

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

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MCB 133L - PHYSIOLOGY AND CELL BIOLOGY LABORATORY (4 UNITS)

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

COURSE OVERVIEW

SUMMARY

Experimental analyses of central problems in cell biology and physiology using modern techniques, including DNA cloning and protein biochemistry, fluorescence microscopy of the cytoskeleton and organelles, DNA transfection and cell cycle analysis of cultured mammalian cells, RNA interference and drug treatments to analyze ion channel function in cell contractility and intracellular signaling, and somatosensation.

PREREQUISITES

MCELLBI 104 recommended (may be taken concurrently)

Students will receive no credit for 133L after taking 130L.

WORKLOAD

TIME COMMITMENT

1 hour of lecture and 7 hours of laboratory per week.

COLLEGE OF CHEMISTRY PEER SERVICES

Made by Angela Lee, c/o 2019



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