

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

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CIVE C106/EPS C180/ESPM C180 - AIR POLLUTION (3 UNITS)

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

COURSE OVERVIEW

SUMMARY

This course is an introduction to air pollution and the chemistry of earth's atmosphere. We will focus on the fundamental natural processes controlling trace gas and aerosol concentrations in the atmosphere, and how anthropogenic activity has affected those processes at the local, regional, and global scales. Specific topics include stratospheric ozone depletion, increasing concentrations of green house gasses, smog, and changes in the oxidation capacity of the troposphere.

PREREQUISITES

CHEM 1A ([chem1a.html](#)), CHEM 1B ([chem1b.html](#)), PHYS 8A ([phys8a.html](#)) or consent of instructor

Spring only

WORKLOAD

TIME COMMITMENT

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

Made by Angela Lee, c/o 2019



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 lang=en) students/peer-
 advising