

# Math 781: Graph Theory I

## [Mathematics](#)

This course primarily covers 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)

- Seminar: Seminar for Math 781

## Subject Areas

- [Algebra and Number Theory](#)

## Related Areas

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

