

# COGNITIVE SCIENCE PROGRAM

## FALL 2019

**CSE 001-10 Breadth of Computing** (2 credits) CRN 41925, M, W, F 9:20-10:10 a.m. Professor Korth

**PSYC 001 Introduction to Psychology** (SS, 4 credits) multiple sections, *BS program only*

**ECO 001 Principles of Economics** (SS, 4 credits) multiple sections, *BS program only*

**CSE 002 Fundamentals of Programming** (2 credits) multiple sections

**ANTH 011-10 Cultural Diversity and Human Nature** (SS, 4 credits) CRN 42525, *BS program only*  
M, W 12:10 - 1:25 p.m. Professor Zent

**ANTH 012-10 Human Evolution and Prehistory** (NS, 4 credits) CRN 42526, T, R 3:00 - 4:15 p.m. Professor Wesson

**CSE 012-10 Survey of Computer Science** (3 credits) CRN 44554, M, W 12:10 - 1:25 p.m. Professor Kalafut

**CSE 017 Programming and Data Structures** (MA, 3 credits) multiple sections

**MATH 021 Calculus I** (MA, 4 credits) multiple sections, *BS program only*

**ECO 045 Statistical Methods** (3 credits) multiple sections

**MATH 051 Survey of Calculus I** (MA, 4 credits) multiple sections, *BS program only*

**MATH 075 Calculus I, Part A** (MA, 2 credits) multiple sections

**SOAN 111-10 Research Methods & Data Analysis** (SS, 4 credits) CRN 41493, T, R 1:35 - 2:50 p.m. Professor Zhang

**PHIL, MATH 114-10 Symbolic Logic** (MA, 4 credits) CRN 43554, T, R 12:10 - 1:25 p.m. Professor Casati

**BIOS 121-10 Comparative/Integrative Biology for BIOS Minors** (NS, 3 credits) CRN 42091  
M, W, F 12:10 - 1:25 p.m. Professors Itzkowitz & Cundall

**MLL, COGS, ANTH 140-10 Introduction to Linguistics** (SS, 4 credits) CRN 43221, M, W 1:35-2:50 p.m. Professor Lee

**CSE 160-10 Introduction to Data Science** (3 credits) CRN 43105, M, W, F 1:35 - 2:25 p.m. Professor Davison

**COGS 161 Supervised Research** (1-3 credits) multiple sections, instructor permission required. Cognitive Science Faculty

**PSYC, COGS 176-10 Cognitive Neuroscience** (NS, 4 credits) CRN 44396, T, R 1:35 - 2:50 p.m.  
Prerequisite PSYC 001 or PSYC/COGS 007. Professor Hupbach

**PSYC, COGS 184-10 Cognitive Neuroscience Recitation** (1 credit) CRN 44733, T 3:00 - 3:50 p.m. PSYC/COGS 176. Professor Hupbach

**COGS, CSE 198-10 Survey of Artificial Intelligence** (3 credits) CRN 44857, T, R 10:45 - 12:00 p.m. Professor Hefflin

**PSYC 201 Research Methods and Data Analysis I** (4 credits) multiple sections, department permission required. Professor Burke

**PSYC 202 Research Methods and Data Analysis II** (4 credits) multiple sections, department permission required. Professor Arrington

**MATH 231 Probability and Statistics** (3 credits) multiple sections

**STS, CSE, EMC 252-10 Computers, the Internet, and Society** (SS, 3 credits) *WI (Writing Intensive)* CRN 40633  
M, W 3:00 - 4:15 p.m. Professor Davison

**CSE 262-10 Programming Languages** (3 credits) CRN 40687, M, W, F 12:10 - 1:00 p.m. Professor Montella

**CSE 262-11 Programming Languages** (3 credits) CRN 42532, M, W, F 1:35 - 2:25 p.m. Professor Montella

**COGS 301 Senior Project in Cognitive Science: Proposal** (1-3 credits) multiple sections, instructor permission required.  
Cognitive Science Faculty

**COGS 302 Senior Project in Cognitive Science: Thesis** (1-3 credits) multiple sections, instructor permission required.  
Cognitive Science Faculty

**PSYC 316-10 The Talking World: Psychology and Neuroscience of Speaking** (NS , 4 credits) CRN 43235  
T, R 3:00 - 4:15 p.m. Department permission required. Professor O'Seaghda

**CSE 331-10 User Interface Systems and Techniques** (3 credits) CRN 43033, M, W 12:40 - 1:55 p.m. Professor Baumer

**CSE 337-10 Reinforcement Learning** (3 credits) CRN 44858, T, R 7:55 – 9:10 a.m. Professor Munoz-Avila

**PSYC, HMS 344-10 Health Care Reasoning and Decision Making** (SS , 4 credits) CRN 44490  
T, R 9:20 - 10:35 a.m. Department permission required. Professor Marsh

**CSE 347-10 Data Mining** (3 credits) CRN 42536, M, W 3:00 p.m. - 4:15 p.m. Professor Wang

**PSYC, ES 357-10 Psychology of Environmental Issues** (SS , 4 credits) CRN 42955, M, W 9:20 - 10:35 a.m.  
Department permission required. Professor Malt

**COGS 361 Independent Research** (2-4 credits) multiple sections, Instructor permission required. Cognitive Science Faculty

**BIOS 365-10 Neurobiology of Sensory Systems** (NS , 3 credits) CRN 42432, M, W 9:20 - 10:35 p.m. Professor Burger

**PSYC, GS 365-10 Human Development in Cross-Cultural Perspective** (SS , 4 credits) *CBE Global* CRN 44405  
T, R 1:35 - 2:50 p.m. Department permission required. Professor Nicolopoulou

**BIOS 366-10 Diseases of the Nervous System** (NS , 3 credits) CRN 43222, W 1:35 - 4:15 p.m.  
Department permission required. Professor Simon

**BIOS 382-10 Endocrinology of Behavior** (NS , 3 credits) CRN 40023, T, R 10:45 - 12:00 p.m. Professor Schneider

**COGS 391 Honors Thesis in Cognitive Science: Proposal** (1-4 credits) multiple sections  
Instructor permission required. Cognitive Science Faculty

**COGS 392 Honors Thesis in Cognitive Science: Project Execution and Thesis** (1-4 credits) multiple sections  
Instructor permission required. Cognitive Science Faculty

**PSYC 406-10 Social Cognition** (3 credits) CRN 44365 *Grad program only.*  
Department permission required. Professor Packer

**CSE 447-10 Data Mining** (3 credits) CRN 42537 *Grad program only.*  
M, W 3:00 - 4:15 p.m. Department permission required. Professor Wang

**TLT 462-10 Artificial Intelligence and Machine Learning in Education** (3 credits) CRN 43057  
W 4:25 - 7:05 p.m. Professor Vallera