

Cognitive Science MINOR (Catalog Year 2024-2025)

Course Requirements

To earn a minor in Cognitive Science, students must complete 15 credits at the 2000-level or above. **COGS 2201** is required, plus **four** additional courses coming from at least **three** areas (A through F). Students can only use **up to two courses** from the same department to meet your requirements. The student must earn a C (2.0) or better in each of the courses for the minor. A maximum of three credits counted towards the minor may come from transfer credit for courses equivalent to University of Connecticut courses. **Substitutions are not possible for required courses in a minor.**

Bullets of requirements:

- Students must complete **15 credits** at the **2000-level or above** to earn a **Cognitive Science minor**.
- **COGS 2201 is required**, plus **four additional courses** from **at least three different areas (A through F)**.
- A maximum of **two courses (no more than two)** from the same department can count toward the minor.
- Students must earn a **grade of C (2.0) or better** in each course for the minor.
- Up to **three credits** may come from **transfer courses** that are equivalent to **University of Connecticut courses**.
- **Substitutions are not allowed** for required courses in the minor.

A. Cognition:	ANTH 3250; CSE 4705; PHIL 3247/W, 3250/W; PSYC 2500, 2501.
B. Language:	LING 2010Q, 3610W; PHIL 3241; PSYC 3500.
C. Perception:	PHIL 3256/W; PSYC 3501, 3502.
D. Development:	PSYC 2400, 3470/W; SLHS 2204, 4254/W; 4376.
E. Neuroscience:	PHIL 3249/W; PNB 3251; PSYC 2200, 3270; SLHS 4245/W.
F. Formal Systems:	CSE 2500, 3502; LING 3000Q, 3310Q, 3410Q, 3511Q; PHIL 2211Q, 3214.

The requirement "**Students can only use up to two courses from the same department to meet your requirements**" means that when selecting the four additional courses for the minor (four additional courses coming from at least three areas (A through F), you cannot take more than **two courses from the same academic department** (e.g., Psychology, Linguistics, Philosophy, Computer Science, etc.).

Example I of a Course Selection That Works:

(Ensures courses come from at least three areas and no more than two from the same department)

1. **COGS 2201 (required)**
2. **PSYC 2500 (Cognition – Area A) [Psychological Sci.]**
3. **LING 2010Q (Language - Area B) [Linguistics]**
4. **SLHS 2204 (Development - Area D) [SLHS]**
5. **PSYC 2200 (Neuroscience - Area E) [Psychological Sci.]**

A. Cognition:	ANTH 3250; CSE 4705; PHIL 3247/W, 3250/W; PSYC 2500 , 2501.
B. Language:	LING 2010Q , 3610W; PHIL 3241; PSYC 3500.
C. Perception:	PHIL 3256/W; PSYC 3501, 3502.
D. Development:	PSYC 2400, 3470/W; SLHS 2204 , SLHS 4254/W, 4376.
E. Neuroscience:	PHIL 3249/W; PNB 3251; PSYC 2200 ; 3270; SLHS 4245/W.
F. Formal Systems:	CSE 2500, 3502; LING 3000Q; 3310Q, 3410Q, 3511Q; PHIL 2211Q, 3214.

This selection works because:

- The four courses are selected from **at least three different areas** (A, B, D, and E).
- A maximum of **two courses from the same department** (only **two PSYC** courses are selected).

✓ **Example II of a Course Selection That Works:**

(Ensures courses come from at least three areas and no more than two from the same department)

1. **COGS 2201 (required)**
2. **PSYC 2500 (Cognition – Area A) [Psychological Sci.]**
3. **PSYC 3500 (Language - Area B) [Psychological Sci.]**
4. **LING 2010Q (Language - Area B) [Linguistics]**
5. **LING 3000Q (Formal Systems - Area F) [Linguistics]**

- A. *Cognition:* ANTH 3250; CSE 4705; PHIL 3247/W, 3250/W; **PSYC 2500**, 2501.
B. *Language:* **LING 2010Q**, 3610W; PHIL 3241; **PSYC 3500**.
C. *Perception:* PHIL 3256/W; PSYC 3501, 3502.
D. *Development:* PSYC 2400, 3470/W; SLHS 2204, SLHS 4254/W, 4376.
E. *Neuroscience:* PHIL 3249/W; PNB 3251; PSYC 2200; 3270; SLHS 4245/W.
F. *Formal Systems:* CSE 2500, 3502; **LING 3000Q**; 3310Q, 3410Q, 3511Q; PHIL 2211Q, 3214.

✓ This selection works because:

- The four courses are from **three** different areas (A, B, and F).
- No more than **two** courses are from the same department; only two courses are taken from LING, and only two courses are taken from PSYC
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✗ **Example of a Course Selection That Does Not Work:**

(Uses more than two courses from the same department)

1. **COGS 2201 (required)**
2. **PSYC 2500 (Cognition - Area A) [Psychological Sci.]**
3. **PSYC 3500 (Language - Area B) [Psychological Sci.]**
4. **PSYC 3501 (Perception - Area C) [Psychological Sci.]**
5. **PHIL 3249/W (Neuroscience - Area E) [Philosophy]**

- A. *Cognition:* ANTH 3250; CSE 4705; PHIL 3247/W, 3250/W; **PSYC 2500**, 2501.
B. *Language:* LING 2010Q, 3610W; PHIL 3241; **PSYC 3500**.
C. *Perception:* PHIL 3256/W; **PSYC 3501**, 3502.
D. *Development:* PSYC 2400, 3470/W; SLHS 2204, 4254/W, 4376.
E. *Neuroscience:* **PHIL 3249/W**; PNB 3251; PSYC 2200; 3270; SLHS 4245/W.
F. *Formal Systems:* CSE 2500, 3502; LING 3000Q; 3310Q, 3410Q, 3511Q; PHIL 2211Q, 3214.

✗ This selection **does not work** because:

- **Although the courses are selected from more than three areas (A, B, C, and E), three courses are from the Psychological Sciences (PSYC) department: PSYC 2500, PSYC 3500, and PSYC 3501.** The rule states that students can only use up to two courses from the same department.

The minor is offered by the College of Liberal Arts and Sciences. For more information, contact Dr. Adrián García-Sierra, Director of Undergraduate Studies in Cognitive Science (adrian.garcia-sierra@uconn.edu).

Cognitive Science Minor Course List

Cognition (A)

- ANTH 3250 – Cognitive Anthropology
- CSE 4705 – Artificial Intelligence

- **PHIL 3247/W** – Philosophy of Psychology
- **PHIL 3250/W** – Philosophy of Mind
- **PSYC 2500** – Learning
- **PSYC 2501** – Cognitive Psychology

Language (B)

- **LING 2010Q** – The Science of Linguistics
- **LING 3610W** – Language and Culture
- **PHIL 3241** – Meaning and Truth
- **PSYC 3500** – Psychology of Language

Perception (C)

- **PHIL 3256/W** – Philosophy of Perception
- **PSYC 3501** – Sensation and Perception
- **PSYC 3502** – Psychology of Consciousness

Development (D)

- **PSYC 2400** – Developmental Psychology
- **PSYC 3470/W** – Current Topics in Developmental Psychology
- **SLHS 2204** – Speech and Language Acquisition
- **SLHS 4254/W** – Introduction to Language Disorders in Children
- **SLHS 4376** – Language Impairments and Literacy

Neuroscience (E)

- **PHIL 3249/W** – Philosophy of Neuroscience
- **PNB 3251** – Biology of the Brain
- **PSYC 2200** – Physiological Psychology
- **SLHS 4245W** – Neuroscience of Cognitive and Communication Disorders

Formal Systems (F)

- **CSE 2500** – Introduction to Discrete Systems
- **CSE 3502** – Theory of Computation
- **LING 3000Q** – Introduction to Computational Linguistics
- **LING 3310Q** – Phonology
- **LING 3410Q** – Semantics
- **LING 3511Q** – Syntax
- **PHIL 2211Q** – Symbolic Logic
- **PHIL 3214** – Symbolic Logic II