

## 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](#) \$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](#)
- [Geometry/Geometric Analysis](#)
- [Mathematics, General](#)
- [Topology and Foundations](#)

