

MINOR COGNITIVE AND BRAIN SCIENCES

Advisor: Brian Epstein
Brian.Epstein@tufts.edu

The minor in Cognitive and Brain Sciences requires 7 courses. At least 5 of these must be in departments different from the student's major. The selection of courses must be approved by the student's advisor.

1. PSYC 9 Introduction to Cognitive and Brain Sciences
2. PHIL 15 Introduction to linguistics and/or
COMP 15 Data Structures
3. PSY 195 Senior Seminar in Cognitive and Brain Sciences (fall only, 2 SHUs).
4. The remainder of the 7 courses are to be selected from at least 2 of the following groups:

a. PSYCHOLOGY COURSES:

PSYC 11. Developmental Psychology
PSYC 25 Physiological Psychology
PSYC 26. Animal learning and cognition
PSYC 27. Perception
PSYC 28. Cognitive Psychology
CD 51. Intellectual Development of Young Children
PSYC 80 Psychology of Music
PSYC 103 Brain and Behavior
PSYC 118 Topics in Infancy
PSY 122 Cognitive Aging
PSYC 126. Origins of Cognition
PSYC 129. Cognitive Neuroscience
PSYC 140. Mathematical Psychology
PSYC 142. Seminar in Affective Neuroscience
PSYC 144. Memory and Retention
PSYC 145 Mental Representation
PSYC 180 Music, Language, and the Brain

c. COMPUTER SCIENCE COURSES:

COMP 15 Data Structures (if not taken to satisfy section 2)
COMP 131. Artificial intelligence
COMP 135. Machine learning and data mining
COMP 150 BBR Behavior-based Robotics
COMP 150 MOD Computational Models in Cognitive
Science COMP 170. Computation theory
COMP 171. Human computer interaction

b. PHILOSOPHY, LINGUISTICS & PSYCHOLINGUISTICS COURSES:

PHIL 3. Language and Mind
PHIL 15 Introduction to linguistics (if not taken to satisfy #2)
PHIL 33 or 103 Logic
PHIL 38. Rational Choice
PHIL 110/PSYC 153 Biological Foundations of Language
PHIL III/PSYC 150 Semantics
PHIL 112/PSYC 151 Syntactic Theory
PSYC 155 Phonological Theory
PHR 113/PSYC 132. Cognition of Society and Culture
PHIL 114. Topics in Logic
PHIL 117. Philosophy of Mind
PHIL 126. Theories of Human Nature
PHIL 133. Philosophy of Language
PHIL 134. Philosophy of Social Science
PHIL 170 Computation Theory
PHIL 191 Foundations of Cognitive Science
PSYC 149. Psychology of Language
PSYC 152 Psychology of Bilingualism
CD 152. Development of Thought and Language
CD 155. The Young Child's Development of Language
CD 177 Bilingual Studies
CD 195. Developmental Disorders in language and reading
CD 243 Reading, Dyslexia, and the Brain
ED/ML/GER 114. linguistic approaches to second language
acquisition

Other courses may be admitted for the minor with the approval of the student's advisor. PLEASE NOTE: At least 5 of the courses used to complete the minor must be in departments different from the student's major. The selection of courses must be approved by the student's advisor.

All courses used in fulfillment of a disciplinary minor at Tufts must be taken for a grade. No more than two courses used to fulfill a foundation, distribution, or concentration requirement may be counted toward fulfillment of the minor. Students may not complete both a minor and a concentration in the same discipline, nor may they enroll in more than one disciplinary minor.

Student Name _____ ID# _____ Major Dept. _____

Advisor Approval _____ Date _____