

# COGNITIVE SCIENCE (COGS)

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## **COGS 2201. Foundations of Cognitive Science. (3 Credits)**

Origins of and current developments within scientific study of the mind-brain. Topics include: computational theories of mind, artificial and natural intelligence, cognitive neuroscience and the mind/body problem, embodied and distributed cognition, neural networks, self-organizing cognitive systems, learning and innateness. CA 3.

May not be taken out of sequence after passing COGS 3584, 3599 or 4596.

**Content Areas:** CA3: Science & Technology

**Topics of Inquiry:** TOI6: Science & Empirical Inq

View Classes (<https://catalog.uconn.edu/course-search/?details&code=COGS%202201>)

## **COGS 2345. Language and Racism. (3 Credits)**

(Also offered as AFRA 2345.) Examines the relationships between language use, both historically and across the lifespan, and the social construction of race, racism, and racial identity, with particular emphasis on racial politics in the United States.

Open to sophomores or higher. Recommended preparation: One course in AFRA or COGS.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=COGS%202345>)

## **COGS 2500Q. Coding for Cognitive Science. (3 Credits)**

Introduction to computer programming for students with little or no prior programming experience. Core concepts and essential skills, with special emphasis on typical tasks and applications in the Cognitive Sciences.

**Skill Codes:** COMP: Quantitative Competency

View Classes (<https://catalog.uconn.edu/course-search/?details&code=COGS%202500Q>)

## **COGS 3584. Seminar in Cognitive Science. (1 Credit)**

Recent developments in Cognitive Science.

COGS 2201; open only to Cognitive Science majors and minors who are juniors or higher. Recommended preparation: at least two of ANTH 3250, CSE 4705, LING 2010Q, PHIL 3250/W, PSYC 2501, or SLHS 4245/W.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=COGS%203584>)

## **COGS 3589. Undergraduate Research. (1-6 Credits)**

Participation in activities related to cognitive science research.

Open only with consent of instructor and program director of Undergraduate Studies. Recommended Preparation: At least two of ANTH 3002, CSE 4705, PHIL 3250, PSYC 2501.

May be repeated for credit

View Classes (<https://catalog.uconn.edu/course-search/?details&code=COGS%203589>)

## **COGS 3599. Independent Study. (3 Credits)**

Knowledge and skills necessary to perform a research project.

COGS 2201; open only with the consent of instructor. Recommended preparation: At least two of ANTH 3002, CSE 4705, PHIL 3250, or PSYC 2501.

May be repeated for credit

View Classes (<https://catalog.uconn.edu/course-search/?details&code=COGS%203599>)

## **COGS 3798. Variable Topics in Cognitive Science. (3 Credits)**

Open to sophomores or higher.

May be repeated for a total of 6 credits

View Classes (<https://catalog.uconn.edu/course-search/?details&code=COGS%203798>)

## **COGS 4596W. Senior Thesis in Cognitive Science. (3 Credits)**

Preparation of a research thesis.

COGS 2201 and 3599; ENGL 1007 or 1010 or 1011 or 2011.

Recommended preparation: At least two of ANTH 3002, CSE 4705, PHIL 3250 or PSYC 2501.

**Skill Codes:** COMP: Writing Competency

View Classes (<https://catalog.uconn.edu/course-search/?details&code=COGS%204596W>)