

# MINOR IN MATHEMATICS

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This minor comprises a collection of courses typically required for more advanced study in mathematics. With course options such as linear algebra, differential equations and dynamical systems, this minor will enhance a student's mathematical reasoning to analyze and solve complex problems. It may be of particular interest to students considering a quantitatively-oriented graduate program such as quantitative finance or economics, as well as those who want a deeper mathematical foundation. This minor also allows students to add a credential to their diploma that indicates they have completed a higher level of mathematics training.

## Prerequisite Courses

Course	Title	Credits
MA 131	Calculus I	3
or MA 131L	Calculus I with Lab	
MA 139	Calculus II	3
or MA 139L	Calculus II with Lab	

## Program Requirements

Course	Title	Credits
<b>A Total of Four Mathematics Courses</b>		<b>12</b>
Choose two or three of the following courses:		6 to 9
MA 233	Calculus III	
MA 235	Differential Equations	
MA 239	Linear Algebra	
Choose one or two additional course(s) from the following:		3 to 6
MA 205	Chaos, Fractals and Dynamics	
MA 263	Continuous Probability for Risk Management	
MA 305	Mathematical Logic	
MA 335	Financial Calculus and Derivative Pricing	
MA 352	Mathematical Statistics	