Mathematics

MATH 403  **Euclidean Geometry**  credit: 3 OR 4 hours.
Selected topics from geometry, including the nine-point circle, theorems of Cera and Menelaus, regular figures, isometries in the plane, ordered and affine geometries, and the inversive plane. 4 hours of credit requires approval of the instructor and department with completion of additional work of substance. Prerequisite: MATH 241; MATH 347 or 348, or equivalent; or consent of instructor.

This course satisfies the General Education Criteria for a:
Quantitative Reasoning II

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Quant Reasoning II course.
Instructor Approval Required
Please e-mail Prof. George Francis at gfrancis@uiuc.edu to request approval. The prerequisites are Calculus III (vectors) and Math 347 or an equivalent course on mathematical discourse and proof.