

XMATHSC:MN - Minor in Mathematical Sciences

Overview

Program Title

Mathematical Sciences - Minor

This minor provides students the opportunity for study in the area of Mathematical Sciences.

Academic Group

College of Arts, Sciences, and Education

Total Credits

21

CIP Code

27.0301

Requirements

Simple Requisites

Subplan

No Requirement Level

No specific admissions requirements. Contact advisor for additional information

Prerequisites

Contact advisor for information about any prerequisites.

Program Credit Hours: 21

Type

Completion Requirement

Required Courses Part I

Complete ALL of the following Courses:

- MAC2311 - Calculus I
- MAC2312 - Calculus II
- MAC2313 - Multivariable Calc
- MAP2302 - Differential Equations
- MAS3105 - Linear Algebra

Or Equivalent

Required Courses Part II

Complete at least 2 of the following courses:

- COP3337 - Computer Programming II
- CDA3103 - Fundamentals of Computer Systems
- MAD2104 - Discrete Mathematics
- MAD3401 - Numerical Analysis
- MAD3512 - Theory of Algorithms

- MAT4934 - Senior Mathematics Seminar
- MAP4401 - Advanced Differential Equations
- STA3163 - Statistical Methods I
- STA3164 - Statistical Methods II
- COP3530 - Data Structures
- MAA4402 - Complex Variables
- MAD3301 - Graph Theory
- MAD4203 - Intro Combinatorics
- MAD5405 - Numerical Methods
- MAS5145 - Applied Linear Algebra
- MHF4302 - Math Logic

Additional Comments:

Additional Requirements

A grade of 'C' or higher is necessary for the minor. Remarks: Courses completed elsewhere may be applied to the Mathematical Sciences minor, with the approval of the department. However, at least 2 of the 4 courses noted above, excluding MAC2311 Calculus I, MAC2312 Calculus II must be completed at FIU.

There are no majors associated with this program.

There are no tracks, specializations, concentrations, areas of emphasis, or other curricular offerings associated with this program.