## Math 513: Theory of Numbers I <br> \section*{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


## 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

