

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

MAJORS (../MAJOR.HTML)

LIST OF COURSES (COURSES.HTML)

RESOURCES (../RESOURCES/RESOURCE.HTML)

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

## CS 61 - DATA STRUCTURES (4 UNITS)

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

### COURSE OVERVIEW

#### SUMMARY

Fundamental dynamic data structures, including linear lists, queues, trees, and other linked structures; arrays strings, and hash tables. Storage management. Elementary principles of software engineering. Abstract data types. Algorithms for sorting and searching. Introduction to the Java programming language.

#### PREREQUISITES

CS 61A, CS 88, or E 7 ([eng7.html](#))

### WORKLOAD

#### TIME COMMITMENT

3 hours of lecture, 1 hour of discussion, and 2 hours of laboratory per week.

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

## COLLEGE OF CHEMISTRY PEER SERVICES

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