

COGNITIVE SCIENCE, MINOR

Cognitive science is the empirical study of intelligent systems, including the human mind. An interdisciplinary science, it combines results from biology, computer science, linguistics, mathematics, neuroscience, philosophy and psychology to the study of language processing, perception, action, learning, concept formation, inference and other activities of the mind, with applications for information technology and the study of artificial intelligence.

For more information: <https://web.sas.upenn.edu/cogsci/program/minor/>

The degree and major requirements displayed are intended as a guide for students entering in the Fall of 2023 and later. Students should consult with their academic program regarding final certifications and requirements for graduation.

Code	Title	Course Units
Minor Requirements		
<i>Core Course</i>		
COGS 1001/ CIS 1400/ LING 1005/ PHIL 1840/ PSYC 1333	Introduction to Cognitive Science	1
<i>Breadth Requirement</i>		
Select one course each from three of the following areas:		3
Psychology:		
PSYC 0001	Introduction to Experimental Psychology	
PSYC 1310	Language and Thought	
Computation:		
CIS 1100	Introduction to Computer Programming	
CIS 1200	Programming Languages and Techniques I	
PHIL/LGIC 1710	Introduction to Logic	
Language:		
LING 0001	Introduction to Linguistics	
LING 0500	Introduction to Formal Linguistics	
Philosophy:		
PHIL 1170	History of Modern Philosophy	
PHIL 2640	Introduction to Philosophy of Mind	
PHIL 4660	Philosophy of Language	
PHIL 4840	Philosophy of Psychology	
Neuroscience:		
NRSC 2249	Cognitive Neuroscience	
NRSC 1110	Introduction to Brain and Behavior	
<i>Concentration Requirement</i>		
Select two courses from a single concentration: ¹		2
Cognitive Neuroscience		
Computation and Cognition		
Language and Mind		
Total Course Units		6

¹ Consult with Undergraduate Chair.