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)