

Nebraska Wesleyan University

Catalog 2019-2020

## MATH 3750 Numerical Analysis

3 hours

Majors, Minors & Degrees:

**Majors**

Mathematics (B.A., B.S.)

Departments/Programs:

Mathematics and Computer Science

An introduction to the numerical approximation of solutions of various types of problems. Topics include root-finding, interpolation and numerical differentiation and integration. Additional topics may be drawn from numerical solutions of ordinary differential equations and linear systems.

*Prerequisite(s):* Grade of "C" or better in *MATH 1610 Calculus II*.

(Normally offered fall of odd-numbered years.)