

# COGS COMPUTATION AND COGNITION (ACGC)

Code	Title	Course Units
BCHE 2280	Physical Models of Biological Systems	1
BE 5300	Theoretical and Computational Neuroscience	1
BIOL 1110	Introduction to Brain and Behavior	1
BIOL 2140	Evolution of Behavior: Animal Behavior	1
BIOL 4110	Neural Systems and Behavior	1
BIOL 4142	Neurobiology of Learning and Memory	1
BIOL 4536	Introduction to Computational Biology & Biological Modeling	1
BIOL 5110	Neural Systems and Behavior	1
CIS 1100	Introduction to Computer Programming	1
CIS 1200	Programming Languages and Techniques I	1
CIS 1210	Programming Languages and Techniques II	1
CIS 1400	Introduction to Cognitive Science	1
CIS 1600	Mathematical Foundations of Computer Science	1
CIS 2610	Discrete Probability, Stochastic Processes, and Statistical Inference	1
CIS 2620	Automata, Computability, and Complexity	1
CIS 3200	Introduction to Algorithms	1
CIS 3340	Advanced Topics in Algorithms	1
CIS 3900	Robotics: Planning Perception	1
CIS 4190	Applied Machine Learning	1
CIS 4210	Artificial Intelligence	1
CIS 4300	Natural Language Processing	1
CIS 4360	Introduction to Computational Biology & Biological Modeling	1
CIS 5110	Theory of Computation	1
CIS 5180	Topics in Logic: Finite Model Theory and Descriptive Complexity	1
CIS 5200	Machine Learning	1
CIS 5300	Natural Language Processing	1
CIS 6250	Theory of Machine Learning	1
COGS 1001	Introduction to Cognitive Science	1
COGS 2982	Study Abroad	1
COGS 3998	Senior Thesis	1
COGS 3999	Independent Study	1
COGS 4290	Big Data, Memory and the Human Brain	1
ECON 0120	Strategic Reasoning	1
ECON 4100	Game Theory	1
ECON 4120	Social Choice Theory	1
ECON 4140	Decision Making Under Uncertainty	1
ECON 4160	Behavioral Economics	1
LGIC 1710	Introduction to Logic	1
LGIC 3200	Logic and Computability 2	1
LGIC 4960	Topics in Mathematical Logic	1
LING 0001	Introduction to Linguistics	1
LING 0750	Language and Thought	1
LING 1005	Introduction to Cognitive Science	1
LING 1700	Experimental Approaches to the Study of Language	1
LING 1750	Psychology of Language	1
LING 2100	Introduction to Language Change	1
LING 2210	Phonetics I: Experimental	1
LING 2220	Phonetics II: Data Science	1
LING 2250	Computer Analysis and Modeling of Biological Signals and Systems	1
LING 2300	Sound Structure of Language	1
LING 2500	Introduction to Syntax	1
LING 2700	Language Acquisition	1
LING 3410	Morphology I	1
LING 3740	Neurolinguistics	1
LING 3750	Psycholinguistics Seminar	1
LING 3810	Semantics I	1
LING 3850	Experiments in the Study of Meaning	1
LING 5150	Dynamics of Language	1
LING 5210	Phonetics I: Experimental	1
LING 5220	Phonetics II: Data Science	1
LING 5250	Computer Analysis and Modeling of Biological Signals and Systems	1
LING 5310	Phonology I	1
LING 5320	Phonology II	1
LING 5450	Mental Lexicon	1
LING 5510	Syntax I	1
LING 5520	Syntax II	1
LING 5700	Developmental Psycholinguistics	1
LING 5810	Semantics I	1
LING 5820	Semantics II	1
MATH 1400	Calculus, Part I	1
MATH 1410	Calculus, Part II	1
MATH 1510	Calculus, Part II with Probability and Matrices	1
MATH 5710	Logic and Computability 2	1
MATH 6770	Topics in Logic	1
NETS 3120	Theory of Networks	1
NETS 4120	Algorithmic Game Theory	1
NGG 5940	Theoretical and Computational Neuroscience	1
NRSC 1110	Introduction to Brain and Behavior	1
NRSC 1159	Memory	1
NRSC 2140	Evolution of Behavior: Animal Behavior	1
NRSC 2217	Visual Neuroscience	1
NRSC 2233	Neuroethology	1
NRSC 2249	Cognitive Neuroscience	1
NRSC 3334	Computational Neuroscience Lab	1
NRSC 4110	Neural Systems and Behavior	1
NRSC 4430	The Cognitive Neuroscience of Autism	1
NRSC 4442	Neurobiology of Learning and Memory	1
NRSC 4473	Neuroeconomics Seminar	1

NRSC 5585	Theoretical and Computational Neuroscience	1	PSYC 3231	Consciousness Seminar in Cognitive Neuroscience	1
OIDD 2900	Decision Processes	1	PSYC 3301	Neurobiology of Learning and Memory	1
PHIL 1170	History of Modern Philosophy	1	PSYC 3310	Psycholinguistics Seminar	1
PHIL 1710	Introduction to Logic	1	PSYC 3790	Neuroeconomics Seminar	1
PHIL 1800	Philosophy of Science	1	PSYC 4281	Computational Neuroscience Lab	1
PHIL 1810	Philosophy of Space and Time	1	PSYC 4290	Big Data, Memory and the Human Brain	1
PHIL 1830	Philosophy of Biology	1	PSYC 4310	Research Experience in Cognitive Psychology	1
PHIL 1840	Introduction to Cognitive Science	1	PSYC 4340	Research Experience in Perception	1
PHIL 2620	Introduction to Epistemology and Metaphysics	1	PSYC 5390	Theoretical and Computational Neuroscience	1
PHIL 2640	Introduction to Philosophy of Mind	1	STAT 4300	Probability	1
PHIL 2660	What is Meaning?	1	STAT 4330	Stochastic Processes	1
PHIL 2680	Introduction to Metaphysics	1	STAT 4420	Introduction to Bayesian Data Analysis	1
PHIL 3200	Twentieth Century Philosophy	1	VLST 2110	Perception	1
PHIL 3620	Topics in Epistemology	1	VLST 2120	Research Experience in Perception	1
PHIL 3623	Philosophy of Perception	1	VLST 2170	Visual Neuroscience	1
PHIL 4600	Origins of Analytic Philosophy	1	VLST 2210	Introduction to Philosophy of Mind	1
PHIL 4620	Theory of Knowledge	1	VLST 2220	Philosophy of Perception	1
PHIL 4640	Philosophy of Mind	1			
PHIL 4660	Philosophy of Language	1			
PHIL 4720	Topics in Mathematical Logic	1			
PHIL 4722	Logic and Computability 2	1			
PHIL 4723	Introduction to Mathematical Logic	1			
PHIL 4770	Philosophy of Mathematics	1			
PHIL 4800	Philosophy of Science.	1			
PHIL 4840	Philosophy of Psychology	1			
PHIL 4843	Philosophy and Visual Perception	1			
PHIL 5840	Philosophy of Psychology	1			
PHIL 6720	Topics in Logic	1			
PHIL 6722	Logic and Computability 2	1			
PHIL 6770	Philosophy of Mathematics	1			
PHYS 2280	Physical Models of Biological Systems	1			
PHYS 5585	Theoretical and Computational Neuroscience	1			
PPE 3001	Strategic Reasoning	1			
PPE 3003	Behavioral Economics and Psychology	1			
PSYC 0001	Introduction to Experimental Psychology	1			
PSYC 1210	Introduction to Brain and Behavior	1			
PSYC 1230	Cognitive Neuroscience	1			
PSYC 1310	Language and Thought	1			
PSYC 1333	Introduction to Cognitive Science	1			
PSYC 1340	Perception	1			
PSYC 1530	Memory	1			
PSYC 1777	Introduction to Developmental Psychology	1			
PSYC 2220	Evolution of Behavior: Animal Behavior	1			
PSYC 2240	Visual Neuroscience	1			
PSYC 2310	Psychology of Language	1			
PSYC 2377	Cognitive Development	1			
PSYC 2737	Judgment and Decisions	1			
PSYC 2750	Behavioral Economics and Psychology	1			
PSYC 3220	Neural Systems and Behavior	1			