

Math 513: Theory of Numbers I

[Mathematics](#)

Divisibility; properties of prime numbers; congruences and modular arithmetic; quadratic reciprocity; and representation of integers as sums of squares.

3 Credits

Prerequisites

- [Math 305: Foundations of Mathematics](#) \$target.descriptions.MinimumGrade\$

Instruction Type(s)

- Lecture: Lecture for Math 513
- Lecture: Compressed Video for Math 513

Subject Areas

- [Algebra and Number Theory](#)

Related Areas

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

