

Psychology & Neuroscience

Overview

Nothing is more fascinating and mysterious to us than each other. How do people work? How do I work? Students will learn to tackle these fundamental questions with the tools of psychological science. Students will learn about classic experiments in psychology, with the goal of getting a hands-on, experiential understanding of how people work and how psychologists study them. They will explore social dynamics; emotions; personality; mental illness; the nature of beliefs; neuroscience; and the relationship between the mind, brain, and body. As a capstone project, they will construct their own miniature psychology theory, design/run an experiment to test it, and present findings to the class.

Program Highlights

- Uncover the mystery of how the mind works, and examine the connection between the brain and human behavior.
- Develop solutions to the complex questions of human behavior through hands-on activities such as a brain dissection and real-world experiments.
- Understand treatment strategies for a variety of mental health issues that affect millions of individuals
- Interact with clinical psychologists, neurologists and researchers who are experts in this specialized field.

Learning Objectives

By the end of the course, students will:

- Gain a hands-on understanding of how people can be studied through the lens of science
- Develop a broad sense of contemporary psychological theories and a deeper appreciation of their own minds
- Learn how to construct a novel psychological theory and design experiments to test it (Research Methods)
- Discover what psychology is like as a profession, as an academic or clinician

Guest Speakers & Excursions

Students will visit a laboratory or medical center that is using insights from psychology to further their work. Guest speakers will include a clinician or other professional who will speak about how psychology is applied in the real world.

Instructors

Courses are taught by accomplished and passionate faculty recruited from many area colleges, universities and professional forums. Each faculty member is selected for their subject area expertise and proven ability to both challenge and captivate students.

- Instructor at UC Berkeley: **Reza Ghafur** is an instructor of Cognitive Psychology and Social Psychology at San Francisco State University, and has been published in *Psychology of Consciousness*, *Current Opinions in Behavioral Science*, and other professional journals. Students will visit the Action & Consciousness Lab and other labs at SFSU.
- Instructor at Yale University: **Dr. Jessica Andre** - former postdoctoral researcher at Yale University, currently a professor of Psychology at Quinnipiac University. Students will visit the Cushing Center at Yale University, named after one of the most important names in neurosurgery.
- Instructor at Boston (Harvard): **Adam Morris** - teaching fellow at Harvard University, Ph.D. candidate and winner of the Goethals Teaching Prize in 2019.
- Instructor at UC San Diego: **Karen Markowitz** - formerly a research assistant at UC San Diego, currently teaches Psychology at University of San Diego. Students will visit the Brain Observatory at UC San Diego to learn about one of the most famous patients in neuroscience.

Course Structure

There are 9 class sessions over the two-week course. During the first week, students have class from 9am-12pm, Monday through Friday. During the second week, students have class from 9am-12pm Monday through Thursday. Thursday will be the morning when they present their final projects. Friday morning there is no class, students check out from the program and depart on that day.

Campus Locations

Yale University

- June 21-July 3, 2020
- July 5-July 17, 2020
- July 19-July 31, 2020

UC Berkeley

- June 21-July 3, 2020
- July 5-July 17, 2020
- July 19-July 31, 2020

Boston

- July 5-July 17, 2020
- July 19-July 31, 2020

UC San Diego

- July 26-August 7, 2020

Tuition

- **Residential Students:** \$4,998
 - Includes: all meals, lodging, excursions, academic program, weekend excursions
 - Excludes: optional airport pickup and drop off service (available for an additional fee)
- **Commuter Students:** \$2,798
 - Includes: academic program, excursions, programming from 9am to 5pm, Monday-Friday
 - Excludes: lodging, breakfast, dinner, weekend excursions
- **Extended Commuter Students:** \$3,398
 - Includes: lunch, dinner, excursions, academic program, programming from 9am to 8pm, weekend excursions
 - Excludes: lodging, breakfast