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

Programming / 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.