

# MATHEMATICS MINOR

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## Required Courses

MATH 143	Calculus III	4
MATH 206	Linear Algebra I	4
or MATH 244	Linear Analysis I	
MATH 248	Methods of Proof in Mathematics	4

## Approved Electives

Select from the following (a maximum of two 300-level courses): 16

MATH 304	Vector Analysis	
MATH 306	Linear Algebra II	
MATH 334	Combinatorial Math	
MATH 335	Graph Theory	
MATH 341	Theory of Numbers	
MATH 344	Linear Analysis II	
MATH 404	Introduction to Differential Geometry	
MATH 406	Linear Algebra III	
MATH 410	Complex Analysis I	
MATH 411	Complex Analysis II	
MATH 412	Introduction to Analysis I	
MATH 413	Introduction to Analysis II	
MATH 414	Introduction to Analysis III	
MATH 416	Differential Equations II	
MATH 418	Partial Differential Equations	
MATH 435	Discrete Mathematics with Applications I	
MATH 437	Game Theory	
MATH 440	Topology I	
MATH 442	Euclidean Geometry	
MATH 443	Modern Geometries	
MATH 451	Numerical Analysis I	
MATH 452	Numerical Analysis II	
MATH 453	Numerical Optimization	
MATH 481	Abstract Algebra I	
MATH 482	Abstract Algebra II	
MATH 483	Abstract Algebra III	

**Total units** 28