

Nebraska Wesleyan University

Catalog 2014-2015

MATH 4300 Real Analysis

3 hours

Majors, Minors & Degrees:

Majors

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

Departments/Programs:

Mathematics

A formal approach to limits, continuity, differentiation, and integration with emphasis on the proofs of theorems. Additional topics may include topology, uniform continuity, and uniform convergence.

Prerequisite(s): Grade of "C" or better in *MATH 2200 Introduction to Higher Mathematics* and *MATH 2600 Calculus III*.

(Normally offered spring of even-numbered years.)