



Northwest Missouri State University  
 Department of Math and Statistics  
 Mathematics – Minor Required  
 Bachelor of Arts

First Year					
First Semester			Second Semester		
17-145	Computational Reasoning and Data	3	17-114	General Statistics	3
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
<b>Total Hours</b>		<b>14</b>	<b>Total Hours</b>		<b>15</b>
Second Year					
First Semester			Second Semester		
17-311	Linear Algebra	3	17-342	An Introduction to Modeling	3
17-333	Probability & Statistics	3		Social & Behavioral Sciences	3
	Life Science & Lab	4		Physical Science & Lab	4
34-102	American Government & Politics	3		Western Experience	3
	Digital Literacy	3		Minor Course	3
<b>Total Hours</b>		<b>16</b>	<b>Total Hours</b>		<b>16</b>
Third Year					
First Semester			Second Semester		
17-316	Linear Stat. Models I	3		Minor Courses	6
17-390	Transition to Proofs	3		Social & Behavioral Science	3
10-220	Intro to Literature	3		General Elective	3
	Minor Course	3		Modern Language	3
	Modern Language	3			
<b>Total Hours</b>		<b>15</b>	<b>Total Hours</b>		<b>15</b>
Fourth Year					
First Semester			Second Semester		
	Minor Courses	6	17-495	Seminar in Math	2
	General Electives	3		Fine Arts	3
	Modern Language	3		Minor Courses	6
	Math Elective	3		General Electives	3
<b>Total Hours</b>		<b>15</b>	<b>Total Hours</b>		<b>14</b>

*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

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### Why study mathematics at Northwest?

Students in the mathematics and statistics courses 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

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**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

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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.