

# Math 501: General Topology I Mathematics

Metric spaces; Baire's theorem; topological spaces; continuity; separation axioms; connectedness; compactness; and quotient and product topologies. 3 Credits

## **Prerequisites**

• Math 305: Foundations of Mathematics (Minimum grade: C)

## **Instruction Type(s)**

- Lecture: Lecture for Math 501
- Lecture: Compressed Video for Math 501

#### **Subject Areas**

Topology and Foundations

#### **Related Areas**

- Algebra and Number Theory
- Analysis and Functional Analysis
- Geometry/Geometric Analysis
- Mathematics, General

