

Course:

MATH 4300 Real Analysis

4 hours

Majors, Minors & Degrees:

Majors

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

Departments/Programs:

Mathematics and Computer Science

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 1610 Calculus II*.
(Normally offered spring of even-numbered years.)