Math 459: Introduction to Complex Analysis
[Mathematics](#)

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](#)