

Courses Offered – Spring 2021

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

Full Course Requirements:

<https://neuroscience.berkeley.edu/wp-content/uploads/2020/08/Neuroscience-Course-Curriculum-August-2020.pdf>

Courses that satisfy Neuroscience PhD Program Foundational Requirements:

Category A – Cellular, Molecular & Developmental Neuroscience

MCELLBI 240 001 – LEC 001: Advanced Genetic Analysis

Instructor: Barbara J Meyer, Iswar Krishna Hariharan, Fyodor D Urnov

Location: Tu, Th 9:30AM- 10:59AM, Remote Instruction

Units/Credit: 4

Discussion: No Discussion

MCELLBI 230 001 – LEC 001: Advanced Cell Biology

Instructors: Michael P Rape, David Bilder, Dirk F Hockemeyer

Location: Tu, Th, 2:00PM-3:29PM, Remote Instruction

Units/Credit: 4

Discussion: No Discussion

MCELLBI 240 001 – LEC 001: Advanced Genetic Analysis

Instructors: Barbara J Meyer, Iswar Krishna Hariharan, Fyodor D Urnov

Location: Tu, Th, 9:30AM-10:59AM, Remote Instruction

Units/Credit: 4

Discussion: No Discussion

Category B – Systems & Computational Neuroscience

NEUROSC C262: Circuit and Systems Neurobiology

Instructor: Daniel E. Feldman, Yang Dan

Location: Tu,Th, 9:30-10:59, Remote Instruction

Units/Credit: 3

Discussion: No Discussion

VIS SCI 260C 001 – L EC 001: Introduction to Visual Neuroscience

Instructor: Michael A. Silver, Bruno Adolphus Olshausen, William Rowland Taylor, Teresa Puthussery

Location: Tu, Th, 4:00PM- 5:29PM, Remote Instruction

Units/Credit: 3

Discussion: No Discussion

Category C – Cognition, Brain and Behavior

PSYCH C127 – LEC 001: Cognitive Neuroscience

Instructor: Richard Ivry

Location: M, W, 11:00AM-11:59AM, Remote Instruction

Units/Credit: 3

Discussion: No Discussion

PUBLIC HEALTH 290: Neuroepidemiology

Instructor: Bill Jagust

M, 12-2PM, Remote Instruction

3 Units

Required Courses for all First Year Students:

NEURO 291B 001 – LAB 001: Neuroscience Introduction to Research (Rotations)

Instructor: TBD

Units/Credit: 4-12

NEURO 290B 001 – SEM 001: Neuroscience Career Skills

Instructor: Michael A. Silver

Units/Credit: 1

Location: DATES, Time: TBA Location: Remote Instruction

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: Michael A. Silver

Location: M, 12:00PM- 12:59PM, Remote Instruction

Units/Credit: 1

Discussion: No Discussion

Other Neuroscience Courses

NEURO 299 (Class #19406): Applied Statistics for Neuroscience

Instructor: Dan Feldman

Mondays and Wednesdays 5-6:30PM, Remote Instruction

1-3 units

This course fulfills the requirement for training in statistics and quantitative methods

NEURO 299 (Class 19407): The Art of Modeling

Instructor: Gautam Agarwal

Thursdays 10-11AM, Remote Instruction

1 unit

Commonly Chosen Electives:

Statistics

STAT 248 001 – LEC 001: Analysis of Time Series
Instructor: Adityanand Guntuboyina
Location: Tu, Th, 3:30PM-4:59PM, Remote Instruction
Units/Credit: 4

STAT 150 001 – LEC 001: Stochastic Processes
Instructor: Brett T Kolesnik
Location: M, W, F: 10:00AM-10:59AM, Remote Instruction
Units/Credit: 3

STAT 151A : Linear Modelling: Theory and Applications
Instructor: Gaston Sanchez Trujillo
Location: Tu, Th 2:00PM-3:29PM, Remote Instruction
Units/Credit: 4

STAT 153 001 – LEC 001: Introduction to Time Series
Instructor: Jared D Fisher
Location: Tu, Th 2:00PM-3:29PM, Remote Instruction
Units/Credit: 4

STAT 154 : Modern Statistical Prediction and Machine Learning
Instructor(s): Nouredine El Karoui
Location: Tu, Th 11:00AM-12:29PM, Remote Instruction
Units/Credit: 4

Electrical Engineering and Computer Sciences

VSSCI C280 001 – LEC 001: Computer Vision
Instructors: Nouredine El Karoui
Location: Tu, Th 12:30PM-1:59PM, Remote Instruction
Units/Credit: 3

ELENG 120 001 – LEC 001 : Signals and Systems
Instructor: Chunlei Liu
Location: M, W, 12:00PM-1:59PM, Remote Instruction
Units/Credit: 4

EECS 126 001 – LEC 001: Probability and Random Processes

Instructor: Thomas A Courtade

Location: T, Th, 2:00PM- 3:29PM, Remote Instruction

Units/Credit: 4

Vision Science

VISSCI 260C 001 – LEC 001: Introduction to Visual Neuroscience

Instructors: Michael A. Silver, Bruno Adolphus Olshausen, William Rowland Taylor, Teresa Puthussery

Location: Tu, Th, 4:00PM-5:29PM, Remote Instruction

Units/Credit: 3

Psychology

PSYCH 114 001 – LEC 001: Biology of Learning

Instructor: Linda Wilbrecht

Location: W, W, 12:00pm – 1:59pm, Remote Instruction

Units/Credit: 3

PSYCH 110 001 – LEC 001: Introduction to Biological Psychology

Instructor(s): David J Foster

Location: M, W, 10:00AM–10:59AM, Remote Instruction

Units/Credit: 3

Bioengineering

BIOENG C265 001 – LEC 001: Principles of Magnetic Resonance Imaging

Instructor: Miki Lustig

Location: Tu, Th, 3:30PM-4:59PM, Remote Instruction

Units/Credit: 4

Seminar List: Neuroscience-Related Seminar Courses – Spring 2021

PSYCH 290H 002 - SEM 002: Seminars: Developmental

Curious Children, Wise Elders: How Intelligence Evolves

Instructor: Alison Gopnik

Location: M, 3:00PM- 4:59PM, Remote Instruction

Units/Credit: 2

Discussion: No Discussions

PSYCH 290B 006 – SEM 006: Seminars: Biological

Instructor: Robert Thomas Knight

Title: Cognitive Neuroscience

Location: W, 12:00PM-1:59PM, Remote Instruction

Units/Credit: 2

PSYCH 290B 002 – SEM 002: Seminars: Biological Reinforcement Learning and Decision Making
Instructors: David J Foster, Joni Wallis, Anne Ge Collins
Location: Th, 2:00PM-3:59PM, Remote Instruction
Units/Credit: 2

MCELLBI 290 A02 – SEM A02: Graduate Seminar
Instructor: Qiang Zhou
Location: Day/time TBD, Remote Instruction
Units/Credit: 1

MCELLBI 290 A03 – SEM A03: Graduate Seminar
Instructor: James H Hurley
Location: Day/time TBD, Remote Instruction
Units/Credit: 1

MCELLBI 290 B01 – SEM B01: Graduate Seminar
Instructor: Diana M Bautista
Location: W, 4:00PM-4:59PM, Remote Instruction
Units/Credit: 1

MCELLEI 290 E01 – SEM E01: Graduate Seminar
Instructor: Andrea Gomez
Location: Tu, 4:00PM-4:59PM, Remote Instruction
Units/Credit: 1

PSYCH 237G 001 – LEC 001: Intervention: Specialty Clinics
Instructor: Nancy H Liu
Location: Day/Time: TBD, Remote Instruction
Units/Credit: 1 or 2

PSYCH 237H: Intervention: Introduction to Clinical Methods
Instructor: Nancy H Liu
Location: Tu, 9:00AM-11:59AM, Remote Instruction
Units/Credit: 3

PSYCH 250B 001 – LEC 001: Perspectives in Personality: Trends and Issues
Instructor: Oliver P John
Location: Tu, 11:00AM-12:59PM, Remote Instruction
Units/Credit: 3

PSYCH 290Z 001 – SEM 001: Cognitive Neuroscience Journal Club
Instructor: Jack L Gallant
Location: M,W, 1:00PM-1:59PM, Remote Instruction
Units/Credit: 1 to 3

PSYCH 290Z 002 – SEM 002: Cognitive Neuroscience Journal Club

Instructor: Mark D'Esposito

Location: M, 12:00PM-2:59PM, Remote Instruction

Units/Credit: 1 to 3

PSYCH 293 001 – SEM 001: Second-Year Seminar on Professional Development

Instructor: Sylvia A Bunge

Location: F, 10:00AM-11:59AM, Remote Instruction

Units/Credit: 2

PSYCH 239: Clinical Seminar

Instructor: Qing Zhou

Location: Tu, 3:30PM-4:59PM, Remote Instruction

Units/Credit: 1

PSYCH 259 001 – SEM 001: Personality Seminar

Instructor: Rodolfo Mendoza-Denton

Location: W, 2:00PM-3:59PM, Remote Instruction

Units/Credit: 1

PSYCH 269 001 – SEM 001: Social Seminar

Instructor: Rodolfo Mendoza-Denton

Location: W, 12:00PM-1:59PM, Remote Instruction

Units/Credit: 1

PSYCH 236 002 – CLN 002: Specialty Clinic

Instructor: Nancy H Liu

Location: W, 10:00AM-12:59PM, Remote Instruction

Units/Credit: 3

PSYCH 236 001 – CLN 001: Specialty Clinic

Instructor: Allison G Harvey

Location: W, 10:00AM- 12:59PM, Remote Instruction

Units/Credit: 3

PSYCH 237E 001 – LEC 001: Professional Development in Clinical Science

Instructor: Nancy H Liu

Location: W, 9:00AM-9:59AM, Remote Instruction

Units/Credit: 3

PSYCH 229A 001 – COL 001: Cognition Colloquium

Instructor: Lucia Jacobs

Location: Tu, 1:00PM-2:59PM, Remote Instruction

Units/Credit: 1

PSYCH 205 001 – LEC 001: Data Analysis
Instructor: Steven T Piantadosi
Location: F, 1:00PM-3:59PM, Remote Instruction
Units/Credit: 3

PSYCH 229B 001 – COL 001: Cognitive Neuroscience Colloquium
Instructor: Nina Francine Dronkers, Robert Thomas Knight
Location: M, 3:00PM-4:59PM, Remote Instruction
Units/Credit: 1

PSYCH 290B 005 – SEM 005: Biology Informing Psychology
Instructor: Linda Wilbrecht
Location: Th, 12:00PM-1:59PM, Location: Remote Instruction
Units/Credit: 2

PSYCH 290B 006 – SEM 006: Cognitive Neuroscience
Instructor: Robert Thomas Knight
Location: W, 12:00PM-1:59PM, Location: Remote Instruction
Units/Credit: 2

PSYCH 290B 003 – SEM 003: Subcortical Contributions to Cognition
Instructor: Richard Ivry
Location: Th, 10:00AM-11:59AM, Location: Remote Instruction
Units/Credit: 2