Fall 2010 Courses for Cognitive Science Majors

May be Used to Satisfy the ‘Any Two of the Following’ Requirements
110.106 Calculus I
110.107 Calculus II
110.109 Calculus II
110.202 Calculus III
110.201 Linear Algebra
110.302 Differential Equations/Applic
550.171 Discrete Mathematics
550.291 Linear Algebra & Differential Equations

Statistics Sequence
550.111 Statistical Analysis I (required if Area A is a focal area)
550.112 Statistical Analysis II (required if Area A is a focal area)
200.207 Laboratory in Analysis of Psychological Data (required if Area A is a focal area)

Courses by Focal Area

Area A: Cognitive Psychology & Cognitive Neuropsychology
050.105 Introduction to Cognitive Neuropsychology
050.339 Introduction to Cognitive Development
200.101 Introduction to Psychology
200.132 Introduction to Developmental Psychology
200.159 Evolutionary Psychology (freshman course)
200.214 Brain Myths
200.303 Developmental Learning Disabilities
200.312 Imaging the Human Mind
200.355 Psychology of Decision Making

Area B: Linguistics
050.320 Syntax I
050.322 Semantics II
050.370 Formal Methods in Cognitive Science: Language

Area C: Computational Approaches to Cognition
600.107 Intro Programming-Java
600.120 Intermediate Programming
600.226 Data Structures
600.361 Computer Vision
600.420 Parallel Programming
600.465 Natural Language Processing
600.471 Theory of Computation
600.475 Machine Learning
150.429 Topics in Logic
520.315 Introduction to Information Processing of Sensory Signals
520.445 Introduction to Speech and Audio Processing
550.391 Dynamical Systems

Area D: Philosophy of Mind
150.111 Philosophic Classics
150.245 Introduction to Philosophy of the Mind
150.429 Topics in Logic

Area E: Neuroscience
050.105 Introduction to Cognitive Neuropsychology
080.105 An Introduction to Neuroscience
080.250 Neuroscience Lab
080.305 The Nervous System I
080.330 Brain Injury & Recovery
080.345 Great Discoveries in Neuroscience
080.355 Visual System
200.141 Introduction to Physiological Psychology
200.312 Imaging the Human Mind