Math 555: Advanced Calculus I

Mathematics

Suprema and infima on the real line; limits, liminf, and limsup of a sequence of reals; convergent sequences; Cauchy sequences; and series, absolute and conditional convergence of series.

3 Credits

Prerequisites
- Math 305: Foundations of Mathematics (Minimum grade: C)
- Prerequisite: Junior standing (60 hr).

Instruction Type(s)
- Lecture: Lecture for Math 555

Subject Areas
- Topology and Foundations

Related Areas
- Algebra and Number Theory
- Analysis and Functional Analysis
- Geometry/Geometric Analysis
- Mathematics, General