

# PSYCHOLOGY (PSYC)

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## Courses

### **PSYC 101. Introduction to Psychology. 4 Units.**

A general overview course focusing on the scientific study of both the behavioral and mental processes of human beings and animals. Covers history of psychology and scientific thought, biological basis of behavior, research methodology, sensation and perception, states of consciousness, memory, language and intelligence, developmental psychology, learning, personality, and abnormal psychology.

### **PSYC 204. Introduction to Behavioral Health. 2 Units.**

Introduces programs, services and professions that constitute the field of behavioral health. Includes an orientation to the skills, knowledge, and legal/ethical considerations needed to work with various client populations. Addresses recovery/resiliency model, and an overview of clinical modalities used in the treatment of various conditions. First level certification in mental health first aid is provided. Prerequisite: Acceptance into the summer Behavioral Health Academy required.

### **PSYC 226. Life-Span Development. 4 Units.**

Life-span course emphasizing the physical, mental, emotional, social, and religious/moral development from conception through adulthood, aging, and death.

### **PSYC 305. Psychological Foundations of Education. 4 Units.**

Explores educational psychology through application of development and learning theories to instruction, achievement motivation, self-esteem, classroom management, supportive and disruptive processes on school sites, campus standards, disciplinary practices, legal/ethical issues. Requires research on effective educational practices and related foundations. Additional research for graduate credit. Prerequisite: General psychology.

### **PSYC 460. The Exceptional Individual. 3 Units.**

Studies the determinants, characteristics, problems, and adjustments of individuals who deviate markedly from the norm in their mental, physical, emotional, or social aptitudes, traits, and tendencies. Emphasizes education and career planning. Open to upper division graduate and postgraduate students only.

### **PSYC 479. Human Neuropsychology. 4 Units.**

Introduces brain-behavior relationships, including cerebral asymmetry, disconnection syndromes, disorders of memory and language, biological substrates of affective behavior, motor and perceptual dysfunction, and drug actions.

### **PSYC 501. Advanced Statistics I. 4 Units.**

General introduction to statistical analysis—detailing the descriptive/inferential distinction; and covering sampling distributions (e.g., normal, binomial), hypothesis testing, and basic parametric and nonparametric techniques. Corequisite: PSYC 511.

### **PSYC 502. Advanced Statistics II. 4 Units.**

Thorough introduction to regression analysis and analysis of variance (ANOVA), with emphasis on hypothesis testing and the development of general models that partition overall variability. Topics covered include simple and multiple regression, one-way and factorial, repeated-measures ANOVA, and analysis of covariance. Evaluation of assumptions and nonparametric alternatives. Prerequisite: PSYC 501, PSYC 511; must be a Psychology student; or consent of instructor.

### **PSYC 503. Advanced Multivariate Statistics. 4 Units.**

Applies linear (matrix) algebra to maximum likelihood estimation using multivariate statistical techniques. Includes multivariate analysis of variance, multivariate regression, path analysis and structural equations causal modeling, log-linear models, and time series analysis. Evaluates alternatives to maximum likelihood estimation. Prerequisite: PSYC 501, PSYC 502, PSYC 511; must be a Psychology student; or consent of instructor.

### **PSYC 505. Research Methods in Psychological Science. 4 Units.**

Comprehensive examination of research methods in psychology—from the formulation of research problems to the design, execution, and report of findings. Includes experimental and quasi-experimental designs, as well as field and case studies. The exploratory-confirmatory distinction in scientific epistemology, and its implications for research and theory. Reviews and critically analyzes research literature from various areas of contemporary psychological science.

### **PSYC 511. Psychometric Foundations. 3 Units.**

Advanced orientation to psychological instruments; their theoretical derivation, construction, and use. Emphasizes reliability, validity, and factor structures.

### **PSYC 512. Cognitive/Intellectual Assessment. 2 Units.**

Instruction in administering, scoring, interpreting, and report writing relevant to various adult and child intelligence and achievement instruments, such as WAIS-III, WISC-III, WPPSI-R, KBIT, Stanford-Binet, WIAT, PIAT, KABC, WRAT-3, and the Woodcock-Johnson batteries. Considers the empirical reliability and validity data for each instrument. Prerequisite: PSYC 511. Corequisite: PSYC 571.

### **PSYC 512L. Cognitive/Intellectual Practice Laboratory. 1 Unit.**

Supervised experiences in administering, scoring, interpreting, and report writing relevant to various adult and child intelligence and achievement instruments.

### **PSYC 513. Objective Personality Assessment. 2 Units.**

Instruction in administering, scoring, interpreting, and report writing relevant to various adult and child objective personality instruments, such as MMPI-2, MMPI-A, MACI, PIC, 16PF, CDI, BDI, and BAI. Considers the empirical reliability and validity data for each instrument. Prerequisite: PSYC 512, PSYC 512L, PSYC 571.

### **PSYC 513L. Objective Personality Practice Laboratory. 1 Unit.**

Supervised experiences in administering, scoring, interpreting, and reporting relevant to various adult and child objective personality instruments. Prerequisite: PSYC 571.

### **PSYC 516. Neuropsychological Assessment. 2 Units.**

Presents administering, scoring, interpreting, and report writing relevant to adult and child neuropsychological instruments. Considers empirical reliability and validity data for each instrument. Focuses on the use of flexible test collections tailored to assess neuropsychological disorders and neurological disorders. Emphasizes neuropsychological test integration, case conceptualization, and diagnostic inference. Prerequisite: PSYC 512, PSYC 512L, PSYC 571.

### **PSYC 516L. Neuropsychological Assessment Practice Laboratory. 1 Unit.**

Supervised experiences in administering, scoring, interpreting, and report writing relevant to various adult and child neuropsychological instruments. Prerequisite: PSYC 512, PSYC 512L.

**PSYC 524. History, Systems, and Philosophy of Psychology. 2 Units.**

Addresses the history and systems of psychology. Focuses on how approaches to psychology have defined the field, topics and information they have considered as a part of psychology, and acceptable mechanisms and criteria for advancing the field. Examines current trends and their contributions to the development of psychology as a science and as a profession.

**PSYC 526. Ethics and Legal Issues in Clinical Psychology. 3 Units.**

Overviews current ethical and legal standards for the conduct of psychology. Guidelines and standards drawn from APA Ethical Guidelines, Standards for Providers of Psychological Services, and Standards for Educational and Psychological Tests, as well as relevant California and civil licensing laws.

**PSYC 537. Applied Behavioral Medicine. 3 Units.**

Provides students with a set of applied tools for use in the practice of behavioral medicine/health psychology in integrated settings, including: assessment and treatment of health behaviors such as use of substances, sleep, diet, and physical activity; relaxation training; motivational interviewing; behavioral pain management; and time-limited therapeutic interventions. Prerequisite: PSYC 721.

**PSYC 545. Cognitive Foundations. 4 Units.**

Reviews the major theories, methods, and findings in perception, cognition, and memory, including an introduction to contemporary cognitive science. Applications to the understanding of normal as well as abnormal behavior and psychological interventions.

**PSYC 546. Clinical Psychology and Practice in Medical Settings. 2 Units.**

Provides an understanding of how the behavioral and biological sciences interact to influence health care. Provides an overview of the application and practice of clinical psychology in hospital settings, with special attention to the primary care setting from an integrated sciences model for uniting the contributions of the biomedical and the behavioral sciences in teaching and practice.

**PSYC 547. Health Psychology Assessment. 2 Units.**

Covers the use of assessment instruments for research and clinical applications. Topics include behavioral medicine interviewing, the administration and interpretation of standardized instruments such as the Million Behavioral Health Inventory, quality-of-life assessment, and integrated report writing for medical settings.

**PSYC 550. Clinical Interventions with Service Members, Veterans, and Families. 2 Units.**

Provides multi-disciplinary understanding of military culture and skills and application of evidence-based clinical treatments that foster resilience and provide relief to service members, veterans and their families. Attention to issues of diversity, ethics, and use of self are included throughout clinical case discussion. Clinical issues specific to this population are discussed along with individual, family, and community interventions. Prerequisite: PSYC 721 or SOWK 757C. Cross-listing: COUN 550, SOWK 550.

**PSYC 551. Psychobiological Foundations. 4 Units.**

Basic course in psychobiology. Neuroanatomy, the physiology of the neuron, and neural communication. Includes consideration of structure and function of visual, auditory, and somesthetic sensation and perception. Concludes with coverage of the structure and function of motor systems. Considers visuospatial, visuo-perceptual, and visuoconstructive disorders; and apraxia.

**PSYC 553. Cognitive Neuroscience. 4 Units.**

An advanced overview of the discipline that bridges cognitive psychology and neuroscience. Begins with neuroanatomy and the methodologies of electrophysiology and structural and functional imaging; and examines their application to perception, memory, language, cognitive control, attention, decision making, and motivational and emotional behavior.

**PSYC 554. Health Psychology. 4 Units.**

Overviews the field of clinical health psychology. The biopsychosocial model and the management of chronic illness used as a framework in which to address assessment and intervention principles, cultural influences, bioethics, and dying and death issues.

**PSYC 555. Psychopharmacology. 2 Units.**

Advanced coverage of neurotransmitter systems, with particular emphasis on the mechanism of action of various psychoactive substances.

**PSYC 564. Foundations of Social and Cultural Psychology. 4 Units.**

Surveys research, theory, and applications of social psychology within the context of other areas of psychology and related disciplines. Emphasizes scientific study of how people think about, influence, and relate to each other—both at the interpersonal and intergroup levels—within the context of cultural, social, and related phenomena. Applications to areas of psychology, such as clinical, health, and organizational psychology; as well as to economics, politics, and social issues.

**PSYC 565. Psychology of Religion. 3 Units.**

Psychology-based study of religion and spirituality. Focus on the five major world religious traditions, as well as atheism.

**PSYC 566. Cultural Psychology. 4 Units.**

Examines cross-cultural variations in psychological processes and human behavior. Focuses on cross-cultural research, theory, and interventions which address cross-cultural variations and the universality of psychological knowledge in a multicultural society and interdependent world. Includes personality, developmental, and social psychology in clinical and other professional areas.

**PSYC 567. Human Diversity. 3 Units.**

Surveys theories, research, and interventions dealing with culture and ethnicity in mental health and clinical practice. Emphasizes effects of culture, ethnicity, and socioeconomic factors upon working with ethnic minorities, and mainstream individuals and groups. Examines the role of diverse cultural and socioeconomic factors in psychological processes, psychopathology, psychological assessment, and intervention.

**PSYC 568. Health Disparities and Inequalities. 3 Units.**

Examines health disparities based on social structural, cultural, psychological, behavioral, and biological factors relevant to health outcomes for diverse patient populations. Analyzes causal determinants of health disparities from the perspectives of patients and the communities in which they live, the health-care professional, and the health-care system. Special attention is given to the role of culture and how it influences health behaviors. Prerequisite: PSYC 554.

**PSYC 571. Adult Psychopathology. 4 Units.**

Advanced overview of the major theoretical and empirical approaches to the understanding and classification of adult psychopathology in light of contemporary psychological research and the context of culture. The DSM-IV provides the basic structure for analysis of the various major types of adult psychopathology, including schizophrenia and other psychotic disorders, mood disorders, anxiety disorders, dissociative disorders, personality disorders, adjustment disorders, and cognitive disorders.

**PSYC 572. Child Psychopathology. 2 Units.**

Advanced overview of the major theoretical and empirical approaches to the understanding and classification of child psychopathology in light of contemporary psychological research and the context of culture. The DSM provides the basic structure for analysis of the major types of child psychopathology, including: mental retardation, learning disorders, pervasive developmental disorders, conduct disorders, and eating disorders.

**PSYC 574. Pediatric Health Psychology. 2 Units.**

Provides students with an understanding of the interdisciplinary area of pediatric psychology, including emotional and behavioral concerns related to a number of specific diseases and conditions across health-care settings. Reviews evidence-based assessment and treatment approaches used by pediatric psychologists working with children and adolescents with various medical conditions. Prerequisite or concurrent\*: PSYC 547.

**PSYC 575. Foundations of Human Development. 4 Units.**

Considers human development from conception through old age including personality as well as social, cognitive, and physiological aspects of development. Emphasizes contemporary developments in research, theory, and applications.

**PSYC 581. Evidence-Based Psychological Practice I. 2 Units.**

Theory, evidence-based practice, and empirically supported treatment protocols of the cognitive and behavioral aspects of the integrated biopsychosocial-spiritual therapy model. Prerequisite: PSYC 571, PSYC 721; or consent of instructor.

**PSYC 581L. Evidence-Based Psychological Practice I. 1 Unit.**

Supervised experience observing and/or engaging in laboratory assignments.

**PSYC 582. Evidence-Based Psychological Practice II. 2 Units.**

Theory, evidence-based practice, and empirically supported treatment protocols of the child and family aspects of the integrated biopsychosocial-spiritual therapy model. Prerequisite: PSYC 571, PSYC 721.

**PSYC 582L. Evidence-Based Psychological Practice II. 1 Unit.**

Supervised experience observing and/or engaging in laboratory assignments.

**PSYC 583. Evidence-Based Psychological Practice III. 2 Units.**

Theory, evidence-based practice, and empirically supported treatment protocols of the phenomenological and couple aspects of the integrated biopsychosocial-spiritual model. Prerequisite: PSYC 582, PSYC 571, PSYC 721; or consent of instructor.

**PSYC 583L. Evidence-Based Psychological Practice III. 1 Unit.**

Supervised experience observing and/or engaging in laboratory assignments.

**PSYC 584. Evidence-Based Psychological Practice IV. 2 Units.**

Theory, evidence-based practice, and empirically supported treatment protocols of the child and family aspects of the integrated biopsychosocial-spiritual therapy model. Prerequisite: PSYC 571, PSYC 721; or consent of instructor.

**PSYC 584L. Evidence-Based Psychological Practice IV. 1 Unit.**

Supervised experience observing and/or engaging in laboratory assignments. Prerequisite: PSYC 571. Corequisite: PSYC 584.

**PSYC 591. Colloquia. 1 Unit.**

Students participate in a series of lectures presented by distinguished speakers in the various areas of scientific and professional psychology. Enrollment is for 1 unit each year for three years.

**PSYC 594. Readings in Psychology. 1-4 Units.****PSYC 595. Directed Research. 1-13 Units.**

Academic credit for research leading to the second-year project. Requires a total of 13 units.

**PSYC 596. Directed Study. 1-4 Units.**

Academic credit for specific research projects arranged between individual students and faculty members. May include readings, literature review, and/or laboratory research. Not to be used for the second-year project.

**PSYC 597. Supervised Research. 1 Unit.**

Academic credit for research for those students who have not yet advanced to doctoral candidacy. Not to be used for the second-year project.

**PSYC 604A. Advanced Topics in Multivariate Analyses I. 2 Units.**

First of a two-part rotating selection of advanced topics in statistical analysis and research methods in psychology. Topics vary by quarter and include, for example, multilevel modeling and structural equation modeling. Prerequisite: PSYC 501 or CFS 601; or other previous experience with introductory statistics and regression analysis.

**PSYC 604B. Advanced Topics in Multivariate Analyses II. 2 Units.**

Second of a two-part rotating selection of advanced topics in statistical analysis and research methods in psychology. Topics vary by quarter and include, for example, multilevel modeling and structural equation modeling. Prerequisite: PSYC 503, PSYC 604A.

**PSYC 654. Behavioral Neurology. 2 Units.**

Examines the intersection of the fields of neurology and neuropsychology. Focuses on the pathophysiology, assessment, diagnosis, and treatment of various adult and child brain disorders. Covers material useful for neuropsychological test integration, case conceptualization, and diagnostic decision-making; as well as information necessary for the neuropsychologist to function as a member of a clinical team.

**PSYC 676. Geropsychology. 1 Unit.**

Covers human development from late adulthood through old age and death, with particular emphasis on the physical and psychological factors inherent in the aging process. Social, cognitive, physical, and psychological changes examined in light of contemporary research and theory. Required for California psychology licensure.

**PSYC 681. Clinical Supervision and Consultation. 2 Units.**

Addresses competency-based clinical supervision approaches, and basic models and theories of supervision. Presents professional, ethical, and legal parameters related to supervision. Includes principles, methods, and techniques of individual, group, and live supervision. Emphasizes consultation and issues involved in interdisciplinary collaboration. Emphasizes issues of diversity in a multicultural context.

**PSYC 681L. Clinical Supervision and Consultation Laboratory. 1 Unit.**

Provides hands-on experience in clinical supervision and consultation as students under instructor supervision apply the knowledge, attitudes, and skills acquired didactically. Utilizes videotaping, class presentations, critiques, and simulations to increase student competency.

**PSYC 683. Management and Professional Practice. 1 Unit.**

Seminar course in management and professional practice. In a variety of settings, exposes students to different management processes; as well as to professional, ethical, and legal requirements. Emphasizes management of integrated health and mental health care-delivery systems. Focuses on varied aspects of professional practice, including the roles psychologists play in developing organizational skills needed to function effectively in the changing health care marketplace.

**PSYC 684. Human Sexual Behavior and Treatment. 1 Unit.**

Human sexuality in contemporary society. Physiological, psychological, sociocultural, and developmental factors associated with human sexuality. Interventions for sexual dysfunctions and sexual well-being. Fulfills California state licensing requirements for psychologists.

**PSYC 685. Drug Addiction and Therapy. 2 Units.**

Overviews the definitions, incidence, detection, assessment, effects, and ethical/legal/therapeutic management of substance abuse. Fulfills California state licensing requirements for psychologists.

**PSYC 686. Child, Partner, and Elder Abuse. 3 Units.**

Overviews the definitions, incidence, detection, assessment, effects, and the ethical, legal, and therapeutic management of child, partner, and elder/dependent-adult abuse. Perpetrator and victim characteristics, including cultural and ethnic diversity factors. Controversies regarding assessment techniques, diagnoses, sequelae syndromes, interventions, and forensic issues. Fulfills California state licensing requirements for psychologists.

**PSYC 687. Mindfulness Interventions and Stress Management. 2 Units.**

Teaches mindfulness—deliberately paying attention to one's present moment experience with openness, curiosity, and a willingness to be with the experience as it is. Includes instruction and guided practice of both formal mindfulness meditation and "daily life" mindfulness practices. Also covers the stress response and effects of trauma as well as research on the neuroscience and benefits of mindfulness.

**PSYC 688. Modular Cognitive Behavioral Therapy for Children and Adolescents. 3 Units.**

Provides a foundation for delivering an evidence-informed modular approach to cognitive behavioral therapy for children.

**PSYC 689. Dialectical Behavior Therapy Skills Training. 2 Units.**

Provides overview and basic training in Dialectical Behavior Therapy (DBT) involving emotion dysregulation. DBT is a comprehensive treatment including several modes (e.g. individual psychotherapy, group skills training, etc.), specifically designed for multi-problem, difficult-to-treat clients and based on three systems of thought, each integral to successful treatment.

**PSYC 694. Seminar in Advanced Topics in Psychology. 1-4 Units.****PSYC 695. Spirituality Integration Seminar. 1 Unit.**

Integration of faith, religion, and/or spirituality with social sciences. Clinical and theoretical applications, scientific studies.

**PSYC 696. Psy.D. Doctoral Research. 1-4 Units.**

Requires involvement of clinical psychology Psy.D. students in doctoral research in the context of a faculty member's lab. Students meet weekly as a group with a faculty instructor to discuss theoretical, conceptual, and practical issues related literature review, research design, the IRB application process, data collection, data analysis, and dissemination of results through peer-reviewed presentations consistent with the practitioner-scholar model. Prerequisite: PSYC 502, PSYC 505; and admission to Psy.D. degree program.

**PSYC 697. Ph.D. Doctoral Research. 1-4 Units.**

Requires involvement of clinical psychology Ph.D. students in doctoral research in the context of a faculty member's lab. Students will meet weekly as a group with a faculty instructor to discuss theoretical, conceptual, and practical issues related to literature review, research design, the IRB application process, data collection, data analysis, and dissemination of results through peer-reviewed publications/presentations consistent with the scientist-practitioner model.

**PSYC 721. Practicum Preparation I. 3 Units.**

Required for all Psy.D. and Ph.D. degree students. Helps students learn beginning assessment and counseling skills. Incorporates demonstrations to facilitate learning. Prepares graduate students for both internal and external practicum. Prerequisite: PSYC 571.

**PSYC 781. Internal Practicum. 2 Units.**

Required unit for Psy.D. degree students; elective clinical training experience for Ph.D. degree students. Second-year practicum provides students with clinical training before they enter the formal practicum sequence. May be repeated three times for a total of 8 units. Prerequisite: PSYC 571, PSYC 721.

**PSYC 782. External Practicum. 4 Units.**

Provides a pre-internship level of clinical psychology training through intensive, extensive, and continuous clinical psychology experience. Includes, access to practicing psychologists and role models; experience in psychological assessment, diagnostic conceptualizations, and scientifically based treatment regimens; and exposure to ethical, legal, and professional standards in clinical psychology. Prerequisite: PSYC 781.

**PSYC 795. Directed Clinical Experience. 1-3 Units.**

Serves as elective course for students desiring to obtain supplemental clinical experiences beyond those required for degree completion (internal practicum, external practicum, pre-internship, and/or internship).

**PSYC 798. Pre-Internship. 4 Units.**

Clinical experience for students who have successfully completed the practicum year. Prerequisite: PSYC 782.

**PSYC 799A. Internship. 5 Units.**

A one-year internship completed at either an APA- or APPIIC-approved placement. Limited to students who begin their internship mid-Summer Quarter (usually the middle of July). Requires 250 contact hours of clinical experience. Student registers initially for 5 units and registers the following Summer Quarter for an additional 5 units. Prerequisite: PSYC 798.

**PSYC 799B. Internship. 10 Units.**

A one-year internship completed at either an APA- or APPIIC-approved placement. Limited to students who begin their internship either at the beginning of Summer Quarter or the beginning of Fall Quarter. Requires 500 contact hours per quarter of clinical experience. Student registers for 10 units per quarter. Prerequisite: PSYC 798.