

Neuroscience Courses – Fall 2020

[Link to Course Curriculum](#)

[Link to Online Schedule of Classes](#)

Category A – Cellular, Molecular & Developmental Neuroscience

MCELLBI 160 001 – LEC 001: Cellular and Molecular Neurobiology (undergraduate)

4 units; class #22746

Instructors: Ehud Isacoff, Helen Bateup, Diana Bautista

M,W,F: 10 - 11 am

Location: Evans 10

NEUROSC C261 001 – LEC 001: Cellular and Developmental Neurobiology

Also offered as: MCELLBI C261

3 units; class # 23944

Instructors: Stephen Brohawn, Richard Kramer

T,Th: 11 am - 12:30 pm

Location: Li Ka Shing 125

MCELLBI 166 001 – LEC 001: Biophysical Neurobiology (undergraduate)

3 units; class #22779

Instructors: Tamira Elul, Alan Miller

T,Th: 11 am - 12:30 pm

Location: Wheeler 222

MCELLBI 236 001 – LEC 001: Advanced Mammalian Physiology

5 units; class #22709

Instructors: Diana Bautista, Polina Lishko, Ellen Lumpkin

M,W,F: 11 am - 12 pm

Location: Li Ka Shing 245

Category B – Systems & Computational Neuroscience

INTEGBI 139 001 – LEC 001: The Neurobiology of Stress (undergraduate)

4 units; class #22018

Instructor: Daniela Kaufer

M,W,F: 9:30 - 11 am

Location: Lewis 100

VISSCI 265 001 – LEC 001: Neural Computation

3 units; class # 32900

Instructor: Bruno Olshausen

T, TH: 3:30 - 5 pm

Location: Not yet listed

Category C – Cognition, Brain and Behavior

PSYCH C127 001: Cognitive Neuroscience (undergraduate)

3 units; class # 26072

Instructor: Richard Ivry

M,W: 1 - 2 pm

Location: Hearst Field Annex A1

Required Courses for all First Year Students:

NEUROSC 290A 001: Neuroscience Research Design and Analysis

1 unit; class # 19604

Instructor: Michael Silver

W: 4 - 6 pm

Location: TBD

NEUROSC 291A 001: Neuroscience Introduction to Research (rotations)

4 to 12 units; class # 22782

All first and second year students should register for at least one semester per year of Neurosc 294 Brain Lunch (satisfactory/unsatisfactory). Year 4 students must present a Brain Lunch talk and must sign up for a letter grade during the semester of their presentation.

NEUROSC 294 001: Neuroscience Graduate Student Presentation

Seminar

1 unit; class # 19603

Instructor: Michael Silver

M: 12 - 1 PM

Location: TBD

Commonly Chosen Electives

Statistics

PSYCH 102 001: Methods for Research in Psychological Sciences

3 units; class # 24058

Instructor: TBD

M, W: 12 - 1 pm

Location: TBD

STAT 150 001: Stochastic Processes

3 units; class # 23692

Instructor: Brett Kolesnik

M, W, F: 1 - 2 pm

Location: LeConte 3

STAT 151A 001: Linear Modelling: Theory and Applications

4 units; class # 23686

Instructor: Samuel Pimentel

Tu,Th: 12:30 - 2 pm

Location: Birge 50

STAT 153 001: Introduction to Time Series

4 units. class # 25389

Instructor: Jared Fisher

Tu,Th: 3:30 - 5 pm

Location: Valley Life Sciences 2060

STAT 154 001: Modern Statistical Prediction and Machine Learning

4 units; class # 23668

Instructor: Gaston Trujillo

Tu,Th: 11 am - 12:30 pm

Location: Birge 50

STAT C241A 001: Statistical Learning Theory

3 units; class # 25730

Instructor: Benjamin Recht, Moritz Hardt

Tu,Th: 3:30 - 5 pm

Location: Soda 306

Electrical Engineering and Computer Science

ELENG 120 001: Signals and Systems

4 units; class #27820

Instructor: Jaijeet Roychowdhury

M, W: 4 - 6 pm

Location: Birge 50

EECS 126 001: Probability and Random Processes

4 units; class #28218

Instructors: Shyam Parekh

Tu, Th: 11 am - 12:30 pm

Location: Stanley 105

ELENG 221A 001: Linear System Theory

4 units; class #27843

Instructor: Claire Tomlin

Tu, Th: 9:30 - 11 am

Location: Cory 540AB

ELENG 226A 001: Random Processes in Systems

4 units; class # 27837

Instructor: Thomas Courtade

Tu, Th: 11am - 12:30pm

Location: Cory 521

ELENG 229A 001: Information Theory and Coding

3 units. class #27832

Instructor: Kannan Ramchandran

Tu, Th: 12:30 - 2 pm

Location: Haviland 12

ELENG 227BT 001: Convex Optimization

4 units. class #27829

Instructor: Laurent Ghaoui, Somayeh Sojoudi

Tu, Th: 11 am - 12:30 pm

Location: LeConte 2

Bioengineering

BIOENG C231 001: Introduction to Computational Molecular and Cellular Biology

4 units; class # 28892

Instructor: TBD

M, W, F: 2 - 3 pm

Location: Tan 180

BIOENG C261 001: Medical Imaging Signals and Systems

4 units; class # 28542

Instructor: Steven Conolly

Tu, Th: 2 - 3:30 pm

Location: Tan 180

Vision Science

VISSCI 260A 001: Optical and Neural Limits to Vision

3 units; class # 29492

Instructors: Austin Roorda

M, W: 4 - 5:30 pm

Location: Minor Hall 491

Neuroscience-Related Seminar Courses

PSYCH 290

PSYCH 290B 001: Clinical Neuroscience

2 units; class # 33675

Instructor: Robert Knight

W: 1 - 3 pm

Location: Barker 210

PSYCH 290B 003: NSS: Neuroimaging Seminar Series / Journal Club

2 units; class # 31211

Instructor: Sonia Bishop

Th: 4:30 – 6:30 pm

Location: Berkeley Way West 1213

PSYCH 290Z 001: Topics in Cognitive Neuroscience and Neurology

1 to 3 units; class # 31323

Instructor: Mark D'Esposito

T: 3 - 6 pm

Location: Barker 210