

Math 459: Introduction to Complex Analysis

Complex numbers, complex differentiation, the Cauchy-Riemann equations and applications; the Cauchy integral formula, contour integration, series. 3 Credits

Prerequisites

• Math 264: Unified Calculus & Analytic Geometry IV (Minimum grade: C)

Pre-Requisite: 24 Earned Hours

Instruction Type(s)

Lecture: Lecture for Math 459

Subject Areas

Analysis and Functional Analysis

Related Areas

- Algebra and Number Theory
- Geometry/Geometric Analysis
- Mathematics, General
- Topology and Foundations

The University of Mississippi is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award certificates and baccalaureate, master's, specialist, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, call 404-679-4500, or visit online at www.sacscoc.org for questions about the accreditation.

