

## Math 639: Projective Geometry

### [Mathematics](#)

Fundamental propositions of projective geometry from synthetic and analytic point of view; principle of duality; poles and polars; cross ratios; theorems of Desargues, Pascal, Brianchon; involutions.

3 Credits

### Instruction Type(s)

- Lecture: Lecture for Math 639

### Subject Areas

- [Geometry/Geometric Analysis](#)

### Related Areas

- [Algebra and Number Theory](#)
- [Analysis and Functional Analysis](#)
- [Mathematics, General](#)
- [Topology and Foundations](#)

