

## Mathematics Minor

is available to all majors, but proves especially useful for students planning to enter the graduate field in science. As research intensity and human knowledge grows, a broad understanding in science is critical, and is based on mathematical principles. Introductory understanding of complex mathematics gives students an unparalleled edge in future graduate and research studies.

### Program Requirements

Required (8 credits)	Cr	<input checked="" type="checkbox"/>	Electives (10 credits from the following)	Cr	<input checked="" type="checkbox"/>
MATH 231 Calculus I	4		MATH 210 Elementary Statistics	3	
MATH 232 Calculus II	4		MATH 212 Discrete Math	3	
			MATH 233 Calculus III	4	
			MATH 296 Mathematics Seminar	1	
			MATH 310 Probability & Statistical Inference	3	
			MATH 325 Proof Techniques	3	
			MATH 331 Linear Algebra	3	
			MATH 334 Foundations of Geometry	3	
			MATH 343 Algebraic Structures	3	
			MATH 410 Data Science	3	
			MATH 431 Differential Equations	3	
			MATH 432 Numerical Analysis	3	
			MATH 442 Advanced Calculus	3	
			MATH 448 Special Topics	3	
			MATH 490 Readings in Mathematics	1	
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## Mathematics Concentration

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### Program Requirements

Required (8 credits)	Cr	<input checked="" type="checkbox"/>	Electives (16 credits from the following)	Cr	<input checked="" type="checkbox"/>
MATH 231 Calculus I	4		MATH 210 Elementary Statistics	3	
MATH 232 Calculus II	4		MATH 212 Discrete Math	3	
			MATH 233 Calculus III	4	
			MATH 296 Mathematics Seminar	1	
			MATH 310 Probability & Statistical Inference	3	
			MATH 325 Proof Techniques	3	
			MATH 331 Linear Algebra	3	
			MATH 334 Foundations of Geometry	3	
			MATH 343 Algebraic Structures	3	
			MATH 410 Data Science	3	
			MATH 431 Differential Equations	3	
			MATH 432 Numerical Analysis	3	
			MATH 442 Advanced Calculus	3	
			MATH 448 Special Topics	3	
			MATH 490 Readings in Mathematics	1	
				<b>24</b>	