

Cognitive Neuroscience, Minor

The Minor in Cognitive Neuroscience

Overview

The minor in Cognitive Neuroscience offered by the Department of Psychology is similar to the Neuroscience Minor offered by the Department of Biological Sciences. The differences between the two forms of the minor are determined by one required course, and additionally, by the students' choice of distribution electives. The requirements for the Cognitive Neuroscience Minor include 7 courses: four required courses, and three distribution and elective courses.

Because of the curriculum within this minor may overlap with some degree requirements, no more than 2 courses fulfilling Neuroscience or Cognitive Neuroscience Minor requirements may count towards a student's major or other minor requirements.

Curriculum

Minor in Cognitive Neuroscience 63 units

Required Coursework

	Units
03-121 Modern Biology	9
03-363 Systems Neuroscience	9
85-110 Cognitive Psychology	9
85-170 Foundations of Brain and Behavior	9

Distribution Requirements

Three courses, including at least 1 from each of the following categories

Approaches to Cognitive Neuroscience

85-213 Human Information Processing and Artificial Intelligence	9
85-314 Cognitive Neuroscience Research Methods	9
85-370::starting S26	
85-412 Cognitive Modeling	9
85-414 Cognition in the Age of AI	9
85-419 Introduction to Parallel Distributed Processing	9
15-386 Neural Computation	9
86-375 Computational Perception	9
85-426 Reverse engineering brains and machines	9
85-432 Data Science for Psychology and Neuroscience	9
85-472 Cognitive Neuropsychology	9

Cognitive Neuroscience Electives

03-133 Neurobiology of Disease	9
03-362 Cellular Neuroscience	9
03-365 Neural Correlates of Learning and Memory	9
85-359 Introduction to Music Cognition Research	9
85-110 Cognitive Psychology	9
85-370 Cognitive Neuropsychology Research Methods	9
85-106 Animal Minds	9
85-190 Psychopathology	9
85-416 Applications of Cognitive Science	9