

# Math 401: Combinatorics

This course explores the counting methods of Math 301 in further depth. Additional topics may include Ramsey theory, combinatorial designs, graph theory, matroid theory, and other related topics.

3 Credits

### Prerequisites

- 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

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.

