

# Minor in Mathematics

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## Marketable Skills

- Critical thinking: Analyze and evaluate issues in order to solve problems and develop informed opinions.
- Problem-solving: Find solutions to difficult or complex issues.
- Analytical thinking.
- Quantitative reasoning.
- Time management: Prioritize goals and organize time to be more productive and efficient.

## Degree Plan

Code	Title	Hours
Required Courses:		
MATH 1312	Calculus II	3
MATH 1411	Calculus I	4
Upper-Division Requirement:		
Select six hours of the following courses:		6
MATH 3319	Elementary Number Theory	
MATH 3320	Actuarial Mathematics	
MATH 3323 or MATH 4326	Matrix Algebra Linear Algebra	
MATH 3325	Principles of Mathematics	
MATH 3329	Geometry	
MATH 3335	Applied Analysis I	
MATH 3341	Introduction to Analysis	
MATH 4325	Modern Algebra	
MATH 4329	Numerical Analysis	
MATH 4336	Applied Analysis II	
MATH 4341	Real Analysis	
STAT 3320 or STAT 3330	Probability and Statistics Probability	
STAT 4380	Statistics Inference	
<b>Major Elective:</b>		
Select six hours additional courses from the following:		6
MATH 2300	Discrete Mathematics	
MATH 2313	Calculus III	
MATH 2320	Mathematics of Interest	
MATH 2325	Intro. to Higher Mathematics	
MATH 2326	Differential Equations	
MATH 3319	Elementary Number Theory	
MATH 3320	Actuarial Mathematics	
MATH 3323 or MATH 4326	Matrix Algebra Linear Algebra	
MATH 3325	Principles of Mathematics	
MATH 3329	Geometry	
MATH 3335	Applied Analysis I	
MATH 3341	Introduction to Analysis	
MATH 4325	Modern Algebra	
MATH 4329	Numerical Analysis	
MATH 4336	Applied Analysis II	
MATH 4341	Real Analysis	
STAT 3320	Probability and Statistics	

or STAT 3330	Probability
STAT 4380	Statistics Inference
<b>Total Hours</b>	<b>19</b>