Courses Offered – Fall 2016
Courses that satisfy Foundational Requirements for Neuroscience PhD Program

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


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
   Instructor: 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: RABEE, 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 LECONE  
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