COGNITIVE SCIENCE COURSE TABLE

Updated October 13, 2026

Notes:

- This table is **updated quarterly** and may not reflect real time changes in other departments. Please check back quarterly for the most up-to-date course information.
- Students may follow the major and minor requirements in effect during any year of their enrollment at Northwestern. Please see the archived undergraduate catalog for details about the major/minor requirements from previous years.

2026-2027 Requirements

Major Requirements (13 units)		**Pre Reg**	**Fall 2026**	**Winter 2027**	**Spring 2027 (TENTATIVE)**
3 Required introductory courses					
COG_SCI 110-0	Introduction to Cognitive Science	yes	TTH 11am-12:20pm		
COMP_SCI 110-0	Introduction to Computer Programming		MWF 10AM-10:50AM		TTh 9:30-10:50
OR COMP_SCI 150-0	Fundamentals of Programming and Computational Problem Solving			MWF 11AM-11:50AM	
OR GEN_ENG 150-0	Programming for Engineers			MWF 1PM-1:50PM	MWF 12PM-12:50PM or 1PM-1:50PM
OR GEN_ENG 151-0	Honors Programming for Engineers				
OR STAT 201-0	Introduction to Programming for Data Science		MWF 3PM-3:50PM	MWF 3PM-3:50PM	MWF 2:00PM-2:50PM
STAT 202-0	Introduction to Statistics and Data Science		MWF 9AM-9:50AM	MWF 9AM-9:50AM	MWF 9AM-9:50AM
OR PSYCH 201-0	Statistical Methods in Psychology	yes	TTh 11AM-12:20PM	TTh 2PM-3:20PM	Day/Time TBD
OR STAT 210-0	Introduction to Probability and Statistics			Multiple Sections Offered	
1 Required proseminar					
COG_SCI 366-0	Cognitive Science Proseminar	yes			T 3PM-5:50PM
5 Theme courses, one from each of the five themes listed below.					
Theme: Brains & Bodies					
COG_SCI 210-0	Language and the Brain	yes			
LING 250-0	Sound Patterns in Human Language		MWF 9:30AM-10:50AM		TTh 3:30PM-4:50PM
MUS_THRY 251-0	Intro to Music Cognition		MW 9:30AM-10:50AM		TTh 11AM-12:20PM
NEUROSCI 326-0	Neurobiology of Learning and Memory				TTh2PM-3:20PM
PSYCH 221-0	Introduction to Neuroscience	yes	TTH 3:30PM – 4:50PM	TTh 11AM-12:20PM	
Theme: Learning over Lifetimes					
COG_SCI 211-0	Learning, Representation & Reasoning	yes			TTh 12:30PM-1:50PM
CSD 392-0	Language Development and Usage			MW 2PM-3:20PM	

PSYCH 228-0	Cognitive Psychology	yes	MW 11:00AM-12:20PM	MW 2PM-3:20PM	Day/Time TBD
PSYCH 244-0	Developmental Psychology		MW 2PM-3:20PM	MW 3:30PM-4:40PM	
Theme: Models & Machines					
COG_SCI 207-0	Introduction to Cognitive Modeling	yes	TTH 3:30PM – 4:50PM		
COMP_SCI 348-0	Introduction to Artificial Intelligence		TTH 2PM-3:20PM	TTh 2PM-3:20PM	TTh 11-12:20
LING 260-0	Formal Analysis of Words & Sentences			TTh 9:30AM-10:50AM	
LING 334-0	Introduction to Computational Linguistics				
PHIL 225-0	Minds and Machines				
PHIL 325-0	Philosophy of Mind		MW 2PM-3:20PM		
Theme: Reasoning & Rhetoric					
COG_SCI 202-0	Evaluating Evidence				
LING 270-0	Meaning			TTh 2PM-3:20PM	MW 9:30AM-10:50AM
PHIL 255-0	Theory of Knowledge			Multiple Sections Offered	
POLI_SCI 335-0	Political Psychology				
PSYCH 333-0	Psychology of Thinking	Yes			Day/Time TBD
PSYCH 373-0	Decision Making	yes			Day/Time TBD
Theme: Collective Cognition					
ANTHRO 377-0	Psychological Anthropology				
COG_SCI 345-0	Presenting Ideas & Data	yes		M 2PM-4:50PM	
LOC 214-0	Culture and Cognition		MW 3:30PM-4:50PM	TTh 12:30PM-1:50PM	
LOC 308-0	Redesigning Everyday Organizations				W 2PM-4:50PM
LOC 313-0	Learning and Thinking In Organizations		TTh 2:00PM-3:20PM	MW 9:30AM-10:50AM	
PSYCH 344-0	Cultural Psychology				
Electives:					
ANTHRO 360-0	Language and Culture				
ANTHRO 361-0	Talk as Social Action				
ANTHRO 389-0	Ethnographic Methods and Analysis			T 2PM-4:50PM	W 2:00PM-4:50PM
BIOL_SCI 302-0	Fundamentals of Neurobiology			TTh 9:30AM-10:50AM	
CSD 301-0	Anatomy and Physiology of the Vocal Mechanism				
CSD 302-0	Anatomy and Physiology of the Peripheral Hearing Mechanism		MW 3:30PM-5:20PM		
CSD 303-0	Brain and Cognition			TTh 12:30PM-1:50PM	
CSD 306-0	Psychoacoustics			TTh 2PM-3:20PM	
CSD 309-0	Culture, Language and Learning				
CSD 310-0	Biological Foundations of Speech and Music				
CSD 342-0	Language and Cognition across Neurodevelopmental Conditions				TTh 2PM-3:20PM

CSD 373-0	Introduction to Learning Disabilities				
CSD 376-0	Diagnostic & Remedial Approaches for Children With Learning Problems		W 6:30PM-8:00PM		
CSD 382-0	The Autism Spectrum				
CSD 388-0	Attention Deficit Disorder and Related Disorders				
CSD 392-0	Language Development and Usage			MW 2PM-3:20PM	
COMM_ST 227-0	Communication & Technology		TTh 12:30PM-1:50PM		
COMM_ST 351-0	Technology & Human Interaction			TTh 9:30AM-10:50AM	
COMP_SCI 314-0	Technology and Human Interaction			TTh 9:30AM-10:50AM	
COMP_SCI 325-0	Artificial Intelligence Programming		MWF 11AM-11:50AM		
COMP_SCI 330-0	Human Computer Interaction		TTh 3:30PM -4:50PM		TTh 9:30AM-10:50AM
COMP_SCI 337-0	Natural Language Processing: Classical Approaches				
COMP_SCI 338-0	Practicum in Intelligent Information Systems		TTH 11AM-12:20PM	TTh 11AM-12:20PM	MW 11AM-12:20PM
COMP_SCI 344-0	Design of Computer Problem Solvers			TTh 1PM-2:20PM	
COMP_SCI 347-0	Conversational AI				TTh 3:30PM-4:50PM
COMP_SCI 349-0	Machine Learning		TTh 9:30AM-10:50AM	TTh 9:30AM-10:50AM	TTh 11AM-12:20PM
COMP_SCI 371-0	Knowledge Representation and Reasoning				
COMP_SCI 372-0	Designing and Constructing Models with Multi-Agent Languages				
ECON 330-0	Behavioral Economics		Multiple Sections Offered	Multiple Sections Offered	TTh 12:30PM-1:50PM + Discussions
LING 300-0	Topics in Linguistics			Multiple Sections Offered	MW 2:00PM-3:20PM
LING 315-0	Experimental Approaches to Word Form Processing				
LING 316-0	Experimental Syntax				
LING 317-0	Experimental Pragmatics		TTh 9:30AM-10:50AM		
LING 321-0	Bilingualism				
LING 330-0	Research Methods in Linguistics				
LING 341-0	Language Typology		MW 2PM-3:20PM		
LING 342-0	Structure of Various Languages				
LING 350-0	Fundamentals of Laboratory Phonology				TTh 9:30AM-10:50AM
LING 360-0	Fundamentals of Syntax			TTh 3:30PM-4:50PM	
LING 370-0	Fundamentals of Meaning		MW 3:30PM-4:50PM		
LING 371-0	Reference				
LING 372-0	Pragmatics				
LING 373-0	Implicature				
LRN_SCI 301-0	Design of Learning Environments		Multiple Sections Offered	MW 2PM-3:20PM	MW 3:30PM-4:50PM
MUSIC 320-0	Listening in the Age of the Algorithm			MW 9:30AM-10:50AM	
MUS_THRY 341-0	Sound to Structure				

MUS THRY 348-0	Corpus Studies				
NEUROSCI 320-0	Animal Behavior		TTH 2PM-3:20PM		
NEUROSCI 360-0	Neuroscience of Brain Disorders			MWF 1PM-1:50PM	
NEUROSCI 377-0	Neurobiology of Sensation and Perception		MWF 1PM-1:50PM		
PHIL 250-0	Elementary Logic II			TTh 9:30AM-10:50AM	TTh 12:30PM-1:50PM
PHIL 253-0	Introduction to the Philosophy of Language				
PHIL 327-0	Philosophy of Psychology				Time TBD
PHIL 330-0	Practical Reasoning and Choice				
PHIL 350-0	Advanced Logic				
PHIL 351-0	Advanced Topics in Philosophical Logic				
PHIL 353-0	Philosophy of Language				TTh 11AM-12:20PM
PSYCH 324-0	Perception	Yes	TTH 5:00PM-6:20PM		
PSYCH 327-0	Brain and Cognition	Yes		TTh 12:30PM-1:50PM	
PSYCH 328-0	Brain Damage and the Mind	Yes			
PSYCH 336-0	Consciousness	Yes			Day/Time TBD
PSYCH 345-0	Presenting Ideas and Data			M 2PM-4:50PM	
PSYCH 370-0	Cognitive Development	Yes	TTH 2PM-3:20PM		
PSYCH 372-0	Language and Cognition	Yes		T 12:30PM-3:20PM	
PSYCH 374-0	Human Memory	Yes			
Also, relevant sections of:					
Note: All sections of the courses below require approval from the Director of Undergraduate Studies to count toward requirements					
ANTHRO 390-0	Topics In Anthropology		Multiple Sections Offered	Multiple Sections Offered	Multiple Sections Offered
CSD 369-0	Special Topics in Communication Sciences and Disorders				
COMP SCI 396-0	Special Topics in Computer Science		Multiple Sections Offered	Multiple Sections Offered	
MUS THRY 335-0	Selected Topics in Music Theory		MW 11AM-12:20PM	Multiple Sections Offered	
MUS THRY 336-0	Selected Topics in Music Cognition				TTh 9:30AM-10:50AM
PSYCH 330-0	Special Topics in Cognition/Neuroscience				Day/Time TBD
PSYCH 375 (Previously PSYCH 391)	Advanced Seminar in Cognition or Neuroscience			W 3:30PM-6:20PM	

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