

COLLEGE OF HEALTH AND NATURAL SCIENCE

Mathematics

Professor: Carl T. Brezovec

A minor is offered in Mathematic Modeling.

The mission of the Mathematics program is to develop clear thinking and an appreciation of the indispensable role of the discipline in understanding our data-driven modern world. The following goals permeate program coursework. Specifically, through the courses in our program, students will develop:

- the recognition that mathematics is a process, not a black box that merely presents the “correct” answer,
- skills for exploring and understanding various mathematical models, from a variety of academic fields,
- logical thinking skills,
- facility with the appropriate uses of technology and in reading mathematics, and, perhaps most importantly,
- the ability to share their work with the appropriate audience, both orally and in print.

Minor Requirements

The minor in Mathematical Modelling requires successful completion of the following courses:

MT221 Calculus I

MT222 Calculus II

MT260 Statistics

MT301 Introduction to Mathematical Proofs

MT300-level Mathematics Elective

MT300-level Mathematics Elective

Program Courses

Course Code	Course Name
MT221	Calculus I
MT222	Calculus II
MT260	Statistics I
MT301	Intro to Math Proofs
MT305	History of Mathematics
MT311	Linear Algebra
MT315	College Geometry
MT321	Calculus III
MT330	Intro to Differ Equations
MT373	Probab & Math Stats
MT375	Intro Operations Research
MT380	Mathematics Seminar
MT381	Mathematics Seminar
MTELECTUL	MT Elective-Upper Level
MTELECT	Approved Math Elective

