PSYCHOLOGY (PSYC)

Courses

PSYC 205. Learning. 3 Credits.
Analysis of theory and research on the basic learning process and behavior. Prerequisite: PSYC 109.

PSYC 206. Motivation. 3 Credits.
Theory and research on motives, including hunger, fear, sex drive, and addiction, their influence on behavior, relationship to other psychological processes, and biological correlates. Prerequisite: PSYC 109.

PSYC 207. Cognition. 3 Credits.
Research and theories on the major areas within cognition: perception, attention, pattern recognition, memory, knowledge representations, mnemonic strategies, problem-solving and neurocognition. Prerequisite: PSYC 109.

PSYC 215. Cognition & Aging. 3 Credits.
Changes in both sensory and cognitive aspects of aging, including changes in vision, hearing, perception, learning, and memory. Prerequisite: Permission of the Instructor.

PSYC 220. Animal Behavior. 3 Credits.
Behavior of animals under controlled experimental conditions and in their natural environments. Consideration of evolution, development, function, and control of behavior. Prerequisite: PSYC 109 or BCOR 102.

PSYC 221. Physiological Psychology I. 0 or 4 Credits.
Structure and function of mammalian nervous system, emphasizing neurological correlates of sensory experience and perception. Individual laboratory experience. Prerequisites: PSYC 109 or PSYC 121 or NSCI 110.

PSYC 222. Sel Topics Behavioral Neurosci. 3 Credits.
Selected topics examining the role of the central nervous system in determining behavior, including innate behaviors, arousal, motivation, learning, and memory. Prerequisite: PSYC 121 or PSYC 221.

PSYC 223. Psychopharmacology. 3 Credits.
Effects of drugs (both medical and recreation) on behavior. Topics such as drug effects on learning, memory, motivation, perception, emotions, and aggression. Prerequisites: PSYC 109; PSYC 121 or PSYC 222.

PSYC 224. Hormones and Behavior. 3 Credits.
A study of the involvement of hormones in cognition, emotion, the stress response, circadian and homeostatic mechanisms that affect mental state, psychopathology, and reproductive behavior. Pre/co-requisites: PSYC 121 and PSYC 109, or permission from the Instructor.

PSYC 230. Advanced Social Psychology. 3 Credits.
Advanced survey of current research on the behavior of individuals in social situations. Prerequisite: PSYC 109 or PSYC 130.

PSYC 233. Experience & Creativity. 3 Credits.
Explores psychological processes for developing creative thinking and for enhancing the quality of conscious experience. Emphasizes personal growth as well as theoretical understanding. Prerequisite: Advanced background in at least one relevant field, such as Psychology, Environmental Studies, Studio Art, or education.

PSYC 236. Theories of Human Comm. 3 Credits.
Study of the role of perception, human information processing, language, nonverbal codes, meaning, cognition, and interpersonal and sociocultural context in human communication process. Prerequisite: PSYC 109 or PSYC 130.

PSYC 237. Cross-Cultural Communication. 3 Credits.
Study of cultural factors, cognitive processes, communication patterns, and problems in cross-cultural communication; role of communication in development and social change in third world countries. Prerequisite: PSYC 109 or PSYC 130 or PSYC 230; other advanced background in education or a social science.

PSYC 240. Organizational Psychology. 3 Credits.
Study of the psychological impact of macro and micro features of organizations upon leadership, decision making, workforce diversity, group process, conflict, and organizational performances. Prerequisite: PSYC 109, or Instructor permission.

PSYC 241. Org Psyc:Glob/Cultrl/Loc Force. 3 Credits.
Study of global, cultural, and local dynamics upon organizational culture, leadership, workforce diversity, ethics and justice at work, and conflict resolution. Conduct applied organizational cultural analysis. Prerequisite: PSYC 109 or Instructor permission.

PSYC 250. Intro to Clinical Psychology. 3 Credits.
Study of basic principles of interviewing, testing, assessment from life situations, and report writing. Examination of the most common approaches to psychotherapy. Prerequisite: PSYC 109, PSYC 152.

PSYC 251. Behav Disorders of Childhood. 3 Credits.
An overview of theory, research, and practice in developmental psychopathology from infancy through adolescence. The major disorders of social and emotional development reviewed. Prerequisite: PSYC 109 or PSYC 161. PSYC 109 may be taken concurrently.

PSYC 253. Advanced Behavior Modification. 3 Credits.
Application of techniques for the modification of human behavior in a variety of educational and social situations involving the collection and analysis of behavioral data. Prerequisites: PSYC 109, PSYC 152.

PSYC 260. Self and Social Cognition. 3 Credits.
An advanced course in social psychology that covers theory and research on the self and social cognition. Pre/co-requisites: PSYC 109 and PSYC 130.

PSYC 261. Cognitive Development. 3 Credits.
Examination of research and theory concerning developmental changes in the human processing of information from infancy to adulthood centered around the work of Piaget. Prerequisite: PSYC 109 or PSYC 161. PSYC 109 may be taken concurrently.
PSYC 262. Social Development. 3 Credits.
Examination of theory and research concerning interpersonal development in humans from infancy through adulthood. Relationships between language, cognition, and social development emphasized. Prerequisite: PSYC 109 or PSYC 161. 109 may be taken concurrently.

PSYC 265. Infant Development. 3 Credits.
Biological, cognitive, and social aspects of infant development in context; opportunities to evaluate and design research and apply knowledge to parenting, prevention, and social policy. Prerequisite: PSYC 109, PSYC 161 which may be taken concurrently or comparable.

PSYC 266. Communication & Children. 3 Credits.
Study of the role of communication, especially television, in cognitive and social development from preschool to adolescence. Relationship between television violence and abnormal behavior examined. Prerequisite: PSYC 109 or PSYC 161 or PSYC 163.

PSYC 267. Adolescence. 3 Credits.
Analysis of current theory and research in adolescent development. Covers biological, cognitive, and social changes; family, peer, and school influences; and normative and problematic development. Prerequisite: PSYC 109 or PSYC 161.

PSYC 268. Psychology Adult Dev & Aging. 3 Credits.
Psychological development in the final third of the life span emphasizing theory and research concerning social, cognitive, perceptual, and mental health transitions and support interventions. Prerequisites: PSYC 001, and HDFS 020 or HDFS 195/HDFS 295 or Instructor permission.

PSYC 295. Advanced Special Topics. 1-18 Credits.
See Schedule of Courses for specific titles.

PSYC 296. Advanced Special Topics. 1-18 Credits.
See Schedule of Courses for specific titles.

PSYC 301. Faculty Seminar. 0 Credits.
Introduction to specialized areas of psychology.

PSYC 302. Faculty Seminar. 0 Credits.
Introduction to specialized areas of psychology.

PSYC 303. Biobehavioral Proseminar. 3 Credits.
Advanced survey and analysis of behavioral and biological psychology, with special emphasis on learning theory and behavioral neuroscience.

PSYC 305. Seminar in Learning Theory. 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. Prerequisites: PSYC 303 or Instructor permission.

PSYC 306. Emotion. 3 Credits.

PSYC 307. 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. Prerequisites: PSYC 303 or Instructor permission.

PSYC 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. Prerequisites: PSYC 303 or Instructor permission.

PSYC 322. 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. Prerequisites: PSYC 303 or Instructor permission.

PSYC 323. 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. Prerequisites: PSYC 303 or Instructor permission.

PSYC 330. Proseminar in Exp Social Psych. 3 Credits.
Advanced survey and analysis of experimental social psychology, including examination of social psychological theories, methods, and key research findings. Prerequisites: PSYC 303 or Instructor permission.

PSYC 332. Cognition in Social Behavior. 3 Credits.
Examination of social attribution, interpersonal set, perspectives in social encounter, and the formulation of interpersonal strategies. Prerequisite: Instructor Permission.

PSYC 334. Organizational Behav&cultures. 3 Credits.
Examination of the impact of various organizational cultures upon leadership, personnel selection, group processes, motivation, entrepreneurship, decision making, conflict, negotiation strategies, and organizational development. Prerequisite: Instructor Permission.

PSYC 340. 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.

PSYC 341. Adv Statistical Methods II. 3 Credits.

PSYC 344. Experimental Design. 3 Credits.

PSYC 346. 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: PSYC 340 and PSYC 341 or equivalent.
PSYC 347. Measurement & Scaling. 3 Credits.
Traditional psychophysical methods, Thurstonian judgmental methods, recent topics in unidimensional scaling. Techniques, applications in multidimensional scaling. Relation of these to mental test theory, factor analysis, cluster analysis. Prerequisites: PSYC 340, PSYC 341.

PSYC 348. Structural Equation Modeling. 3 Credits.
Introduction to confirmatory factor analysis, path analysis, and structural equation methods, with an emphasis on applied psychological research. Prerequisites: PSYC 340 and PSYC 341 or equivalent.

PSYC 349. Seminar in Psyc Research Meth. 3 Credits.
For advanced psychology graduate students. Topics may include but are not limited to: factor analysis, discriminant function analysis, multivariate analysis of variance, advanced experimental design, computer application in data collection and analysis. Prerequisite: PSYC 341; or Instructor Permission.

PSYC 350. Family Therapy. 3 Credits.
An exploration of current theories and techniques in family therapy, through readings and discussion, as well as observation of taped and live family therapy sessions. Prerequisite: Graduate standing in Clinical Psychology; or Instructor Permission.

PSYC 351. Behavior Therapy: Adults. 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: Instructor Permission.

PSYC 352. 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: Instructor Permission.

PSYC 353. 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: PSYC 221, PSYC 222, or equivalent.

PSYC 354. Psychopathology I. 3 Credits.
An advanced course dealing with models of classification, diagnosis, epidemiology of behavior disorders in children. Prerequisite: Instructor Permission.

PSYC 355. Psychopathology II. 3 Credits.
An advanced course dealing with models of classification, diagnosis, epidemiology of behavior disorders in adults. Prerequisite: Instructor Permission.

PSYC 357. Cross Culture Clin Interv&Rsch. 3 Credits.
Issues for psychologists regarding clinical intervention and research with Black, Latino/a, Native and Asian Americans and international populations of color with an eye towards cultural competence. Prerequisites: Graduate standing.

PSYC 359. Interpersonal Psychotherapy. 3 Credits.
An examination of psychotherapy as an interpersonal process. Resistance, transference, and counter-transference examined as interpersonal interactions and related to interpersonal personality theory. Prerequisites: Advanced Graduate standing; Instructor Permission.

PSYC 361. Developmental Psychopathology. 3 Credits.
Provides an overview of theoretical, methodological, and analytic approaches in developmental psychopathology. Seminar format. Prerequisite: Graduate student in Psychology.

PSYC 362. Community Clinical Psychology. 3 Credits.
Seminar examining community intervention strategies for psychological problems and health risk behaviors. Topics: history of community psychology, discussion of intervention programs, consultation issues, research. Prerequisite: Instructor Permission.

PSYC 363. Advanced Primary Prevention. 3 Credits.
Review of research literature on prevention of psychopathology and promotion of competence; development of model prevention programs; evaluation, ethical issues, and political issues. Prerequisite: Instructor Permission.

PSYC 364. 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: Instructor Permission.

PSYC 365. 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: Graduate student in Psychology.

PSYC 366. Advanced Developmental Psyc. 3 Credits.
Critical analysis of selected topics in developmental psychology. Research, theory, applied, professional issues including, for example, moral development, infancy, early conceptual development, professional writing. Prerequisite: Graduate standing in Psychology. Repeatable course.

PSYC 367. 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: Graduate student in Psychology.

PSYC 369. Health Psychology. 3 Credits.
Psychological aspects of the etiology, treatment, prevention of physical illness. Topics include: stress and disease, compliance, health care systems, coping with illness, positive health behavior. Prerequisite: Instructor Permission.
PSYC 370. Adult Psychological Assessment. 3 Credits.
Intelligence, neuropsychology, interviewing, psychodiagnosis, objective and projective personality methods, behavioral assessment, report writing. Supervised assessment practicum (100 hours) in university and in-patient mental health settings. Prerequisite: Instructor Permission.

PSYC 371. Child & Adolescent Psyc Assess. 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 out-patient mental health settings and schools. Prerequisite: Instructor Permission.

PSYC 372. Psychological Intervention I. 3 Credits.
Introduction to psychotherapy, theories, and strategies. Skill building in case formulation, therapeutic goals, and effective intervention techniques. Supervised therapy practicum (100 hours) in university setting. Prerequisite: Instructor Permission.

PSYC 373. Psychological Intervention II. 0 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: Instructor Permission.

PSYC 374. 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. Pre/co-requisites: Enrollment in Ph.D. program in Clinical Psychology; Instructor permission.

PSYC 375. Internship in Clinical Psyc. 0 Credits.

PSYC 380. Contemporary Topics. 3 Credits.
Selected topics in depth, emphasis on critical analysis of original literature. Recent topics: anxiety, behavioral pharmacology, biological bases of memory, depression, organizational behavior, psychotherapy research, primate behavior, skilled performance.

PSYC 381. Clinical Research Seminar. 3 Credits.
Year-long seminar on methods and design in clinical research. Oral and written presentation of a research proposal and results. Required twice for clinical students. Prerequisite: Instructor Permission.

Discussion of current research and student research presentation in areas of concentration ("clusters"). Prerequisite: Graduate standing in General/Experimental Program.

PSYC 385. Advanced Readings & Research. 1-3 Credits.
Readings, with conferences, to provide graduate students with backgrounds and specialized knowledge relating to an area in which an appropriate course is not offered.

PSYC 391. Master’s Thesis Rsch. 1-18 Credits.

PSYC 395. Special Topics. 0-12 Credits.

PSYC 410. Preliminary Examination. 3 Credits.

PSYC 491. Doctoral Dissertation Research. 1-18 Credits.