

COLLEGE OF CHEMISTRY COURSE GUIDE (../INDEX.HTML)

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MATH 130 - THE CLASSICAL GEOMETRIES (4 UNITS)

(Taken from the UC Berkeley Course Guide (<http://guide.berkeley.edu>))

COURSE OVERVIEW

SUMMARY

A critical examination of Euclid's Elements; ruler and compass constructions; connections with Galois theory; Hilbert's axioms for geometry, theory of areas, introduction of coordinates, non-Euclidean geometry, regular solids, projective geometry.

PREREQUISITES

MATH 110 ([math110.html](#)) and MATH 113 ([math113.html](#))

WORKLOAD

TIME COMMITMENT

3 hours of lecture per week

UC Berkeley Course Guide (<http://guide.berkeley.edu>)

COLLEGE OF CHEMISTRY PEER SERVICES

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