

BILD 12: Neurobiology and Behavior (Summer Session II 2015)

Course Instructor: Monica Chu
Tuesday & Thursday 11 AM-2 PM,
Warren Lecture Hall 2205

Course website on TED
e-mail: mwchu@ucsd.edu
Office hours: F 4-5pm in CNCB Rm305

Course description: This course serves as an introduction to the basic structure and function of the nervous system. We will cover how the nervous system is organized, how it processes sensory information, how it generates motor output and behaviors, and how one learns from experience. This class assumes little science background and is recommended for non-science majors who are interested in the brain.

iClickers are required for the course and are available for purchase from the UCSD bookstore.

Required Textbook:

“Neuroscience- Exploring the Brain” by Bear, Connors and Paradiso, 3rd ed.

Teaching assistant:

Antonia Schonwald (aschonwa@ucsd.edu)

Review sections and office hours start Monday (8/10).

- Section (optional): MW 11:00am-11:50am Center 220

- Office hours: ***MW 12:00-12:50, Mandeville coffee cart***

Grading:

Midterm	30 points
Final	45 points
Clicker participation	10 points
Reading Quizzes	10 points
Post-class assignment	5 points

100 points

Exams:

- Mostly multiple choice and short answer questions.
- Please do not take the class if you know you cannot take the midterm and final.
- Final make up is oral exam; only with a Biology-department approved documented excuse.
- No makeup given for the midterm.
- If you are late by more than 30 minutes for an exam, you will not be able to take it.

Academic honesty: As students at UCSD, I expect you to have the highest standards in academic integrity. During exams, cheating will not be tolerated. You will not be allowed to receive help from other students or give help to students.

Post-class assignments: After each lecture, you will be asked to answer 4-5 short questions which will help you reflect upon your progress in learning the material that was covered in lecture that day. The post-class assignment will be due by midnight before the next lecture. Post-class assignments will account for 5 points of your total grade, and there will be no credit given for late submissions.

Learning goals:**By the end of this course, you will be able to:**

- Describe in detail how the nervous system is organized
- Describe how information flows within a neuron and from neuron to neuron through neural circuits.
- Compare and contrast the ways in which the nervous system processes for different sensory systems
- Explain how the nervous system generates motor outputs and behaviors.
- Describe the basic mechanism behind how one learns from experience.