

# MATH 228. CLASSICAL GEOMETRY.

---

Credits: 3

Offered by: Mathematics and Statistics (Faculty of Science)

Terms offered: Fall 2025

[View offerings for Fall 2025 in Visual Schedule Builder.](#)

## Description

This course is designed to reintroduce classical Euclidean geometry to tomorrow's teachers. Topics include: Axioms and Euclid's Elements, the triangle theorem, the Pythagorean Theorem and its extensions, basic constructions and similar triangles, Thales' theorems and cyclic quadrilaterals, the centers of triangles, the nine-point circle, conic sections and analytic geometry, the prismatoid formula, the Platonic solids, non-Euclidean geometries.

- Restrictions: Cannot be taken for credit by students in Mathematics and Statistics programs.
- Not open to students who have taken or are taking MATH 348 or MATH 398.

Most students use Visual Schedule Builder (VSB) to organize their schedules. VSB helps you plan class schedules, travel time, and more.

[Launch Visual Schedule Builder](#)