

BS Degree: Annotated Specification

Bookends: Two Gateway Courses and the Capstone

- **Cog166** Introduction to Cognitive Science
- **Cog266** Brains, Minds and Consciousness
- **Cog468** Cognitive Science Capstone Seminar

Programing / Computational Formalisms / Symbolic Computation / Neural Networking

- **Cog212/Csc212** Programming and Problem Solving / Principles of Programming
- **Cog241/Csc241** Programming and Knowledge Representation / Abstract Data Types and Programming Methodology
- **Cog356** Cognitive Processes and Abstract Machines
- **Cog366/Csc366** Computational Models of Cognitive Processing / Computational Models of Cognitive Processing
- **Csc416** Artificial Intelligence I
- **Csc466** Artificial Intelligence II
- **Cog411/Psy411** Neural Networks

Psychological Component

- **Psy280** Analysis of Psychological Data
- **Psy290** Research Methods in Psychology
- **Psy303** Biopsychology
- **Psy305** Cognition
- One Psychology Dept Course, such as:
 - **Psy424** Social Cognition
 - **Psy428** Cognitive Development
 - **Psy433** Cognitive Neuroscience Seminar

Language / Culture / Philosophy of Mind

- **Lin100** Introduction to Linguistic
- One of the following:
 - **Ant344** Language and Culture
 - **Cog444** Semiotics
- One of the following:
 - **Phl309** Language, Logic and Thought
 - **Cog376** Computer Models of Language Representation and Processing
- **Phl471** Philosophy of Mind

Learning Agreement

This component of the major consists of 9 upper division credit hours intended to serve one of two primary purposes:

1. To enrich the students perspective with respect to cognitive science content.
2. To provide an in-depth exploration of some particular area within the realm of cognitive science.

The first purpose is generally served by three rather disparate courses, each with a justifiable relationship to cognitive science. The second purpose is generally served by means a thematically related collection of courses which fall within the realm of cognitive science.