

MINOR IN MATHEMATICS

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. This minor is for students seeking a deeper mathematical foundation and is a good complement to a major in data analytics, finance, or economics. It also provides strong fundamentals to students considering a quantitatively-oriented graduate program such as quantitative finance, economics, or data science. This minor also allows students to add a credential to their diploma that indicates they have completed a higher level of mathematics training.

For further information about policies related to minors, see the Program Policies (catalog.bentley.edu/undergraduate/degree-requirements/#minorspolicies) page.

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
Select two or three of the following courses:		6 to 9
MA 233	Calculus III	
MA 235	Differential Equations	
MA 239	Linear Algebra	
Selected 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 335	Financial Calculus and Derivative Pricing	
MA 352	Mathematical Statistics	
Total Credits		12