

## Math 655: Theory Functions of Complex Variables I

Complex numbers; analtic functions; complex integration; Cauchy's theorem and integral formula; Liouvilles's theorem; maximum modulus principles; Schwarz's lemma; sequences and series of analytic's functions; isolated singularities; and the residue theorem.

3 Credits

## Instruction Type(s)

• Lecture: Lecture for Math 655

## Subject Areas

Analysis and Functional Analysis

## **Related Areas**

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

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.

