

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

MAJORS (../MAJOR.HTML)

LIST OF COURSES (COURSES.HTML)

RESOURCES (../RESOURCES/RESOURCE.HTML)

STUDENT LIFE (../STUDENTLIFE/ORGS.HTML)

EPS 103 - INTRODUCTION TO AQUATIC AND MARINE GEOCHEMISTRY (4 UNITS)

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

COURSE OVERVIEW

SUMMARY

Introduction to marine geochemistry: the global water cycle; processes governing the distribution of chemical species within the hydrosphere; ocean circulation; chemical mass balances, fluxes, and reactions in the marine environment from global to submicron scales; carbon system equilibrium chemistry and biogeochemistry of fresh and salt water; applications of natural and anthropogenic stable and radioactive tracers; internal ocean processes.

PREREQUISITES

CHEM 1A ([chem1a.html](#)), MATH 1A ([math1a.html](#)), or 16A. EPS C82 ([epsc82.html](#)) recommended

Spring only

WORKLOAD

TIME COMMITMENT

3 hours of lecture per week.

