GRADUATE STUDY IN NEUROSCIENCE AT Caltech

PhD-granting programs in

• NEUROBIOLOGY
• SOCIAL & DECISION NEUROSCIENCE
• COMPUTATIONAL & NEURAL SYSTEMS
• BIOENGINEERING
• BIOLOGY

Caltech is the place where there are no barriers between disciplines and great ideas excel. Here, I learned the true meaning of being a scientist at the highest level.

Nathan Pierce Caltech PhD Alumnus
Why Caltech?
Top reasons to study at Caltech

Among the WORLD’S TOP UNIVERSITIES
For ten years running the Times Higher Education World University Rankings has placed Caltech as one of the top 5 universities in the world.

Small but intense...

300 948 1285
PROFESSORS UNDERGRADS GRADS
You do the ratios.

A FOCUS ON CURIOSITY-DRIVEN SCIENCE
Some student projects are literally driven around by Curiosity.

SEAMLESS CONNECTIONS ACROSS DISCIPLINES
Caltech has fostered many forays of physicists and engineers into life science and vice versa.

A TOP-NOTCH COMMUNITY
of PhD students and postdocs, attracted to Caltech from around the world.

Everybody here is not afraid to ask risky questions, use the best tools, and work with the most innovative minds to answer some of the biggest problems.

Anastasia Buyalskaya
Chen Graduate Fellow
Social & Decision Neuroscience

Neuroscience-related PhD PROGRAM OPTIONS

NEUROBIOLOGY
The program in Neurobiology organizes study of the nervous system, from events at the molecular and cellular level, through the function of circuits, to phenomena of animal and human behavior, including the computational modeling of neural processes.

SOCIAL AND DECISION NEUROSCIENCE
The Social and Decision Neuroscience option brings together people from a variety of disciplines who are interested in how humans decide what to do in response to a range of decisions with important personal consequences.

COMPUTATIONAL AND NEURAL SYSTEMS
Can we endow machines with brain-like computational capability? Faculty and students in the CNS program ask these questions with the goal of understanding the brain and designing systems that show the same degree of autonomy and adaptability as biological systems.

BIOENGINEERING
The graduate program in Bioengineering focuses on the application of engineering principles to the design, analysis, construction, and manipulation of biological systems, and on the discovery and application of new engineering principles inspired by the properties of biological systems.

BIOLOGY
The program in Biology is based on the approaches derived from biochemistry, biophysics, and genetics that offer new possibilities for expanded insight into long-standing problems.

For online application, visit the Graduate Studies Office website: gradoffice.caltech.edu/admissions

There are so many people I collaborated with on a daily basis that made science a living process.

Nicole Tetreault
Caltech PhD Alumna

Caltech is home to the Tianqiao and Chrissy Chen Institute for Neuroscience

Scan this code to learn more about each option.

Nicole Tetreault
Caltech PhD Alumna

Social & Decision Neuroscience