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

COGS, CSE 127-10 Survey of Artificial Intelligence (3 credits) CRN pending, T, R 10:45 - 12:00 p.m. Professor Hefflin

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 credits) 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'Seaghdha

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.mm. 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

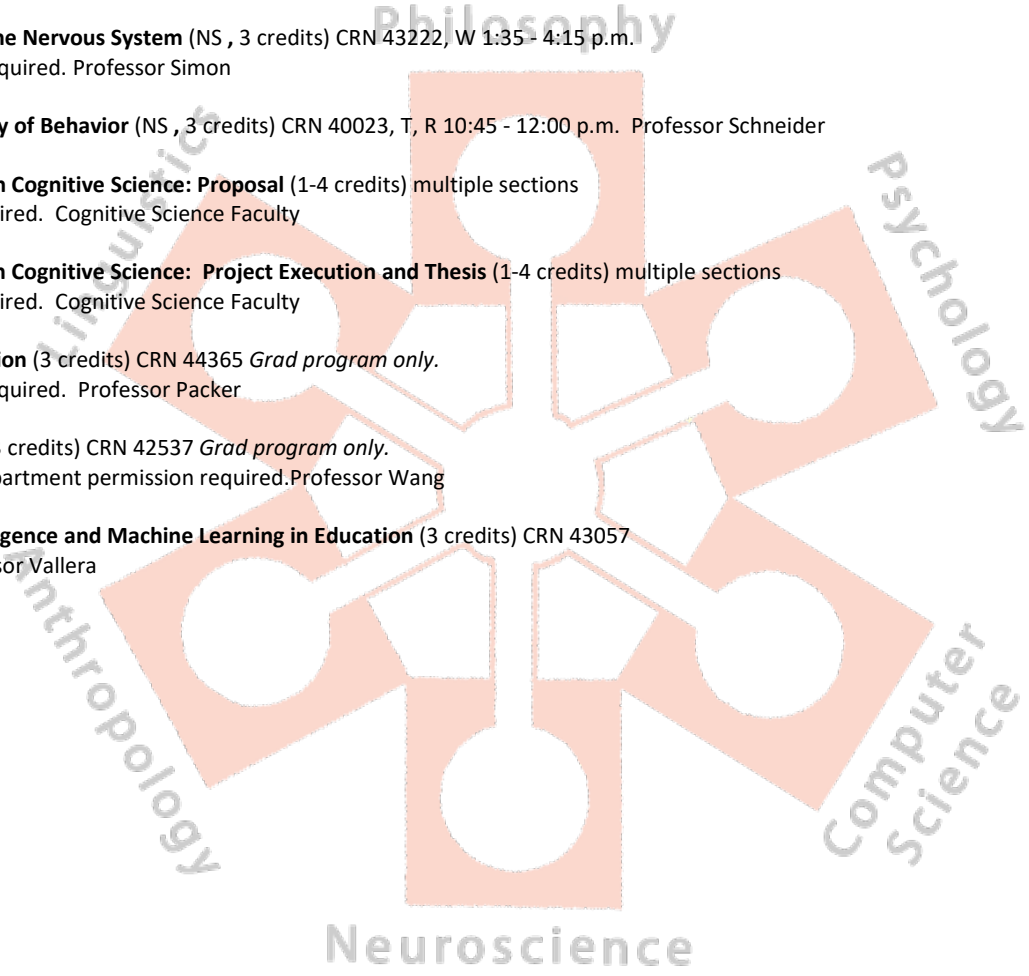
BIOS 366-10 Diseases of the Nervous System (NS **,** 3 credits) CRN 43222, W 1:35 - 4:15 p.m.
Department permission required. Professor Simon

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