

Keck Neurosciences Major

Behavioral Neuroscience Sequence

Faculty Mentors: Professors Thomas Borowski, Melissa Coleman, Jenna Monroy, Tessa Solomon-Lane, Sandra Watson

Recommended Common Core Electives:

- Statistics: for example, Psychological Statistics (PSYC 91 PZ; PSYC 103 SC), Applied Biostatistics (BIOL 175 KS), Introduction to Statistics (MATH 52 PZ), or any general statistics course offered by the 5Cs.
- Research Methods: for example, Research Design in Psychology (PSYC 92 PZ) or Research Methods and Practicum (PSYC 104/104L SC)
- Computer / data science or programming course: for example, NEUR 133L KS, CS 4 SC, CS 5 (Harvey Mudd), MATH 42 SC, Physics 99L KS or an approved equivalent course

Sequence courses (4 with a 2-semester senior thesis, 5 with a 1-semester thesis)

Students should work with their academic advisers and/or Prof Borowski to select a set of cohesive courses relevant to their interests and career / professional goals. At least 1 course should be directly relevant to the neuroscience of behavior.

- PSYC 111 PZ Physiological Psychology
- PSYC 097 CM Sensation and Perception
- PSYC 096 CM Neuropsychology, PSYC 131 SC & PSYC 131L SC Clinical Neuropsychology; PSYC 114 PZ Human Neuropsychology
- PSYC 107 CM Neuroeconomics
- PSYC 127 SC Neuroscience of Decision Making
- BIOL 154 KS Animal Behavior
- PSYC 118 PZ Health Psychology
- PSYC 101 PZ Brain & Behavior
- PSYC 070 CMC, PSYC 181 PZ, PSYC 128 SC Abnormal Psychology
- BIOL 80L Behavioral Neurobiology
- NEUR 161 Neuroendocrinology
- NEUR 103 Neurobiology of Addiction, Motivation, and Reward
- NEUR 181 Molecular Basis of Neural Diseases
- BIOL 129 Neuromuscular Physiology in Health and Disease
- PSYC 113 PZ Psychobiology of Emotions
- BIOL 131L KS Vertebrate Physiology
- BIOL 145 KS Evolution
- BIOL 143 KS Genetics
- CHEM / BIOL 177 KS Biochemistry
- BIOL 156L Genomics and Bioinformatics