

<b>Cognitive Science Certificate - AY 2024-2025 Course Schedule</b>		<b>Updated: 11/13/2024</b>	
	<b>Fall 2024</b>	<b>Winter 2025</b>	<b>Spring 2025</b>
<b>Anthropology</b>			
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			
ANTHRO 490 – Advanced Topics Ling: Semiotic Anthropology			
ANTHRO 490 – Language, Race & Ethnicity			
POLI SCI 490 – Topics in Political Science, Bayesian Analysis			
<b>CSD</b>			
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	W 6:30pm-8pm		W 6:30pm-8pm
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)	MW 8am-9:20am		
CSD 550 – Research Foundations in CSD	M 3-4:30pm; W 2:30-4pm	T 1pm-3:40pm	Th 2pm-4pm
<b>Computer Science</b>			
COMP SCI 325 – Artificial Intelligence Programming	MWF 11am-11:50am		
COMP SCI 337 – Natural Language Processing	MW 3:30pm-4:50pm		
COMP SCI 344 – Design of Computer Problem Solvers		TTh 1pm-2:20pm	
COMP SCI 348 – Introduction to Artificial Intelligence	TTh 3:30pm-4:50pm	MW 3:30pm-4:50pm	TTh 12:30pm-1:50pm
COMP SCI 349 – Machine Learning	TTh 2pm-3:20pm	TTh 9:30am-10:50am	TTh 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			
COMP SCI 395 – Knowledge Representation			
COMP SCI 396 – Multi-modal Analytics			
COMP SCI 435 – Neural Networks			
COMP SCI 472 – Designing and Constructing Models with Multi-Agent Languages			TTh 3:30pm-4:50pm
COMP SCI 495 – Innovative Technologies in Autism			
COMP SCI 497 – Multi-modal Analytics			
COMP SCI 497 – Algorithms and Society			
<b>Linguistics</b>			
LING 311 – Child Language			
LING 315 – Experimental Approaches to Word Form and Lexical Processing			
LING 316 – Experimental Syntax			
LING 317 – Experimental Pragmatics	MW 3:30pm-4:50pm		
LING 320 – Sociolinguistics		TTh 11am-12:20pm	
LING 321 – Bilingualism	TTh 2pm-3:20pm		
LING 323 – Language & Gender			
LING 327 – Language & Sexuality			TTh 2pm-3:20pm
LING 334 – Introduction to Computational Linguistics			
LING 340 – Historical Linguistics			
LING 341 – Language Typology			
LING 342 – Structure of Various Languages			
LING 342 – Structure of Japanese			
LING 350 – Fundamentals of Laboratory Phonology			

<b>Cognitive Science Certificate - AY 2024-2025 Course Schedule</b>		<i>Updated: 11/13/2024</i>	
	<b>Fall 2024</b>	<b>Winter 2025</b>	<b>Spring 2025</b>
LING 360 – Fundamentals of Syntax	TTh 3:30pm-4:50pm		
LING 361 – Morphology			
LING 370 – Fundamentals of Meaning		MW 2pm-3:20pm	
LING 371 – Reference			
LING 372 – Pragmatics			
LING 450-1 – Laboratory Phonology I			
LING 450-2 – Laboratory Phonology II			
LING 452 – Seminar in Sound Structure			TBD
LING 460-1 – Syntactic Analysis I			
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			MW 2pm-3:20pm
<b>Learning Science</b>			
HDSP 451 – Culture and Development			
LRN_SCI 401 – Knowledge Representation in the Learning Sciences		M 2pm-4:50pm	
LRN_SCI 402 – Social Dimensions of Teaching & Learning		T 9:30am-12:20pm	Th 2pm-4:50pm
LRN_SCI 403 – Foundations of the Learning Science	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			
LRN_SCI 452 – Constructionist			
<b>Music Cognition</b>			
MUS ED 425 – Quantitative Research in Music			
MUS ED 437 – Psychology of Music Teaching and Learning			
MUS THRY 335/435 – Topics in Music Cognition (relevant sections)			TTh 9:30am-10:50am
MUS THRY 336/436 – Topics in Music Cognition (relevant sections)		TTh 11am-12:20pm	MW 12:30pm-1:50pm
MUS THRY 451 – Music Cognition			
<b>NUIN</b>			
NUIN 401 – Fundamentals of Neuroscience	MW 10am-11:50am	MW 9:30am-10:50am	MW 9:30am-10:50am
NUIN 411 – Great Experiments in Systems & Cognitive Neuroscience		W 2pm-5pm	W 2pm-5pm
NUIN 440 – Advance Neuroanatomy		MW 11am-12:50pm	
NUIN 470 – Cellular & Molecular Basis of Information Storage			Th 9am-12pm
NUIN 473 – Aging & Dementia			MW 3pm-5pm
NUIN 478 – Neuropharmacology of Brain Disorders			
NUIN 480 – Neural Control of Movement			
<b>Philosophy</b>			
PHIL 325 – Philosophy of Mind		MW 9:30am-10:50am	
PHIL 353 – Philosophy of Language			TBD
PHIL 363 – Philosophy of Psychology			
PHIL 390 – Wittgenstein			TBD
PHIL 410 – Meaning and Mental Representation			
<b>Psychology</b>			
PSYCH 312 – Neurobiology and Behavior			
PSYCH 321 – Neuroscience and Behavior Laboratory			
PSYCH 324 – Perception	TTh 5pm-6:20pm		
PSYCH 333 – The Psychology of Thinking			TTh 2pm-3:20pm
PSYCH 334 – Language and Thought			
PSYCH 335 – Heuristic Decision Processes			

<b>Cognitive Science Certificate - AY 2024-2025 Course Schedule</b>	<b>Updated: 11/13/2024</b>		
	<b>Fall 2024</b>	<b>Winter 2025</b>	<b>Spring 2025</b>
PSYCH 361 – Brain Damage and the Mind			
PSYCH 362 – Cognitive Development			
PSYCH 401-1 – Psych Prosem: Biological and Cognitive Basis of Behavior	F 1pm-3pm		
PSYCH 405 – Psychometric Theory			MW 5pm-7pm
PSYCH 424 – Behavioral and Neural Bases of Visual Perception			
PSYCH 446 – Human Memory and Cognition			TTh 5pm-6:20pm
PSYCH 453 – Linear Models	TTh 6pm-7:20pm		
PSYCH 460 – Special Topics in Cognition		W 2pm-4:50pm	
PSYCH 461 – Reasoning and Representation			
PSYCH 462 – Cognitive Development			
PSYCH 466 – Analogy and Similarity			
PSYCH 467 – Culture and Cognition			
PSYCH 470 – Social, Cultural and Affective Neuroscience			
PSYCH 470 – Cognitive Neuroscience of Memory			
PSYCH 470 – The Creative Brain			
PSYCH 470 – Mind and Brain (co-listed as CogSci 401)	M 2pm-4:50pm		
PSYCH 486 – Stereotyping and Prejudice		T 11am-1:50pm	