Cognitive Science Minor

The minor in cognitive science broadens the academic background of students majoring in related fields, providing them with the methods and foundations for understanding cognitive issues in an interdisciplinary framework.

### Course Title

**Minor Requirements (8 units)**

2 **required introductory courses:**
- COG_SCI 110-0 Introduction to Cognitive Science
- COG_SCI 202-0 Evaluating Evidence

1 **methodology course chosen from:**
- COMP_SCI 110-0 Introduction to Computer Programming
- COMP_SCI 111-0 Fundamentals of Computer Programming
- PSYCH 201-0 Statistical Methods in Psychology
- STAT 202-0 Introduction to Statistics

3 **Theme courses, each selected from a different one of the five themes listed below**

**Theme: Brains & Bodies**
- COG_SCI 210-0 Language and the Brain
- LING 250-0 Sound Patterns in Human Language
- MUS_THRY 251-0 Intro to Music Cognition
- NEUROSCI 326-0 Neurobiology of Learning and Memory
- PSYCH 221-0 Introduction to Neuroscience

**Theme: Learning over Lifetimes**
- COG_SCI 211-0 Learning, Representation & Reasoning
- PSYCH 228-0 Cognitive Psychology
- PSYCH 244-0 Developmental Psychology

**Theme: Models & Machines**
- COG_SCI 207-0 Introduction to Cognitive Modeling
- COMP_SCI 348-0 Introduction to Artificial Intelligence
- LING 260-0 Formal Analysis of Words & Sentences
- LING 334-0 Introduction to Computational Linguistics
- PHIL 225-0 Minds and Machines
- PHIL 325-0 Philosophy of Mind

**Theme: Reasoning & Rhetoric**
- LING 270-0 Meaning
- PHIL 255-0 Theory of Knowledge
- POLI_SCI 335-0 Political Psychology
- PSYCH 333-0 Psychology of Thinking
- PSYCH 373-0 Decision Making

**Theme: Collective Cognition**
- ANTHRO 377-0 Psychological Anthropology
- COG_SCI 245-0 Presenting Ideas & Data
- LOC 214-0 Culture and Cognition
- LOC 308-0 Redesigning Everyday Organizations
- LOC 313-0 Learning and Thinking in Organizations
- PSYCH 344-0 Cultural Psychology

2 **Elective courses**

Elective courses can be chosen from the Theme lists above or from the Elective Courses list shown under the Cognitive Science major (https://catalogs.northwestern.edu/undergraduate/arts-sciences/cognitive-science/cognitive-science-major/).