

# Math 501: General Topology I

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**

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

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