

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

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MATH 142 - ELEMENTARY DIFFERENTIAL TOPOLOGY (4 UNITS)

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

COURSE OVERVIEW

SUMMARY

The topology of one and two dimensional spaces: manifolds and triangulation, classification of surfaces, Euler characteristic, fundamental groups, plus further topics at the discretion of the instructor.

PREREQUISITES

MATH 104 ([math104.html](#)) and MATH 113 ([math113.html](#))

Spring only

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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