REQUIREMENTS (32 units)****

I. Foundation requirements (4 units)				II. Liberal Studies Elective (3 units)			
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 ADDITIONAL UNITS OR MORE)							

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: ELECTIVES

Course	Title	Units	Semester	Course	Title	Units	Semester	
TOTAL ELECTIVE UNITS								

TOTAL UNITS (PARTS ONE THROUGH FOUR) (minimum of 120)	
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Verified:

Advisor's Name (print)

Chair's Name (print)

Advisor's signature

Chair's Signature

- **A grade of “C” or higher is required in each mathematics/statistics course applied toward this major.**
- **At least 30 units of the courses taken for this degree must be upper-division courses (300 and above).**
- **Some courses may meet more than one requirement; however the student must meet the total of at least 120 units to graduate.**
- **Student must take at least 30 units through NAU, of which at least 18 must be upper-division units.**

* Mathematics majors at NAU should take STA 275 to meet this requirement. However, if you already have credit in STA 270, such as AP or transfer credit, then that course will meet this requirement.

** If you complete a minor or a major in computer science, you may add 3 units to your general electives instead.

*** NAU's senior capstone requirement is fulfilled by one of the sequences MAT 411-412C, 431-441C, or STA 473-474C.

**** The usual 35 hours for Liberal studies are reduced to 32 for Mathematics Majors, who are exempt from the three-hour Mathematics foundation requirement. Students may not use courses with an MAT or STA prefix to satisfy these requirements.