

**Course:**

**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.)