

122. Motivation (4)

Prerequisites: PSYCH 42 and 144 or permission of instructor. Initiation and continuation of behavior, acquisition, and modification of motives. (May include lab hours)

123. Developmental Psychobiology (4)

Biological and psychological foundations of behavioral development. Topics include issues in developing systems, genetics and evolution of behavioral development, behavioral embryology, comparative development of nervous systems, development of cognitive and affective behaviors, and ecological and multicultural influences on biobehavioral development. G.E. Integration ID. (Formerly PSYCH 120T)

124. Sensation and Perception (4)

Prerequisites: PSYCH 42 and 144 or permission of instructor. Study of sensory and perceptual processes in vision, touch, and hearing. Emphasis is placed on how basic perceptual principles operate in everyday life as well as in lab settings.

125. Physiological Psychology (4)

Prerequisites: PSYCH 42 and 144 or permission of instructor. (PSYCH 36 recommended.) Nervous systems structures and physiological processes underlying behavior; anatomical and physiological bases of learning, motivation, emotions, and emotional disorders. (May include lab hours)

126. Cognitive Neuroscience (3)

Biological mechanisms which mediate cognitive processes. Topics include the nervous system substrates for perception memory, language, cerebral lateralization and specialization, attention, and consciousness. G.E. Integration IB.

128. Cognitive Psychology (4)

Prerequisites: PSYCH 42 and 144 or permission of instructor. An introduction to theory and research in human information processing. Topics include attention, mental representation, imagery, problem solving, reasoning, language, and other higher mental processes.

132. Psychology of Sexuality (3)

Prerequisite: upper-division standing. Psychological aspects of human sexual behavior: influence on personality, various behavioral manifestations and pathologies.

136. Human Learning and Behavior (3)

Open to majors and nonmajors. Introduction to learning principles as they interact with perception, cognition, and motivation. Relevance of these principles in understanding human adaptation to school, home, and social environments.

**140T. Topics in Psychological Methods (4; max total 8 if no topics repeated)**

Prerequisite: PSYCH 10. Research methods and statistics in psychology: introduction to scientific procedures, experimental research, survey research, and qualitative research. Participation in research, data analysis and APA research report writing. (May include lab hours)

143. Intermediate Computer-based Statistical Analysis (4)

Prerequisites: PSYCH 42 and 144 or permission of instructor. Intensive computer-based study of analysis of variance with research emphasis. Topics include single and multifactor designs both with and without repeated measures, multiple comparisons, trend tests, analysis of covariance and multivariate analysis of variance. (May include lab hours)

144. Research Designs and Experimental Methods (5)

Prerequisite: PSYCH 10 and PSYCH 42. Basic course in experimental psychology: research design and inferential statistics; introduction to scientific procedures and methods in psychology; participation in research, data analysis, and report writing. (May include lab hours)

145. Computer and Information Skills in Psychology (3)

A survey of computer and information skills in the behavioral sciences. Applications of information technology include use of word processors, electronic communications, spreadsheets, statistical packages, and other specialized computer programs for psychology. Emphasis will be on devel-

oping information competence including locating, gathering, organizing, and reporting computer-based information. (May include lab hours)

149. Psychological Testing (4)

Prerequisites: PSYCH 42 and 144 or permission of instructor. Theories of psychological testing stressing the logic and limits of measurement. Emphasis on technical and individual tests. (3 lecture, 3 lab hours)

150T. Problems in Personality, Developmental and Social Psychology (2-5; max total 12 if no topic repeated)

Prerequisites: PSYCH 42 and 144 or permission of instructor. Wholistic levels of analysis in psychology such as personality, social, individual differences, and developmental; conceptual and empirical issues. (May include lab hours)

153. Developmental Research and Inquiry for Practitioners (3)

PSYCH 101, PSYCH 155, or CFS 39 recommended prior to enrollment in this course. Empirical and theoretical treatment of developmental issues. Emphasizes understanding the process of scientific discovery and learning to accurately interpret and evaluate developmental research. Examines theories and methods that guide research on physical, social, cognitive, and emotional development.

154. Personality (4)

Prerequisites: PSYCH 42 and 144 or permission of instructor. Major contemporary theories of personality; techniques for research in personality. (May include lab hours)