

# Math 514: Theory of Numbers II MATHEMATICS

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
- Math 555: Advanced Calculus I

## Instruction Type(s)

Lecture: Lecture for Math 514

Subject Areas
Algebra and Number Theory

#### **Related Areas**

- Analysis and Functional Analysis
- Geometry/Geometric Analysis
- Mathematics, General
- Topology and Foundations

