



Northwest Missouri State University
 Department of Math and Statistics
 Mathematics Comprehensive (No Minor Required)
 Bachelor of Science

First Year					
First Semester			Second Semester		
10-111	Composition I	3	10-112	Composition II	3
77-101	University Seminar	1		American Experiences	3
17-120	Calculus I	4	17-121	Calculus II	5
29-102	Oral Communication	3	17-197	Exploring Mathematics-Related Fields	1
17-145	Computational Reasoning and Data	3	17-114	General Statistics	3
Total Hours		14	Total Hours		15
Second Year					
First Semester			Second Semester		
	Math Elective	3		Math Elective	3
17-333	Probability & Statistics	3		Social & Behavioral Science	3
	Life Science & Lab	4		Physical Science & Lab	4
34-102	American Government & Politics	3		Western Experiences	3
	Digital Literacy	3	17-334	Mathematical Modeling	3
Total Hours		16	Total Hours		16
Third Year					
First Semester			Second Semester		
17-311	Linear Algebra	3		Global Experiences	3
17-390	Transition to Proofs	3		Social & Behavioral Science	3
17-316	Linear Stata. Models I	3		General Electives	3
10-220	Intro. To Literature	3		General Elective	3
	General Elective	3		Math Elective	3
Total Hours		15	Total Hours		15
Fourth Year					
First Semester			Second Semester		
	Math Elective	3		Math Elective	3
	Math Elective	3	17-495	Seminar in Math	2
	General Electives	9		General Electives	5
				Fine Arts	3
Total Hours		15	Total Hours		14

Students must earn a minimum total of 120 hours to complete their degree.

This sample plan is a supplement to your Degree Audit. Consult your advisor on a regular basis for individual academic planning.



THE NORTHWEST DIFFERENCE

Students in the mathematics major will recognize, represent, and use patterns to creatively address problems in a wide variety of settings. At Northwest, students will see and explore the beauty and utility of mathematics from a diverse faculty of highly qualified and nationally recognized mathematicians. Upon graduation, students will be able to compete successfully for jobs in business, industry, and government or continue in graduate studies.

CAREER OPPORTUNITIES

100%
placement rate

100% of mathematics graduates find employment or continue their education within six months of graduation. Below is a list of job titles:

- Convergence editor
- Business consultant
- Customer service information technology manager
- Forecasting analyst
- Math teacher
- Operations research analyst
- Network planner/designer/architect
- Technical marketing engineer
- Underwriter

*Based on self-reported data.

BEYOND THE CLASSROOM

Northwest Student Chapter of **Mathematical Association of American** (MAA) promotes the interest and study of mathematics through problem-solving, meetings, lectures and social events.

Pi Mu Epsilon is a national honorary society that promotes mathematics and honors students who have excelled in the major and helps students who need assistance with their studies.