

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

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PMB 40 - THE (SECRET) LIFE OF PLANTS (3 UNITS)

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

COURSE OVERVIEW

SUMMARY

Covers contemporary topics in plant biology. Examines how plants grow, reproduce, and respond to the environment (e.g., to light) in ways distinct from animals. Presents basic principles of genetics, cell, and molecular biology. Basics of genetic engineering and biotechnology reveal how they are used to modify plants, and these socially relevant issues are assessed. Includes visit to modern plant biology research laboratory, and aspects of plant disease and diversity. Knowledge of the physical sciences neither required nor assumed.

PREREQUISITES

None

Spring only

WORKLOAD

TIME COMMITMENT

2 hours of lecture and 1 hour of discussion per week.

