

# Math 401: Combinatorics

## **MATHEMATICS**

An introduction to the mathematics of finite sets, Ramsey theory, Latin squares, graph theory, matroid theory, and other related topics.

3 Credits

### Prerequisites

- [Math 305: Foundations of Mathematics](#) (Minimum grade: C)
- [Math 301: Discrete Mathematics](#) (Minimum grade: C)
- Pre-Requisite: 24 Earned Hours

### Instruction Type(s)

- Lecture: Lecture for Math 401

### Subject Areas

- [Algebra and Number Theory](#)

### Related Areas

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

