PSYCHOLOGICAL SCIENCE (PSYS)

Courses

PSYS 300. History of Psychology. 3 Credits.
Review of major theoretical and empirical developments in psychology, including schools of psychology that have influenced contemporary models of psychology. Prerequisite: Psychology graduate standing only.

PSYS 301. Faculty Seminar. 0 Credits.
Introduction to specialized areas of psychology. Prerequisite: Psychological Science Graduate standing.

PSYS 303. Seminar in Psych Research Meth. 3 Credits.
Topics may include but are not limited to: factor analysis, discriminant function analysis, multivariate analysis of variance, advanced experimental design, and computer application in data collection and analysis. Prerequisites: Psychology graduate standing and PSYS 304.

PSYS 304. Adv Statistical Methods I. 3 Credits.
Statistical methods for evaluating psychological data. Emphasizes exploring data with respect to research hypotheses. Critical study of hypothesis tests on means, chi-square, and correlational techniques. Prerequisite: Psychological Science or Neuroscience Graduate standing only.

PSYS 305. Adv Statistical Methods II. 3 Credits.
Continuation of PSYS 304. In-depth study of the analysis of variance and multiple regression. Further study of analysis and interpretation of data from the behavioral sciences. Prerequisites: Psychology or Neuroscience graduate standing and PSYS 304.

PSYS 306. Analysis of Longitudinal Data. 3 Credits.
Statistical methods for the analysis of data collected over time, with an emphasis on linear mixed models (LMMs) in applied psychological research. Prerequisites: Psychology or Neuroscience graduate standing; and PSYS 304 and PSYS 305.

PSYS 307. Structural Equation Modeling. 3 Credits.
Introduction to confirmatory factor analysis, path analysis, and structural equation methods, with an emphasis on applied psychological research. Prerequisites: Psychology graduate standing; and PSYS 304 and PSYS 305.

PSYS 311. Seminar in Learning Theory. 3 Credits.
Review and analysis of contemporary theories of associative learning. Prerequisite: Psychology graduate standing only.

PSYS 312. Cognitive Neuroscience. 3 Credits.
Exploration of the neural bases of complex cognitive functions in humans, including memory, attention, executive functions, and consciousness, through a survey of recent journal articles. Prerequisite: Psychology or Neuroscience graduate standing only.

PSYS 313. Emotion. 3 Credits.
Analysis of research and theory on emotion from biological, psychological, cognitive, and psychosocial perspectives. Research literature considering clinical disorders of emotion will also be considered. Prerequisite: Psychology graduate standing only.

PSYS 315. Biobehavioral Proseminar. 3 Credits.
Advanced survey and analysis of behavioral and biological psychology, with special emphasis on learning theory and behavioral neuroscience. Prerequisite: Psychology and Neuroscience graduate standing only.

PSYS 316. Neuropsychopharmacology. 3 Credits.
Explores the foundations of behavior by examining the role of neurotransmitters, neuromodulators, and drugs in the production of normal and abnormal behavior. Prerequisite: Psychology or Neuroscience graduate standing only.

PSYS 319. Neurobio of Learning & Memory. 3 Credits.
Exploration of the neural bases of learning and memory, using a brain systems approach, through a survey of recent journal articles. Prerequisite: Psychology or Neuroscience graduate standing only.

PSYS 320. Animal Minds. 3 Credits.
Examination of historical and modern scientific research literature on cognition as it is represented in the behavior of animals. Considers evolutionary, behavioristic, and cognitive perspectives. Prerequisite: Psychology or Neuroscience graduate standing only.

PSYS 330. Proseminar in Exp Social Psych. 3 Credits.
Advanced analysis of experimental social psychology, including examination of social psychological theories, methods, and key research findings. Prerequisite: Psychology graduate standing only.

PSYS 332. Cognition in Social Behavior. 3 Credits.
Examination of social attribution, interpersonal set, perspectives in social encounter, and the formulation of interpersonal strategies. Prerequisite: Psychology graduate standing only.

PSYS 350. Developmental Proseminar. 3 Credits.
This seminar focuses on key issues in developmental psychology, including an examination and critique of psychological theories, methods, and research in child and adolescent development. Prerequisite: Psychology graduate standing only.

PSYS 351. Advanced Developmental Psyc. 3 Credits.
Critical analysis of selected topics in developmental psychology with emphasis on research and theory in areas such as moral development, infancy, and early conceptual development. Prerequisite: Psychology graduate standing only.

PSYS 352. Emotional Dev & Temperament. 3 Credits.
Development of emotion and temperament from infancy through middle childhood, including links between these topics and physiology and context (e.g., attachment, parenting, family conflict). Prerequisites: Graduate standing; Psychological Science major.

PSYS 354. Social Development. 3 Credits.
This course will include an examination and critique of psychological theories, methods, and research about social development from infancy through young adulthood. Prerequisite: Psychology graduate standing only.
PSYS 355. Psychology of Gender. 3 Credits.
Advanced survey of psychological theories, methods, and research about gender. Focuses on gender similarities and differences in affect, cognition, and behavior. Prerequisite: Psychology graduate standing only.

PSYS 361. Developmental Psychopathology. 3 Credits.
Provides an overview of theoretical, methodological, and analytic approaches in developmental psychopathology. Prerequisite: Psychology graduate standing only.

PSYS 370. Child Psychopathology. 3 Credits.
An advanced course dealing with models of classification, diagnosis, epidemiology of behavior disorders in children. Prerequisite: Psychology graduate standing only.

PSYS 371. Adult Psychopathology. 3 Credits.
An advanced course dealing with models of classification, diagnosis, epidemiology of behavior disorders in adults. Prerequisite: Psychology graduate standing only.

PSYS 372. Child & Adolescent Psych Assessment. 0 or 3 Credits.
Interviewing, intelligence testing, behavioral assessment, social cognition, family environments, specific disorders of childhood. Supervised assessment practicum (100 hours) in in-patient and outpatient mental health settings and schools. Prerequisite: Psychology graduate standing only.

PSYS 373. Adult Psychological Assessment. 0 or 3 Credits.
Theories and strategies of psychological intervention. Supervised service delivery (150 hours) at University Counseling and Testing Center including individual and group therapy and crisis intervention. Prerequisite: Psychology graduate standing only.

PSYS 374. Behavior Therapy: Children. 3 Credits.
Review of literature relating to theory, practice, research. Emphasis on the evaluation of a variety of procedures applied to behavior disorders in children. Prerequisite: Psychology graduate standing only.

PSYS 375. Adult Cognitive & Behav Thrpy. 3 Credits.
Review of literature relating to theory, practice, research. Emphasis on the evaluation of a variety of procedures applied to behavior disorders in adults. Prerequisite: Psychology graduate standing only.

PSYS 376. Cross Culture Clin Interv/Rsrc. 3 Credits.
Issues for psychologists regarding clinical intervention and research with Black, Latino/a, Native American, Asian American, and international populations of color with an eye toward cultural competence. Prerequisite: Psychology graduate standing only.

PSYS 377. Clinical Human Neuropsychology. 3 Credits.
Clinical seminar on effects on human behavior of neocortical dysfunction. Review of theoretical, clinical approaches to brain function, emphasis on recent developments in diagnostic techniques, ensuing theoretical developments. Prerequisite: Psychology graduate standing only.

PSYS 378. Dialectic Behavior Therapy. 3 Credits.
Examines the theoretical perspectives, empirical foundations, and treatment strategies of Dialectical Behavior Therapy (DBT). DBT is a treatment specifically designed for chronically suicidal patients. Prerequisite: Psychology graduate standing only.

PSYS 380. Professional Affairs & Ethics. 3 Credits.
The origins of professions and of psychology in particular. Accreditation, laws affecting psychology, organization of the profession, licensing certification, and the code of ethics for psychology. Prerequisite: Psychology graduate standing only.

PSYS 385. Advanced Clinical Practicum. 0-1 Credits.
Year-long, 20 hours/week supervised service delivery involving psychological intervention assessment and consultation. May be repeated for credit. Prerequisite: Psychology graduate standing only.

PSYS 389. Internship in Clinical Psych. 0 Credits.
Clinical psychology internship experience. Prerequisite: Psychology graduate standing only.

PSYS 390. Contemporary Topics. 3 Credits.
Selected topics in depth; emphasis on critical analysis of original literature. Prerequisite: Psychology graduate standing only.

PSYS 391. Master's Thesis Research. 1-18 Credits.
Research leading toward completion of the master's thesis. Prerequisite: Psychology graduate standing only.

Discussion of current research and student research presentation in areas of concentration (“clusters”). Prerequisite: Psychology graduate standing only.

PSYS 395. Advanced Readings/Research. 1-6 Credits.
Readings, with conferences, to provide graduate students with background and specialized knowledge relating to an area in which an appropriate course is not offered. Prerequisite: Psychology graduate standing only.

PSYS 396. Advanced Special Topics. 1-18 Credits.
See Schedule of Courses for specific titles. Prerequisites: Psychology Graduate Standing Only; Instructor permission.

PSYS 491. Doctoral Dissertation Research. 1-18 Credits.
Research leading toward completion of the doctoral dissertation. Prerequisite: Psychology graduate standing only.