

Courses Offered – Fall 2018

Courses that satisfy Foundational Requirements for Neuroscience PhD Program

Link to online schedule of classes: <http://schedule.berkeley.edu/>

Full Course Requirements:

<https://goo.gl/v3QmPv>

Category A – Cellular, Molecular & Developmental Neuroscience

NEUROSC C261: Cellular and Developmental Neurobiology

001 LEC, 3 Units

Class #: 24200

Instructor(s): Hillel Adesnik, Stephen G. Brohawn, John Ngai

Tu, Th: 12:30 pm - 1:59 pm

Wheeler 24

MCELLBI 236: Advanced Mammalian Physiology

001 LEC, 5 Units

Class #: 23575

Instructor(s): Diana M. Bautista, Polina Lishko, Iswar Krishna

M, W, F: 3:00 pm - 3:59 pm

Li Ka Shing 245

Category B – Systems & Computational Neuroscience

VS265: Neural Computation

001 LEC, 3 Units

Class #: 32675

Instructor(s): Bruno Olshausen

T, Th: 3:30-5

Location:

Category C – Cognition, Brain and Behavior

PSYCH 117: Human Neuropsychology

001 LEC, 3 Units

Class #: 31404

Instructor(s): Mark D'Esposito

M, W: 10:00 am - 10:59 am
Evans 10

PSYCH C127: Cognitive Neuroscience
001 LEC, 3 Units
Class #: 23430
Instructor(s): Jack Gallant
M, W: 2:00 am - 2:59 am
Lewis 100

PSYCH 210A : Proseminar: Cognition, Brain, and Behavior
001 LEC, 3 Units
Class #: 25873
Instructor(s): TBA
F: 2:00 pm - 3:59 pm

VS262 - Visual Cognitive Neuroscience
001 LEC, 3 Units
Class #: 32677
Instructor(s): Michael Silver
T: 12:00 pm – 2:00 pm
Location: Minor Hall 491

Required Courses for all First Year Students:

NEUROSC 290A: Neuroscience Research Design and Analysis
001 LEC, 1 Units
Class #: 24541
Instructor(s): Michael Silver
W: 4:00 pm - 5:59 pm
Location: Li Ka Shing 445

NEUROSC 291A : Neuroscience Introduction to Research (Rotations)
001 LAB, 4 to 12 Units
2018 Fall
Class #: 22654
Instructor(s): Michael Silver

All first and second year students must register for at least 1 semester per year of Brain Lunch. Sign up 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 : Neuroscience Graduate Student Presentation Seminar

001 SEM

1 Unit

Class #: 22814

Instructor(s): Michel Silver

M: 12:00 pm - 12:59 pm

Location: 545 Li Ka Shing

Commonly Chosen Electives

Statistics

PSYCH 102 : Methods for Research in Psychological Sciences

001 LEC, 3 Units

Class #: 24402

Instructor(s): TBA

M, W: 9:00 am - 9:59 am

Dwinelle 219

STAT 150: Stochastic Processes

001 LEC, 3 Units

Class #: 23839

Instructor(s): Brett T. Kolesnik

M, W, F: 1:00 pm - 1:59 pm

Evans 60

STAT 151A: Linear Modeling: Theory and Applications

001 LEC, 4 Units

Class #: 23833

Instructor(s): Oscar Herman, Madrid Padilla

Tu, Th: 5:00 pm - 6:29 pm

Hearst Mining 390

STAT 153: Introduction to Time Series

001 LEC, 4 Units

Class #: 32536

Instructor(s): TBA

Tu, Th: 3:30 pm - 4:59 pm

Evans 10

STAT 154 : Modern Statistical Prediction and Machine Learning
001 LEC, 4 Units
Class #: 23809
Instructor(s): Nouredine El Karoui
Tu, Th: 2:00 pm - 3:29 pm
Birge 50

STAT 154 : Modern Statistical Prediction and Machine Learning
001 LEC, 4 Units
Class #: 23809
Instructor(s): Nouredine El Karoui
Tu, Th: 2:00 pm - 3:29 pm
Birge 50

Electrical Engineering and Computer Sciences

ELENG 120 : Signals and Systems
001 LEC, 4 Units
Class #: 27373
Instructor(s): Babak Ayazifar
Tu, Th: 2:00 pm - 3:59 pm
Valley Life Sciences 2060

EECS 126: Probability and Random Processes
001 LEC, 4 Units
Class #: 27989
Instructor(s): Kannan Ramchandran
Tu, Th: 11:00 pm - 12:29 pm
Stanley 105

ELENG 221A: Linear System Theory
001 LEC, 4 Units
Class #: 27408
Instructor(s): Yi Ma
Tu, Th: 9:30 pm - 10:59 pm
Cory 521

ELENG 226A : Random Processes in Systems
001 LEC, 4 Units
Class #: 27402

Instructor(s): Venkatacha Anantharam
Tu, Th: 2:00 pm - 3:29 pm
Cory 591

ELENG 229A : Information Theory and Coding
001 LEC, 3 Units
Class #: 27394
Instructor(s): Thomas A. Courtade
Tu, Th: 12:30 pm - 1:59 pm
Cory 241

Bioengineering

BIOENG 231: Introduction to Computational Molecular and Cellular Biology
001 LEC, 4 Units
Class #: 26930
Instructor(s): Ian H. Holmes
M, W, F: 2:00 pm - 2:59 pm
Lewis 9

BIOENG 263 : Principles of Molecular and Cellular Biophotonics
001 LEC, 4 Units
Class #: 26924
Instructor(s): Gerard Marriott
Tu, Th: 5:00 pm - 6:29 pm
Etcheverry 3109

Vision Science

VISSCI 260A: Optical and Neural Limits to Vision
001 LEC, 3 Units
Class #: 28865
Instructor(s): Austin Roorda, Susana Chung, Dennis Levi
M, W: 4:00 pm - 5:29 pm

Seminar List: Neuroscience-Related Seminars

FALL 2018

NEUROSC 299s

N/A

MCB 290s

N/A

PSYCH 290s

PSYCH 290B : Seminars: Biological

001 SEM, 2 Units

Fall-18

Class #: 16866

Instructor(s): Robert Knight

W: Time TBD

PSYCH 290H: Seminars: Developmental

001 SEM, 2 Units

Class #: 25874

Instructor(s): Fei Xu, Mahesh Srinivasan

M: 2:00 pm - 4:29 pm

PSYCH 290Z: Seminars: Special Section

001 SEM, 2 Units

Class #: 24392

Instructor(s): Anne Collins

Th: 9:00 pm - 10:59 pm

PSYCH 290Z: Seminars: Special Section

001 SEM, 1-3 Units

Class #: 24092

Instructor(s): Sonia Bishop, Kevin S Weiner

Th: 4:00 pm - 5:59 pm

PSYCH 290Z: Seminars: Special Section

001 SEM, 1-3 Units

Class #: 32560

Instructor(s): Rodolfo Mendoza-Denton
Th: 11:00 am - 12:59 pm

EECS 290s

ELENG 290T : Advanced Topics in Signal Processing
001 LEC, 3 Units
Class #: 27776
Instructor(s): Avidesh Zakhor
Tu, Th: 9300 am - 10:59 pm
Cory 293

ELENG 290T : Advanced Topics in Signal Processing
001 LEC, 3 Units
Class #: 32190
Instructor(s): Yi Ma
Tu, Th: 3:30 am - 4:59 pm
Cory 299

LING 290s

No Neuro-related courses.

VIS SCI 298s

VISSCI 298 : Seminar, Group Studies
002 LEC, 1-6 Units
Class #: 16900
Instructor(s): Bruno Olshausen
Tu: 6:00pm – 7:59pm
Location TBA

VISSCI 298 : Seminar, Group Studies
003 LEC, 1-6 Units
Class #: 16901/2
Instructor(s): Stanley Klein