

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

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PHYS 5C - INTRODUCTORY THERMODYNAMICS AND QUANTUM MECHANICS (3 UNITS)

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

COURSE OVERVIEW

SUMMARY

Temperature, kinetic theory, entropy; particle/wave nature of matter, Schrodinger equation, hydrogen atom, applications of quantum physics. Intended for students with an interest in pursuing a major in physics, astrophysics, engineering physics or related disciplines. Continuation of 5A-5B-5C sequence. Successor to the Physics H7 series.

PREREQUISITES

PHYS 5B ([phys5b.html](#)) or PHYS 7B ([phys7b.html](#)); PHYS 89 ([phys89.html](#)) or MATH 54 ([math54.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>)

Made by Angela Lee, c/o 2019



(<https://www.facstaff.uct.ac.za/~doug/teaching/2019/chem101/chem101.html>)

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advising