**Nebraska Wesleyan University**

# MATH 3700 Mathematical Modeling

## Catalog

2024-2025

## Course Description

A course that explores applications of mathematics to real-world problems. One or more topics may be chosen from the non-inclusive list: dynamical systems, linear programming, queueing theory, game theory, numerical analysis, wavelets, coding theory, and partial differential equations. Computer-based exercises will be a component of the course.
*Prerequisite(s): Grade of "C" or better in MATH 1610 Calculus II.*

## Course Hours

3 hours

## Departments

1. Mathematics and Computer Science