Courses Offered – Fall 2015
Courses that satisfy Foundational Requirements for Neuroscience PhD Program

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

Full Course Requirements:

Category A – Cellular, Molecular & Developmental Neuroscience

MCB C260: Cellular & Molecular Neuroscience
Instructors: BATEUP, KRAMER, NGAI
Location: MWF 11-12, 100 GPB
Units/Credit: 4

MCB 236: Advanced Mammalian Physiology
Instructor: HARIHARAN, BAUTISTA, LISHKO
Location: MWF 11-12, 145 DWINELLE
Units/Credit: 5
Discussion: W 3-4P, 129 BARROWS

Category B – Systems & Computational Neuroscience

MCB 262: Advanced Topics in Systems Neuroscience
Instructor: FELDMAN, Y. DAN
Location: TuTh 3:30-5, 103 MOFFITT
Units/Credit: 3

PSYCH 210B: Proseminar: Biological Basis of Behavior
Instructor: KRIEGSFELD, WILBRECHT
Location: F 2-4 PM, 3105 TOLMAN
Units/Credit: 3

Category C – Cognition, Brain and Behavior

PSYCH C127: Cognitive Neuroscience (Undergrad)
Instructor: GALLANT, J
Location: TuTh 9-10, 145 DWINELLE
Units/Credit: 3
Discussion Section: Required.

PSYCH 214: Functional MRI Methods
Instructor: D’ESPOSITO, M
Location: M 1:30-4:30, in the BIC

Required Courses for all First Year Students:
Neuro 291A: Introduction to Research (Rotations)

All students must register for at least 1 semester per year of Brain Lunch. Year 1, 2, 3, and 5 students: 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)

Commonly Chosen Electives

Psychology

PSYCH 205: Data Analysis
Instructor: THEUNISSEN
Location: WF 9-10A, 60 BARROWS
Units/Credit: 3

Statistics

STATISTICS 150: Stochastic Processes
Instructor: ALDOUS, DJ
Location: MWF 10-11, 60 EVANS
Units/Credit: 3

STATISTICS 153: Introduction to Time Series
Instructor: BRUNA ESTRACH, J
Location: TuTh 12:30-2, 160 DWINELLE
Units/Credit: 4

STATISTICS 154: Modern Statistical Prediction and Machine Learning
Instructor: RABBEE, N
Location: MW 5:30-7, 213 WHEELER
Units/Credit: 4

STATISTICS 241: Statistical Learning Theory
Instructor: BARTLETT, PL
Location: TuTh 9:30-11, 160 KROEBER
Units/Credit: 3

STATISTICS C247 : Longitudinal Data Analysis
Instructor: JEWELL, NP
Location: TuTh 11-1230P, 209 DWINELLE
Units/Credit: 4

Electrical Engineering
EE 120: Signals and Systems
Location: MW 4-6 PM, 2 LECONTE
Instructor: ARCAK, M
Units/Credit: 4

EE 126: Probability and Random Processes
Location: TuTh 11-12:30, 521 COREY
Instructor: RAMACHANDRAN, K
Units/Credit: 4

EE 221A: Linear System Theory
Location: TuTH 9:30-11, 106 MOFFITT
Instructor: TOMLIN, CJ
Units/Credit: 4

EE 226A: Random Processes in Systems
Location: TuTh 3:30-5, 293 COREY
Instructor: COURTADE, TA
Units/Credits: 4

Bioengineering
BIOENG C219: Protein Engineering
Location: MWF 1011, 229 DWINELLE
Instructor: TULLMAN-ERCEK, D
Units/Credit: 3

BIOENG 231: Introduction to Computational Molecular & Cellular Biology
Location: TuTh 2-3:30, 102 WURSTER
Instructor: HOLMES, IH
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