

# COLLEGE OF HEALTH AND NATURAL SCIENCE

## Mathematics

**Professor:** Kanchana Madhumali Gamlath Esweda Gamladdalage

**Ph.D. in Mathematics**, University of Mississippi.

**M.S. in Mathematics**, University of Mississippi.

**B.S. in Mathematics**, University of Peradeniya, Sri Lanka.

### **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.

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## 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

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