

# Math 681: Graph Theory I

## MATHEMATICS

Primarily topics in Matroid theory, including duality, minors, connectivity graphic matroids, representable matroids, and matroid structure. Connections between the class of matroids with the classes of graphs and projective geometries are also studied.

3 Credits

### Instruction Type(s)

- Lecture: Lecture for Math 681

### Subject Areas

- [Algebra and Number Theory](#)

### Related Areas

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

