

## 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

