Requirements for the Cognitive Science Major (Fall 2025a)

Lower-Division Required Courses:

CSCI 1300-1300L Introduction to Programming with Python

Or CSCI1301-1301L Introduction to Computing and Programming

Notes: MATH 1113 Precalculus is a pre-requisite for this class.

CSCI 1301 is part of the prerequisite chain for further programming classes.

LING 2100 The Study of Language

PHIL 2010 Introduction to Philosophy

Or: ARTI/PHIL 2130 AI for Humans

PHIL 2500 Symbolic Logic

PSYC 1101 Elementary Psychology

STAT 2000 Introductory Statistics

Upper-Division Required Courses:

PHIL(ARTI)(PSYC) 3550 Introduction to Cognitive Science

PSYC 4100* Cognitive Psychology

And one of the following:

LING(ENGL) 3150 Generative Syntax

CSCI(PHIL) 4550 Artificial Intelligence

Foundation Areas / Major Electives:

Majors will choose two of the following foundation areas and take at least two classes in each of those areas. Majors are required to take five total courses in the foundation areas with at least 12 of those credit hours being upper-division.

Artificial Intelligence Foundations Area:

ARTI(PHIL) 4340 Ethics and Artificial Intelligence

CSCI 2670 Introduction to Theory of Computing

CSCI 2720 Data Structures

or CSCI 2725 Data Structures for Data Science

CSCI 3360 Data Science I

CSCI 4330 Artificial Intelligence and the Web

CSCI 4380 Data Mining

CSCI(ARTI) 4530 Introduction to Robotics

CSCI(ARTI) 4540 Symbolic Programming

CSCI(PHIL) 4550 Artificial Intelligence

CSCI 4560 Evolutionary Computation

CSCI 4600 Reinforcement Learning

CSCI 4800 Human-Computer Interaction

LING 4570 Natural Language Processing

PHIL(LING) 4510 Deductive Systems

*Majors may take these classes without the PSYC 3980 and 3990 pre-requisites

Request access at: https://uga.questionpro.com/psycoverride

No single class may be used to satisfy multiple requirements.

Students must earn a grade of "C" (2.0) or better in major required courses.

Philosophical Foundations Area:

ARTI(PHIL) 4340 Ethics and Artificial Intelligence

PHIL(PSYC) 3400 Philosophical Psychology

PHIL 3510 Topics in Symbolic Logic

PHIL 3600 Metaphysics

PHIL 3610 Theory of Knowledge

PHIL(EECP) 4250 Philosophy of Technology

PHIL(LING) 4300 Philosophy of Language

PHIL 4310 Philosophy of Mind

PHIL(LING) 4510 Deductive Systems

PHIL(LING) 4520 Model Theory

PHIL 4530 Philosophy of Mathematics

PHIL(CSCI) 4550 Artificial Intelligence

Psychological Foundations Area:

CBIO(BIOL) 3800 Neurobiology

EPSY 3010S Child and Adolescent Development

ERSH 4300 Applied Statistical Methods in Education

LING 4105 Psycholinguistics

PSYC 3100 when taught with Judgement and Decision Making as the special topic

PSYC 3980* Research Design in Psychology

PSYC 4110* Learning

PSYC 4120* Sensation and Perception

PSYC 4130* Physiological and Comparative Psychology

PSYC 4140* Cognitive Neuroscience

PSYC 5240* Judgment and Decision Making

PHIL(PSYC) 3400 Philosophical Psychology

Language and Cultural Foundations Area:

ENGL 4826 Style: Language, Genre, Cognition

ENGL(LING) 4886 Text and Corpus Analysis

LING 3060 Phonetics and Phonology

LING(CMSD) 3120 Language Development

Some sections restricted to CMSD majors only

LING(ENGL) 3150 Generative Syntax

LING 3350 Language Mind and Brain

LING 4022 Advanced Phonetics and Phonology

LING(ENGL) 4080 Language Variation and Linguistics of Speech

LING 4105 Psycholinguistics

LING(EPSY) 4130 Psychology of Language

LING 4160 Compositional Semantics

LING 4400 Quantitative Methods in Linguistics

LING(CMLT) 4740 Discourse Analysis

PHIL(LING) 4300 Philosophy of Language

PHIL(LING) 4510 Deductive Systems