

## Cognitive Psychology Certificate

The study of cognition extends to many disciplines, including psychology, philosophy, computer science, linguistics, neuroscience, and engineering. The Certificate program in Cognitive Psychology is intended to provide a program of study that reflects the interdisciplinary nature of research in cognitive processes. This certificate is appropriate for students in the General Track who are interested in cognitive research and applications to human factors, education, expert systems, or artificial intelligence. In addition, students who are interested in gaining admission to a Ph.D. program in cognition or cognitive science after completing their Master's are encouraged to obtain a Certificate in Cognitive Psychology. It is possible for a student to complete the 15 semester hour requirements for the Certificate in Cognitive Psychology by successfully completing the 42 semester hours of courses specified below to meet core requirements and electives in the General Track for a Master's in Psychology.

### Degree Plan for a General Track Degree with a Certificate in Cognitive Psychology Requirements for General Track (42 SH)

#### A. Research Tools (6 SH)

STA 5206 Analysis of Variance *or* STA 5207 Applied Regression Analysis  
PSY 6217 Research Design

#### B. General Track Core Courses (12 SH)

PSB 5035 Cognitive Neuroscience  
EXP 6506 Advanced Cognitive Psychology  
SOP 6069 Advanced Social Psychology  
DEP 5055 Developmental Psychology

#### C. Graduate Psychology Electives (18 SH - includes 15 SH for Cognitive Psychology Certificate)

#### D. Thesis (6 SH)

### Requirements for the Cognitive Psychology Certificate (15 SH)

Students earning the Cognitive Psychology Certificate must complete 15 semester hours of course work in cognitive psychology and related disciplines. Two courses are required of all certificate students (EXP 5208 and EXP xxx1). The remaining 9 semester hours are selected from a group of cognitive psychology electives.

#### A. Cognitive Psychology Certificate Required Courses (6 SH)

EXP 5208 Sensation and Perception  
EXP 5575 Judgment and Decision Making

#### B. Cognitive Psychology Certificate Electives (9 SH)

At least 1 course (3 SH) *must* be a psychology course selected from the list for the Cognitive Psychology Certificate within the General Track.

PSB 6089 Brain/Mind: Fact/Fantasy  
EXP 5256 Human Factors Psychology  
EXP 6xx1 Seminar in Cognitive Psychology  
ISC 5517 Buddhist Practice: A Psychological Overview  
CHB 5255 Comparative Behavior & Cognition  
EXP 6xx2 Applied Memory and Cognition  
CAP 5600 Introduction to Artificial Intelligence  
CAP 5601 Knowledge Engineering  
CAP 6631 Reasoning Techniques in Artificial Intelligence  
CAP xxxx Cognitive Systems Engineering  
EME 6812 Instructional Technology Seminar  
An additional course in statistics with approval of advisor  
PHI 3320 Philosophy of Mind (with annotation for graduate credit by instructor)