

Courses Offered – Fall 2016

Courses that satisfy Foundational Requirements for Neuroscience PhD Program

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

Full Course Requirements:

<http://neuroscience-grad.berkeley.edu/wp-content/uploads/2015/01/Neuroscience-Course-Curriculum-v-2015.pdf>

Category A – Cellular, Molecular & Developmental Neuroscience

MCB C261: Advanced Cellular Neurobiology

Instructor: ADESNIK, NGAI, FELLER

Location: TuTh 12:30-2, 229 DWINELLE

Units/Credit: 3

MCB 236: Advanced Mammalian Physiology

Instructor: HARIHARAN, BAUTISTA, LISHKO

Location: MWF 11-12, 100 GPB

Units/Credit: 5

Discussion: W 4-5P, 72 EVANS

Category B – Systems & Computational Neuroscience

VS 265: Neural Computation

Instruction: OLSHAUSEN, B

Location: TuTh 3:30pm-5pm, Donner Lab 155

Units/Credit: 3

Category C – Cognition, Brain and Behavior

PSYCH C127: Cognitive Neuroscience (Undergrad)

Instructor: IRVY, R

Location: MW 11-12, 245 Li Ka Shing

Units/Credit: 3

Discussion Section: Required.

PSYCH 214: Functional MRI Methods

Instructor: D'ESPOSITO, M

Location: M 1:30-4:30, 3201 Tolman

Required Courses for all First Year Students:

NEURO 291A: Introduction to Research (Rotations)

Instructor: FELDMAN, D

Location: TBA

Units/Credit: 4-12

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.

NEURO 294: Neuroscience Graduate Student Presentation Seminar (Brain Lunch)
Instructor: FELDMAN, SOMMER, SILVER, DAN
Location: M 12-1, 5101 TOLMAN
Units/Credit: 1

Commonly Chosen Electives

Statistics

STATISTICS 150: Stochastic Processes
Instructor: KLASS, M
Location: MWF 1-2, 251 LECONTE
Units/Credit: 3

STATISTICS 153: Introduction to Time Series
Instructor: BRILLINGER, D
Location: TuTh 2-3:30, 60 BARROWS
Units/Credit: 4

STATISTICS 154: Modern Statistical Prediction and Machine Learning
Instructor: RABBEE, N
Location: TuTh 5-6:30, 145 MOFFIT
Units/Credit: 4

Electrical Engineering

EE 120 : Signals and Systems
Location: MW 4-6 PM, 150 GSPP
Instructor: FEARING, R
Units/Credit: 4

EE 126: Probability and Random Processes
Location: TuTh 8-9:30, 101 MOFFIT
Instructor: ZAKHOR, A
Units/Credit: 4

EE 221A: Linear System Theory
Location: TuTh 12:30-2, 521 CORY
Instructor: TOMLIN, C
Units/Credit: 4

EE 226A: Random Processes in Systems
Location: TuTh 3:30-5, 293 COREY

Instructor: ANANTHARAM, V
Units/Credits: 4

Bioengineering

BIOENG 231: Introduction to Computational Molecular & Cellular Biology
Location: MWF 2-3, 251 LECONTE
Instructor: HOLMES, I
Units/Credit: 4

Vision Science

VIS SCI 212B: Visual Neurophysiology and Development
Instructor: SILVER, MA
Location: MW 4-5:30, 394 MINOR
Units/Credit: 2