

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

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## **COG SCI C127/PSYCH C127 - COGNITIVE NEUROSCIENCE (3 UNITS)**

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

### **COURSE OVERVIEW**

#### **SUMMARY**

This course will examine research investigating the neurological basis of cognition. Material covered will include the study of brain-injured patients, neurophysiological research in animals, and the study of normal cognitive processes in humans with non-invasive behavioral and physiological techniques such as functional Magnetic Resonance Imaging (fMRI), electroencephalography (EEG), and transcranial magnetic stimulation (TMS). Topics to be covered include perception, attention, memory, language, motor control, executive control, and emotion.

#### **PREREQUISITES**

PSYCH C61/MCB C61 ([mcbc61.html](#)) or PSYCH 120 ([psy120.html](#)), or PSYCH C120/COG SCI C100, and relevant prerequisites. Courses may be taken simultaneously with Psych C127.

Enrollment limited to students who are declared Psych, CogSci, MCB, or IB majors, or by permission of the instructor if the student has declared another major

## WORKLOAD

## TIME COMMITMENT

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

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

## COLLEGE OF CHEMISTRY PEER SERVICES

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