

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

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## CPHYS 5A - INTRODUCTORY MECHANICS AND RELATIVITY (3 UNITS)

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

### COURSE OVERVIEW

#### SUMMARY

Kinematics, dynamics, work and energy, rotational motion, oscillations, fluids and relativity. Use of calculus and vector algebra will be emphasized. Intended for students with an interest in pursuing a major in physics, astrophysics, engineering physics, or related disciplines. Successor to the Physics H7 series. Start of three semester 5A-5B-5C sequence.

#### PREREQUISITES

MATH 1A ([math1a.html](#)); MATH 1B ([math1b.html](#)) (which may be taken concurrently)

### WORKLOAD

#### TIME COMMITMENT

3 hours of lecture and 2 hours of discussion per week.

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

## COLLEGE OF CHEMISTRY PEER SERVICES

Made by Angela Lee, c/o 2019

