Plan of Study
Undergraduate Major in Cognitive Science

General Requirements
- 40 credits, no more than 21 in any one department
- General requirements for CLAS BA or BS degree

I. Core Courses (16 credits)
- COGS 2201 Foundations of Cognitive Science
- COGS 3584 Seminar in Cognitive Science

Four of the following:
- ANTH 3002 Culture, Language, and Thought
- CSE 4705 Artificial Intelligence
- LING 2010Q The Science of Linguistics
- PHIL 3250/W Philosophy of Mind
- PSYC 2501 Cognitive Psychology

II. Research (6 credits)
Statistics (one of the following):
- PSYC 2100WQ Principles of Research in Psychology
- STAT 2215Q Introduction to Statistics II
- STAT 3025Q Statistical Methods (Calculus level)

Research methods (one of the following):
- ANTH 3004 Cultural Research
- LING 3110 Experimental Linguistics
- PSYC 3250/W Lab in Animal Behavior & Learning
- PSYC 3251/W Lab in Physiological Psychology
- PSYC 3253 Sensory Neuroscience Lab
- PSYC 3450W Lab in Developmental Psychology
- PSYC 3550W Lab in Cognition
- PSYC 3551W Lab in Psycholinguistics
- PSYC 3552 Lab in Sensation and Perception

III. Formal Systems Courses (3 credits)
- CSE 2300W Digital Logic Design
- CSE 2500 Introduction to Discrete Systems
- CSE 3500 Algorithms and Complexity †
- CSE 3502 Theory of Computation †
- CSE 3802 Numerical Methods
- LING 3310Q Phonology †
- LING 3510Q Syntax and Semantics †
- Math 2210Q Applied Linear Algebra
- Math 2410Q Elementary Differential Equations
- Math 3160 Probability
- Math 3210 Abstract Linear Algebra
- Math 3230 Abstract Algebra
- Math 3412 Introduction to Field Theory
- PHIL 2211Q Symbolic Logic
- PHIL 3214 Symbolic Logic II

IV. Advanced Courses (12 credits)
- Must include courses from at least 3 departments.
- Can include core courses not used to satisfy the Core Courses requirement.
- ANTH 3200 Human Behavioral Ecology
- ANTH 3250 Cognitive Anthropology
- CSE 3500 Algorithms and Complexity
- CSE 3502 Theory of Computation
- CSE 4095 (Special Topic) Natural Language Processing
- LING 3310Q Phonology
- LING 3510Q Syntax and Semantics
- LING 3610W Language and Culture
- PHIL 2210/W Metaphysics and Epistemology
- PHIL 2212/W Philosophy of Science
- PHIL 3241 Language: Meaning and Truth
- PHIL 3247/W Philosophy of Psychology
- PHIL 3249/W Philosophy of Neuroscience
- PHIL 3256/W Philosophy of Perception
- PNB 3251 Biology of the Brain
- PSYC 2200 Physiological Psychology
- PSYC 2400 Developmental
- PSYC 2500 Learning
- PSYC 3100/W History and Systems in Psychology
- PSYC 3470 Current Topics in Developmental Psyc.*
- PSYC 3500 Psychology of Language
- PSYC 3501 Sensation and Perception
- PSYC 3502 Psychology of Consciousness
- SLHS 2204 Speech and Language Acquisition
- SLHS 4245/W Neuroscience of Cognitive and Communication Disorders
- SLHS 4254/W Introduction to Language Disorders in Children

* Variable topics course, may only be counted towards major with advisors’ consent
The writing in the major requirement is fulfilled by taking any of the W courses listed on this plan.

V. Electives (3-6 credits)
One additional course (Two, if a † course is taken) from above lists, COGS 3589, COGS 3599, ANTH 4596W, or other related courses from any department.
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2. 

VI. Signatures
Printed Student Name ___________________________ Peoplesoft # ___________________________

Student ___________________________ Date ___________________________ Advisor ___________________________ Date ___________________________

DUS, Cognitive Science ___________________________ Date ___________________________ Advisor ___________________________ Date ___________________________