

MINOR IN MATHEMATICS

www.math.miami.edu

Overview

The aim of our mathematics degree programs is to provide students with a core knowledge of mathematics essential to the understanding of science and other disciplines. Students should gain substantial problem solving and critical reasoning skills and should develop an understanding of the conceptual underpinnings of mathematics. A minor in mathematics will aid students in mastery in a diverse array of theoretical and applied fields.

Curriculum Requirements

Code	Title	Credit Hours
Select three of the following:		9
MTH 210	Introduction to Linear Algebra	
MTH 211 or MTH 310	Calculus III Multivariable Calculus	
MTH 224	Introduction to Probability and Statistics	
MTH 230	Introduction to Abstract Mathematics	
MTH 309	Discrete Mathematics I	
MTH 311	Introduction to Ordinary Differential Equations	
MTH 320	Introduction to Numerical Analysis	
MTH 359	Mathematical Models in Biology and Medicine	
MTH 433	Advanced Calculus	
MTH 461	Survey of Modern Algebra	
Total Credit Hours		9

* A student seeking a minor in mathematics must have credit in a **calculus sequence**: MTH 161-MTH 162 or MTH 171-MTH 172.

** All three courses must be taken in the Department of Mathematics, University of Miami.

*** It is possible to select certain 500 level mathematics courses among the three, with prior approval of the Mathematics Department.

**** A grade of C- or better is required for each of these three courses and the quality point average for the three courses must be 2.5 or above; and in case the quality point average is below 2.5, an additional mathematics course must be taken.