

# Math 639: Projective Geometry

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

<u>Geometry/Geometric Analysis</u>

### **Related Areas**

- Algebra and Number Theory
- Analysis and Functional Analysis
- Mathematics, General
- Topology and Foundations

The University of Mississippi is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award certificates and baccalaureate, master's, specialist, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, call 404-679-4500, or visit online at www.sacscoc.org for questions about the accreditation.

