

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

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PMB 180 - ENVIRONMENTAL PLANT BIOLOGY (2 UNITS)

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

COURSE OVERVIEW

SUMMARY

An integrated and multidisciplinary approach to the study of interactions between plants and the environment. Introduces physical parameters in the global and micro-environment that affect plant function; and molecular, cellular, and developmental aspects of plant response to suboptimal/adverse conditions. Underlying biochemistry, physiology, and molecular biology of plant adaptation and acclimation mechanisms. Examines consequences of industrial activity on plant growth and productivity.

PREREQUISITES

BIO 1A ([bio1a.html](#)) and BIO 1B ([bio1b.html](#))

Fall only

WORKLOAD

TIME COMMITMENT

2 hours of lecture per week.

COLLEGE OF CHEMISTRY PEER SERVICES

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