

# COGNITIVE SCIENCE (COG\_SCI)

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**COG\_SCI 110-0 Introduction to Cognitive Science (1 Unit)** How Cognitive Science integrates theoretical and empirical perspectives from different fields to study the mind, brain, and intelligence, exemplified by interdisciplinary work conducted at Northwestern University. *Social Behavioral Sciences Distro Area Social and Behavioral Science Foundational Discipl*

**COG\_SCI 202-0 Evaluating Evidence (1 Unit)** Introduction to evaluation of qualitative and quantitative evidence across science, politics, society, health, education, and industry. POLI\_SCI 212-0 and COG\_SCI 202-0 are taught together; may not receive credit for both courses. *Empirical and Deductive Reasoning Foundational Dis Formal Studies Distro Area Social Behavioral Sciences Distro Area*

**COG\_SCI 207-0 Introduction to Cognitive Modeling (1 Unit)** Introduction to artificial intelligence and cognitive science. Fundamental questions concerning thinking, language understanding, analogy, commonsense reasoning, education, emotions and consciousness. *Formal Studies Distro Area Social Behavioral Sciences Distro Area Social and Behavioral Science Foundational Discipl*

**COG\_SCI 210-0 Language and the Brain (1 Unit)** The study of language and its biological basis from linguistic, psychological, and neuroscientific perspectives. *Natural Sciences Distro Area Natural Sciences Foundational Discipline*

**COG\_SCI 211-0 Learning, Representation & Reasoning (1 Unit)** Interdisciplinary study of the nature of the mind with emphasis on learning, representation, and reasoning. *Social Behavioral Sciences Distro Area Social and Behavioral Science Foundational Discipl*

**COG\_SCI 220-0 Selected Topics in Cognitive Science (1 Unit)** Topics in cognitive science. Content varies. May be repeated for credit with change of topic.

**COG\_SCI 345-0 Presenting Ideas & Data (1 Unit)** Understanding principles of cognitive psychology, data visualization, and graphic design to present ideas and data in an engaging, clear, and memorable manner. PSYCH 345-0 and COG\_SCI 345-0 are taught together; may not receive credit for both courses. *Advanced Expression Social Behavioral Sciences Distro Area Social and Behavioral Science Foundational Discipl*

**COG\_SCI 366-0 Cognitive Science Proseminar (1 Unit)** Seminar focused on current trends in cognitive science research and discussions with Northwestern cognitive science faculty. For cognitive science majors/minors or with consent of instructor.

**COG\_SCI 398-1 Senior Thesis Seminar (1 Unit)** Independent research for a senior thesis under the direction of department faculty. By invitation only.

**COG\_SCI 398-2 Senior Thesis Seminar (1 Unit)** Independent research for a senior thesis under the direction of department faculty. By invitation only.

**COG\_SCI 399-0 Independent Study (1 Unit)** Faculty-directed research. Consent of instructor required.