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 Psych.
- 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 2250/W Lab in Animal Behavior & Learning
- PSYC 2521/W Lab in Physiological Psychology
- PSYC 3253 Sensory Neuroscience Lab
- PSYC 3450W Lab in Developmental Psychology
- 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 3410Q Semantics †
- LING 3511Q Syntax †
- 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 3410Q Semantics †
- LING 3511Q Syntax †
- 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 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 Psych.*
- 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.
No more than 6 transfer credits may be applied to plan. All courses on plan must be passed with grade of C- (1.7) or higher.

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.
1. 
2. 

VI. Signatures
Printed Student Name ___________________________ Peoplesoft # ___________________________ 

Student ___________________________ Date ___________________________ Advisor ___________________________ Date ___________________________

DUS, Cognitive Science ___________________________ Date ___________________________ Advisor ___________________________ Date ___________________________