

# Math 401: Combinatorics

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
- <u>Geometry/Geometric Analysis</u>
- Mathematics, General
- <u>Topology and Foundations</u>

The University of Mississippi is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award certificates and baccalaureate, master's, specialist, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, call 404-679-4500, or visit online at www.sacscoc.org for questions about the accreditation.

