

MA 380: Foundations of Geometry

Topics include the axiomatic development of different geometries (finite, euclidean, non-euclidean) from a modern viewpoint, transformation geometry, constructions, measurements, and the history of important developments in this rich subject. Emphasis will be placed on logical developments, with proof writing, and on activity-based tools up to and including the use of technology.

Hours: 3

Prerequisites:

MA 190, MA 250.

Program: [Mathematics](#)

Semester Offered:

Fall odd