

# Math 514: Theory of Numbers II

Arithmetic functions and their distribution; distribution of prime numbers; Dirichlet characters and primes in arithmetic progression; and partitions. 3 Credits

## Prerequisites

- Math 513: Theory of Numbers I \$target.descriptions.MinimumGrade\$
- Math 555: Advanced Calculus I \$target.descriptions.MinimumGrade\$

# Instruction Type(s)

• Lecture: Lecture for Math 514

## **Subject Areas**

Algebra and Number Theory

#### **Related Areas**

- Analysis and Functional Analysis
- <u>Geometry/Geometric Analysis</u>
- 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.