



**SUMMER  
SPRINGBOARD**  
Look Inward. Go Upward.

# Neurobiology Infosheet

**New student admissions for  
Summer 2025 are open.**



## Program Highlights

- Comprehend the fundamental structure and function of the mammalian nervous system.
- Learn how neurobiological research has advanced our understanding of the complexities of the brain.
- Understand and investigate disruptions in the brain caused by injury or neurological diseases.
- Analyze how the nervous system adapts throughout life in response to experiences.
- Cultivate critical thinking and analytical skills through scientific inquiry and experimentation.



## 2025 Dates

### Berkeley (\$5,998)

- Session 2: June 22 - July 4
- Session 4: July 6 - July 18
- Session 6: July 20 - August 1

### MIT (\$6,498)

- Session 1: June 22 - July 4
- Session 2: July 6 - July 18

### Georgetown (\$5,698)

- Session 1: June 29 - July 11



## Academic Program Overview

This course offers students a comprehensive introduction and exploration of neurobiology and the fascinating interdisciplinary study of neuroscience, the brain and nervous system. Students will explore "normal behavior" by dissecting the precise mechanisms the nervous system orchestrates thought, action, and emotion. Through a combination of lectures, interactive discussions, and hands-on activities, students will delve into the intricate world of molecules, cells, and the circuits that shape human behavior. From understanding developmental processes to examining the impacts of brain injury and disease, students will gain a holistic understanding of neurobiological principles while fostering a broader perspective on this fascinating field of research. Students will also explore the wide range of job prospects in neurobiology across many sectors including academic research, biotechnology, drug discovery, clinical and medical settings, biomedical engineering, neuroinformatics and more.



## Excursions

Last year, students in Berkeley visited the Paz Lab at Gladstone Institute, Denali Therapeutics, Neuroscape at the UCSF Weill Institute for Neurosciences, and toured Berkeley's Henry H. Wheeler Brain Imaging Center.

## Instructors

### Berkeley - Isabella Gonzalez-Montalvo, Session 4

Isabelle is a Neuroscience Ph.D. candidate in the Berke Lab at UCSF. She holds her B.S. in Molecular Biology from the University of Puerto Rico, Rio Piedras. Her research focuses on understanding how the basal ganglia contribute to movement control and decision-making. Click [here](#) to learn more!

### Berkeley - Lucas Encarnacion-Rivera, Sessions 2 & 6

Lucas is a PhD candidate and an emerging leader in computational and systems neuroscience at Stanford University, where he combines cutting-edge dynamical systems modeling with computational ethology to unlock new insights into motivation and movement disorders. Click [here](#) to learn more!

### Georgetown - Dr. Gabriela Rosenbaur

Gabriela Rosenblau is an Associate Professor in the Department of Psychological and Brain Sciences at George Washington University, where she researches the cognitive and neurobiological mechanisms underlying social interactions, with a focus on Autism Spectrum Disorder. Click [here](#) to learn more!

### MIT - Dr. Alexandra Hochstetler

Dr. Alexandra Hochstetler is a postdoctoral fellow at Boston Children's Hospital, focusing on the role of the choroid plexus in perinatal brain injury and hydrocephalus. Click [here](#) to learn more!

## Tuition Information:

### Residential Students:

- **Includes:** all meals, lodging, excursions, academic course, weekend excursions
- **Excludes:** optional airport pickup and drop off service (available for an additional fee)
- **Price:** See prices under 2025 dates

### Commuter Students:

- **Includes:** lunch, academic course, excursions, programming from 9am to 5pm, Monday-Friday
- **Excludes:** lodging, breakfast, dinner, weekend excursions
  - Weekend excursions can be added on for \$125 per day
- **Prices:**
  - Berkeley and MIT: \$3,298
  - Georgetown: \$2,998



## Course Structure

There are nine 3-hour class sessions over the two-week course. During week one, students have class from 9am-12pm, Monday - Friday. During week two students have class from 9am-12pm Monday through Thursday. Wednesday afternoons are dedicated to additional academic time (excursions, speakers).



## Typical Schedule



[More info on Airport Transfer](#)

[More info on Unaccompanied Minor Service](#)

## Supplements:

- **Application fee:** \$99 (mandatory, non-refundable)
- **Tuition Protection Plan:** Allows for cancellation for any reason up until the day of the program. Click [here](#) for more info.

**[Apply Now!](#)**

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