Cognitive Science Certificate - AY 2023-2024 Course Schedule			Updated: 12.12.23
	Fall 2023	**Winter 2024**	**Spring 2024**
Anthropology			
ANTHRO 360 – Language and Culture			
ANTHRO 361 – Talk as Social Action			
ANTHRO 377 – Psychological Anthropology			
ANTHRO 461 – Methods of Linguistic Anthropology			
ANTHRO 484 – Topics in Linguistic Anthropology		W 2pm-4:50pm	
ANTHRO 490 – Advanced Topics Ling: Semiotic Anthropology			
ANTHRO 490 – Language, Race & Ethnicity			
POLI SCI 490 – Topics in Political Science, Bayesian Analysis			
CSD			
CSD 302 – Anatomy and Physiology of the Peripheral Hearing Mechanism	MW 3:30pm - 5:20pm		
CSD 306 – Psychoacoustics		TTh 2pm-3:20pm	
CSD 310 – Biological Foundations of Speech and Music		TTh 2pm-3:20pm	
CSD 376 – Diagnostic and Remedial Approaches for Children with Learning			
CSD 410 – Biological Foundations of Speech and Music		TTh 2pm-3:20pm	
CSD 444 – Development and Disorders of Mathematics			
CSD 457 – Language Science (Requires instructor permission)	TTh 12:30pm-1:50pm		
CSD 550 – Research Procedures in CSD	W 1pm-4pm	TTh 11am-12:20pm	F 1pm-3pm
Computer Science			
COMP SCI 325 – Artificial Intelligence Programming	MWF 11am-11:50am		
COMP_SCI 337 – Natural Language Processing	MW 3:30pm-4:50pm	MW 3:30pm-4:50pm	
COMP_SCI 344 – Design of Computer Problem Solvers		TTh 2pm-3:20pm	
COMP_SCI 348 – Introduction to Artificial Intelligence	MW 11am-12:20pm		TTh 9:30-10:50am
COMP_SCI 349 – Machine Learning	MW 11am-12:20pm	TTh 12:30pm-1:50pm	MW 9:30am-10:50am
COMP_SCI 352 – Machine Perception of Music & Audio			
COMP_SCI 359 – Digital Signal Processing			
COMP_SCI 376 – Game Design and Development	MWF 4pm-4:50pm		
COMP_SCI 377 – Game Development Studio		MW 6pm-7:20pm	
COMP_SCI 395 – Knowledge Representation			
COMP_SCI 396 – Multi-modal Analytics			
COMP_SCI 435 – Neural Networks			
COMP_SCI 472 – Introduction to Agent-Based Modeling			
COMP_SCI 495 – Innovative Technologies in Autism			
COMP_SCI 497 – Multi-modal Analytics		TTh 11am-12:20pm	
COMP_SCI 497 – Algorithms and Society	TTh 2pm-3:50pm		
Linguistics			
LING 311 – Child Language			
LING 315 – Experimental Approaches to Word Form and Lexical Processing			TBD
LING 316 – Experimental Syntax			
LING 317 – Experimental Pragmatics			
LING 320 – Sociolinguistics			
LING 321 – Bilingualism		MW 2pm-3:20pm	
LING 323 – Language & Gender			
LING 327 – Language & Sexuality			TBD
LING 334 – Introduction to Computational Linguistics		TTh 11am-12;20pm	
LING 340 – Historical Linguistics			
LING 341 – Language Typology			
LING 342 – Structure of Various Languages	TTh 3:30pm-4:50pm		
LING 342 – Structure of Japanese			
LING 350 – Fundamentals of Laboratory Phonology			TTh 12:30pm-1:50pm

Course	Col1	Col2	Col3
LING 360 – Fundamentals of Syntax	TTh 11am-12:30pm		
LING 361 – Morphology			
LING 370 – Fundamentals of Meaning		MW 3:30pm-4:50pm	
LING 371 – Reference			
LING 372 – Pragmatics			
LING 450-1 – Laboratory Phonology I			
LING 450-2 – Laboratory Phonology II			
LING 452 – Seminar in Sound Structure			
LING 460-1 – Syntactic Analysis I		TTh 12:30pm-1:50pm	
LING 460-2 – Syntactic Analysis II			
LING 462 – Seminar in Syntax			
LING 470-1 – Semantic Analysis I			
LING 470-2 – Semantic Analysis II			
LING 472 – Seminar in Semantics			
LING 473 – Seminar in Pragmatics			TBD
Learning Science			
HDSP 451 – Culture and Development	T 9am-11:50am		Topic TBD
LRN_SCI 401 – Knowledge Representation in the Learning Sciences		W 9:30am-12:20pm	
LRN_SCI 402 – Social Dimensions of Teaching & Learning	W 2pm-4:50pm		
LRN_SCI 403 – Learning in context	T 9:30am-12:20pm		
LRN_SCI 426 – The Design of Technological Tools for Thinking and Learning		W 2pm-4:50pm	
LRN_SCI 451 – Psycholinguistics			TBD
LRN_SCI 452 – Constructionist			W 2pm-4:50pm
Music Cognition			
MUS ED 425 – Quantitative Research in Music		TTh 11am-12:20pm	
MUS ED 437 – Psychology of Music Teaching and Learning	T 2pm-4:50pm		
MUS THRY 335/435 – Topics in Music Cognition			
MUS THRY 336/436 – Topics in Music Cognition			TBD
MUS THRY 451 – Music Cognition	TTh 9:30-10:50am		
NUIN			
NUIN 401 – Fundamentals of Neuroscience	MW 10-11:50am	MW 9-10:50am	MW 9-10:50am
NUIN 411 – Great Experiments in Systems & Cognitive Neuroscience		W 2-5pm	TBD
NUIN 440 – Advance Neuroanatomy		MW 11am -12:50pm (+labs)	
NUIN 470 – Cellular & Molecular Basis of Information Storage			
NUIN 473 – Aging & Dementia			
NUIN 478 – Neuropharmacology of Brain Disorders			
NUIN 480 – Neural Control of Movement			Offering in 2025
Philosophy			
PHIL 325 – Philosophy of Mind	MW 2pm-3:30pm		
PHIL 353 – Philosophy of Language			
PHIL 363 – Philosophy of Psychology			
PHIL 390 – Wittgenstein	TBD		
PHIL 410 – Meaning and Mental Representation			
Psychology			
PSYCH 312 – Neurobiology and Behavior			
PSYCH 321 – Neuroscience and Behavior Laboratory			
PSYCH 324 – Perception	TTh 5pm:6:20pm		
PSYCH 333 – The Psychology of Thinking			MW 2pm-3:20pm
PSYCH 334 – Language and Thought			
PSYCH 335 – Heuristic Decision Processes			
PSYCH 361 – Brain Damage and the Mind			
PSYCH 362 – Cognitive Development			

Course			
PSYCH 401-1 – Psychology Proseminar: Biological and Cognitive Basis of Beha	F 1pm-3pm		
PSYCH 405 – Psychometric Theory			MW 5:30-7:30pm
PSYCH 424 – Behavioral and Neural Bases of Visual Perception			
PSYCH 446 – Human Memory and Cognition			
PSYCH 453 – Linear Models	TTh 6pm-7:20pm		
PSYCH 460 – Special Topics in Cognition		W 2pm-4:50pm	W 9am-11:50pm
PSYCH 461 – Reasoning and Representation			MW 5-6:20pm
PSYCH 462 – Cognitive Development			
PSYCH 466 – Analogy and Similarity	T 2pm-4:50pm		
PSYCH 467 – Culture and Cognition			
PSYCH 470 – Social, Cultural and Affective Neuroscience			
PSYCH 470 – Cognitive Neuroscience of Memory			TBD
PSYCH 470 – The Creative Brain			
PSYCH 470 – Mind and Brain (co-listed as CogSci 401)			
PSYCH 486 – Stereotyping and Prejudice		T11am-1:50pm	