Psychology Courses (PSYCH)

Courses

PSYCH 1001 (400:001). Introduction to Psychology — 3 hrs.
Survey of basic principles in psychology including cognitive, emotional, social, developmental, and biological processes, and the scientific research methods used to learn about these processes. Course requires participation in psychological research; or an alternative acceptable to both students and the department which provides a similar educational experience. (Fall, Spring, Summer)

PSYCH 1002. Careers in Psychology — 1 hr.
Familiarizes students with career options in psychology, helps students clarify personal interests and career goals, and prepares them for job searching or admission to graduate school. Offered credit/no credit only. Prerequisite(s): PSYCH 1001 (400:001). (Fall and Spring)

PSYCH 2101 (400:155). Biopsychology — 3 hrs.
Introduction to the biological basis of behavior. Consideration of the roles of brain function, hormones, heredity and evolutionary history as they relate to sex differences, psychopathology, language, emotion, memory, sleep, and sensation/perception. Consideration of basic neuroanatomy and comparative approaches. Prerequisite(s): PSYCH 1001 (400:001) or consent of instructor. (Fall and Spring)

PSYCH 2201 (400:060). Psychology of Gender Differences — 3 hrs.
General overview of the nature and meaning of gender, gender roles, and stereotypes; research on gender similarities and differences; gender development; and the effects of stereotypes and roles. Prerequisite(s): PSYCH 1001 (400:001). (Fall or Spring)

PSYCH 2202 (400:120). Developmental Psychology — 3 hrs.
Contemporary and historical theories of human development throughout the lifespan; description of cognitive, emotional, social, and physical changes over time. Prerequisite(s): PSYCH 1001 (400:001). (Fall and Spring)

Overview of social psychology. Includes social perception and cognition, attraction and liking, social influence, group dynamics, and attitude formation and change. Prerequisite(s): PSYCH 1001 (400:001). (Fall and Spring)

Overview of various areas traditionally studied within applied psychology. Topic areas covered include work/occupational psychology, as well as areas related to legal issues, health, environment, education, counseling and abnormal behavior. Prerequisite(s): PSYCH 1001 (400:001). (Fall or Spring)

Study of psychological theory and empirical research as it relates to the law. Topics include witness memory, suspect identification, lineup procedures, false confessions, lie detection, juror cognition, and jury decision making. Prerequisite(s): PSYCH 1001 (400:001). (Fall or Spring)

PSYCH 2401 (400:166). Clinical Psychology — 3 hrs.
Contemporary practice of clinical psychology with emphasis on the theories and techniques of cognitive-behavioral interventions. Prerequisite(s): PSYCH 1001 (400:001). (Fall or Spring)

Introduction to major theoretical models of personality and applications derived from these theories, and an overview of empirical findings in selected topics in personality. Prerequisite(s): PSYCH 1001 (400:001). (Fall or Spring)

Behavioral approach to behavior change based upon learning principles. Emphasizes analysis of ongoing behavior and the means of implementing change in a variety of everyday situations. Prerequisite(s): PSYCH 1001 (400:001). (Fall or Spring)

Introduction to the scientific study of psychology of music. Topics include physics of sound and psychoacoustics, pitch and rhythm representation, development of musical intelligence, emotion and meaning in music, functions of music in society, and music therapy. Prerequisite(s): PSYCH 1001 (400:001). (Fall or Spring)

PSYCH 2701 (400:020). Community Service/Experiential Learning — 1-3 hrs.
Students explore potential career options via volunteer opportunities at an approved location from 3-9 hours per week, after completing training required by the specific agency. Serves as a valuable hands-on learning experience. May be repeated for maximum of 6 hours. Prerequisite(s): PSYCH 1001 (400:001); consent of instructor. (Variable)

PSYCH 2703 (400:185). Individual Topics — 1-3 hrs.
Under special circumstances, students may study a topic of interest under the supervision of an individual faculty member. Generally, three hours of individual instruction per week per credit hour. Prerequisite(s): consent of instructor. (Variable)

Introduction to fundamentals of psychological inquiry. Emphasis on experimental research but all major approaches (correlational, field, clinical, phenomenological) considered. Prerequisite(s): PSYCH 1001 (400:001); must be a declared Psychology major or minor by the starting date of the course. (Fall and Spring)

Introduction to the basic methods of collecting, organizing, and analyzing psychological data. Emphasis on statistical inference (e.g., t tests, F tests, and selected non-parametrics). Provides the student with the basic statistical concepts and skills necessary for the laboratory and survey work and to provide adequate quantitative background for understanding psychological literature. Prerequisite(s): PSYCH 1001 (400:001); PSYCH 3002 (400:101); one college-level mathematics course or consent of instructor. (Fall and Spring)

PSYCH 3004/5004 (400:118g). History and Systems of Psychology — 3 hrs.
Survey of the history of psychology. Topics include philosophical influences, schools of thought, biographies of prominent psychologists, methodology, and important studies. Examination of the psychology of science. Prerequisite(s): PSYCH 1001 (400:001); junior standing. (Fall, Spring, Summer)

PSYCH 3102/5102 (400:170g). Drugs and Individual Behavior — 3 hrs.
Survey of the effects/side-effects of all categories of psychoactive drugs on brain, body, and behavior. Covers patterns of use and/or...
abuse of prescription, non-prescription and street drugs as well as an introduction to drug abuse treatment. Prerequisite(s): junior standing. (Fall and Spring)

**PSYCH 3103/5103 (400:152g). Sensation and Perception — 3 hrs.**
Examination of relationship between physical world and perception, anatomy and physiology of brain structures responsible for perception, algorithms involved in perception, and development of perceptual processing systems. Focus on the visual system. Prerequisite(s): PSYCH 1001 (400:001); PSYCH 3002 (400:101); junior standing. (Variable)

**PSYCH 3104/5104 (400:127g). Introduction to Neurology — 3 hrs.**
Introduction to basic nervous system structure and function including the neuron, peripheral nervous system, the senses, the brain stem, neural control of movement and coordination, the forebrain and its specific functions, and brief coverage of methods of study and clinical neurology. Prerequisite(s): PSYCH 1001 (400:001); junior standing; written consent of instructor. (Even Springs)

**PSYCH 3179. Cooperative Education — 1-6 hrs.**
For students who wish to apply classroom learning to field experience. Requires approval by the faculty supervisor, the head of the academic department granting credit, and Cooperative Education/Internship staff for placement agreement, project, and credit arrangements. Credit may not be applied to a major or minor without approval by the department offering the major or minor. Co-op/Internship staff assist in developing placements and arranging student interviews with employers and maintain contact with student and employer during the co-op/internship experience. May be repeated for a maximum of 12 hours credit. (Fall and Spring)

**PSYCH 3204/5204 (400:173g). Psychology of Aging — 3 hrs.**
Analysis of the factors affecting adult development and aging. Emphasis on physiological, cognitive, sensory, personality, and interpersonal changes occurring with age. Prerequisite(s): PSYCH 1001 (400:001); junior standing. (Variable)

**PSYCH 3303/5303 (400:154g). Health Psychology — 3 hrs.**
Overview of the contribution of social, personality, and clinical psychology to: a) an understanding of the psycho-social variables affecting physical illness and disease; b) the development of assessment and intervention strategies for comprehensive illness management and rehabilitation; and c) the promotion and maintenance of health-enhancing behavior. Prerequisite(s): PSYCH 1001 (400:001); junior standing. (Fall and Spring)

**PSYCH 3304/5304 (400:158g). Organizational Psychology — 3 hrs.**
Work motivation, job satisfaction, work group influences, and the structure of work; explores the most influential theories in the field and the most widely-used applications of theories. Prerequisite(s): PSYCH 1001 (400:001); junior standing. (Fall and Spring)

**PSYCH 3305/5305 (400:157g). Industrial Psychology — 3 hrs.**
Processes involved in recruiting, selecting, training, and evaluating employees in all types of organizations; prominent theories and current techniques in use. Prerequisite(s): PSYCH 1001 (400:001); junior standing. (Fall)

**PSYCH 3403/5403 (400:142g). Abnormal Psychology — 3 hrs.**
Definition, classification, and characteristics of abnormal behaviors and major mental disorders. Review of the causes and treatment of major mental disorders. Prerequisite(s): PSYCH 1001 (400:001); junior standing. (Fall, Spring, Summer)

**PSYCH 3404/5404 (400:106g). Psychology of Human Differences — 3 hrs.**
Nature and extent of human differences as they apply to an understanding of general psychology of the individual and group differences in a social setting. Prerequisite(s): PSYCH 1001 (400:001); junior standing. (Spring)

**PSYCH 3502/5502 (400:134g). Motivation and Emotion — 3 hrs.**
Investigation of the major factors underlying human actions. Factors that motivate our behavior including genetic and environmental influences, pleasure and need seeking, the role of personality in motivation, and how goals, incentives, and emotions influence behavior. Prerequisite(s): PSYCH 1001 (400:001); junior standing. (Fall or Spring)

**PSYCH 3503/5503 (400:150g). Conditioning and Learning — 3 hrs.**
Survey of conditioning and learning including classical conditioning, operant conditioning, conditional discrimination, verbal behavior, and remembering in humans and animals. Emphasis on how the field relates to modern psychology and everyday life. Prerequisite(s): PSYCH 1001 (400:001); PSYCH 3002 (400:101); junior standing. (Fall or Spring)

**PSYCH 3504/5504 (400:151g). Memory and Language — 3 hrs.**
Memory topics include theories of memory, memory deficits, and the role of memory in broader cognitive processes. Language topics include theories of language, biological bases of language; and comprehension and production of language. Prerequisite(s): PSYCH 1001 (400:001); PSYCH 3002 (400:101); junior standing. (Fall or Spring)

**PSYCH 3505/5505 (400:153g). Cognitive Psychology — 3 hrs.**
Investigation of basic concepts and contemporary topics in cognitive psychology such as perception, attention, pattern recognition, consciousness, memory, the representation of knowledge, language, cognitive development, thinking, and artificial intelligence. Prerequisite(s): PSYCH 1001 (400:001); PSYCH 3002 (400:101); junior standing. (Fall or Spring)

**PSYCH 3603/5603 (400:125g). Child and Adolescent Psychopathology — 3 hrs.**
Overview of childhood problems ranging from minor problems in adjustment to severely disabling disorders; primary focus on research findings relevant to assessment, etiology, prognosis, and management. Prerequisite(s): PSYCH 1001 (400:001); plus any one from FAM SERV 1055 (31F:055), PSYCH 2202 (400:120), or equivalent of one of these, or consent of instructor; junior standing. (Fall or Spring)

**PSYCH 3605/5605 (400:163g). Special Topics in Developmental Psychology — 3 hrs.**
Examination of selected topics within the field of developmental psychology viewed from various theoretical and empirical perspectives. Topics may vary each semester. Prerequisite(s): PSYCH 1001 (400:001); PSYCH 3002 (400:101); PSYCH 2202 (400:120); or equivalent of one of these, or consent of instructor; junior standing. (Variable)

**PSYCH 3606/5606 (400:162g). Special Topics in Social Psychology — 3 hrs.**
In-depth coverage of an applied topic in social psychology and the design of social psychology research. Students will be required to complete a project, which may or may not include the collection of data, in the topical area. Topics may include, but are not limited to, social cognition, emotion, interpersonal relationships, aggression, persuasion, altruistic behavior, identity and group dynamics.
Prerequisite(s): PSYCH 1001 (400:001); PSYCH 3002 (400:101); PSYCH 2203 (400:160); junior standing. (Variable)

**PSYCH 4198 (400:198). Independent Study — 1-3 hrs.**
Under special circumstances, students may study a topic of interest under the supervision of an individual faculty member. Generally, three hours of independent reading per week per credit hour. Prerequisite(s): consent of instructor. (Variable)

**PSYCH 4604/5604 (400:149g). Principles of Psychometrics — 3 hrs.**
Exploration of contemporary theories and principles basic to the construction and clinical use of psychological tests. Students will learn how to (a) critically evaluate psychological tests (e.g., self-report and interview methods) and (b) develop and validate self-report instruments, using contemporary psychometric principles and procedures. Prerequisite(s): PSYCH 1001 (400:001); PSYCH 3002 (400:101); PSYCH 3003 (400:102); junior standing. (Spring)

**PSYCH 4607/5607 (400:164g). Psychological Anthropology — 3 hrs.**
Psychological dimensions of sociocultural systems from a cross-cultural perspective. Analysis of universals and cultural variation in cognition, socialization, concepts of the self, emotion, and mental illness. Prerequisite(s): PSYCH 1001 (400:001) or ANTH 1002 (990:011); junior standing. (Same as ANTH 3101/5101 (990:164g)) (Even Springs)

**PSYCH 4608/5608 (400:167g). Gender in Cross-Cultural Perspective — 3 hrs.**
Evolutionary, biological, psychological, cognitive, social, and cultural theories of gender and gender inequality evaluated with respect to cross-cultural data. Prerequisite(s): PSYCH 1001 (400:001) or SOC 1000 (980:001) or ANTH 1002 (990:011); junior standing. (Same as ANTH 3104/5104 (990:167g) and SOC 3411/5411 (980:167g)) (Spring)

**PSYCH 4609/5609 (400:189g). Seminar in Psychology — 1-3 hrs.**
Provides opportunity to correlate previous course work and knowledge in field of psychology. May be repeated for maximum of 6 hours. Prerequisite(s): PSYCH 1001 (400:001); PSYCH 3002 (400:101) or consent of instructor; 15 hours in psychology; junior standing. (Variable)

**PSYCH 4704/5704 (400:192g). Practicum in Teaching Psychology — 1-3 hrs.**
Organization and teaching of psychology; student serves as participant-observer, with advance approval, in any PSYCH xxxx course. May be repeated for maximum of 6 hours. Prerequisite(s): Psychology GPA 3.00 or higher; B+ or higher in the course for which student will participate; junior standing. (Fall, Spring, Summer)

**PSYCH 4705/5705 (400:193g). Research Experience in Psychology — 1-3 hrs.**
Conduct a supervised research or scholarly project. May be repeated for maximum of 6 hours. Highly recommended for students planning to enter graduate programs. Majors with an overall GPA of at least 3.50 may earn departmental honors if their projects are deemed worthy of honors by the department. Prerequisite(s): PSYCH 1001 (400:001); PSYCH 3002 (400:101); 15 hours in psychology; junior standing; consent of instructor. (Fall, Spring, Summer)

**PSYCH 6001 (400:239). Advanced Statistics — 3 hrs.**
Review of elementary descriptive and inferential statistics, analysis of variance and covariance models, multiple linear regression and the generalized linear model, and specialized topics in multivariate analysis. Prerequisite(s): previous courses in statistics; graduate standing in psychology or consent of instructor. (Fall)

**PSYCH 6002 (400:241). Research Design — 3 hrs.**
Covers the planning and execution of psychological research. Topics include research design, measurement, ethical issues, sources of artifact and bias, data evaluation, and interpretation. Prerequisite(s): PSYCH 6001 (400:239); graduate standing in psychology or consent of instructor. (Spring)

**PSYCH 6003 (400:292). Graduate Practicum in Teaching Psychology — 1 hr.**
Preparation for and supervised experience as an introductory psychology instructor. Required course for all first-semester Teaching Fellows; may be taken by graduate students planning to apply for teaching fellowships. May be repeated. Some course work required before the start of first teaching semester. Prerequisite(s): graduate standing in psychology. (Variable)

**PSYCH 6005 (400:254). Psychology, Law and Philanthropy — 2 hrs.**
Students will learn about the psychology underlying giving including topics such as altruism and persuasion. Legal and ethical issues will be covered as they relate to philanthropy, including regulation/governance, tax law, and standards for professional conduct. Prerequisite(s): admission into the Philanthropy and Nonprofit Development graduate program. (Variable)

**PSYCH 6006 (400:293). Research in Psychology — 1-3 hrs.**
Conduct a supervised research project. May be repeated for maximum of 9 hours. Prerequisite(s): graduate standing in psychology; consent of graduate coordinator and instructor. (Fall, Spring, Summer)

**PSYCH 6201 (400:218). Evolution, Brain and Social Behavior — 3 hrs.**
Emphasis on biological foundations of social behavior, importance of natural selection processes and interplay of genes and environment. Functional significance of genetics, hormones, neurotransmitters on personality, pathology and sex differences. Prerequisite(s): graduate standing in psychology or consent of instructor. (Odd Springs)

**PSYCH 6202 (400:220). Social and Cognitive Development — 3 hrs.**
In-depth, critical analysis of major theories of developmental psychology and their application to practical situations. Discussion of psychoanalytic, ethological, behaviorist, social learning, structural-developmental, and contextual approaches to social and cognitive development. Prerequisite(s): an undergraduate course in developmental psychology; graduate standing. (Even Falls)

**PSYCH 6203 (400:261). Personality — 3 hrs.**
Comparative study of major personality theories and techniques of personality assessment. Prerequisite(s): graduate standing in psychology or consent of instructor. (Even Springs)

**PSYCH 6204 (400:264). Advanced Social Psychology — 3 hrs.**
Covers the major areas of classic and current research in social psychology. Students engage in an in-depth, critical analysis of the research in areas including, but not limited to, conformity, obedience, social norms, social cognition, interpersonal relationships, aggression, and helping behavior. Substantial proportion of the course focuses on social cognition. Examines the socio-historical context of social psychology and the application of social psychological research. Prerequisite(s): an undergraduate course in social psychology; graduate standing in psychology or consent of instructor. (Fall)
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PSYCH 6205 (400:294). Advances and Developments in Social Psychology — 1 hr.
Seminar involving presentations and discussion of current research in social psychology. May be repeated for maximum of 4 hours credit. Credit/no credit basis only. Prerequisite(s): graduate standing in psychology (Social Psychology emphasis) or consent of instructor. (Fall and Spring)

Individualized readings. May be repeated for maximum of 6 hours. Prerequisite(s): consent of instructor. (Fall, Spring, Summer)

PSYCH 6289 (400:289). Seminar.
(Variable)

PSYCH 6299 (400:299). Research.
Prerequisite(s): consent of department. (Fall, Spring, Summer)

General discussion of the nature of organization development and organization change, discussion and developmental exercises in the skills necessary to become a successful consultant/change agent. Prerequisite(s): graduate standing in psychology (Industrial/Organizational emphasis) or consent of instructor. (Fall)

PSYCH 6302 (400:232). Training and Instructional Design — 3 hrs.
Exploration of recent theories of organization training with emphasis on instructional design. Students will compare and contrast trade approaches to academic approaches to training and will demonstrate competencies in developing and delivering training tools. Prerequisite(s): graduate standing in psychology (Industrial/Organizational emphasis) or consent of instructor. (Fall)

PSYCH 6303 (400:234). Recruitment and Selection — 3 hrs.
Focused seminar covering the recruitment and hiring of employees using lectures, discussion of key readings, and directed activities in a HR context. Topics include: recruitment, validity in selection, use of tests in selection, and legal topics. Prerequisite(s): graduate standing in psychology or consent of instructor. (Spring)

Development of criteria and methods for appraising work performance in a variety of organizations. Major topics include job analysis, criterion development, legal considerations, performance appraisal methods, and properties of appraisal data. Prerequisite(s): graduate standing in psychology (Industrial/Organizational emphasis) or consent of instructor. (Spring)

Applied experience in the field of Industrial/Organizational Psychology. Students will work in a host organization and demonstrate consulting skills through participation in a regional contest. Prerequisite(s): graduate standing in psychology (Industrial/Organizational emphasis). (Variable)

PSYCH 6402 (400:270). Research and Practice of Psychotherapy — 3 hrs.
Reviews the major theoretical approaches to psychological treatment, covers relevant empirical and clinical issues, and facilitates proficiency in fundamental therapy skills. Prerequisite(s): graduate standing in psychology. (Fall)

PSYCH 6405 (400:262). Personality Assessment — 3 hrs.
Overview of theoretical and empirical issues in the measurement of personality. Examines reliability and validity of projective and actuarial methods of personality assessment, criticism of traditional approaches to personality assessment, and behavior assessment as an alternative to traditional approaches. Prerequisite(s): graduate standing in psychology or consent of instructor. (Fall)

Reviews diagnostic issues and covers the major mental disorders in the Diagnostic and Statistical Manual of Mental Disorders. Includes coverage of symptoms, prevalence and incidence, risk factors and correlates, etiology, and differential diagnosis issues. Prerequisite(s): graduate standing in psychology or consent of instructor. (Spring)

PSYCH 6407 (400:272). Evidence Based Treatment — 3 hrs.
Survey of behavior change strategies documented as effective by a body of supporting psychological research. Comparison of these techniques with non-psychological (drug) treatments as well as with non-empirically supported psychological treatments. Prerequisite(s): graduate standing in psychology or school psychology. (Fall)

PSYCH 6408 (400:290). Clinical Practicum — 3 hrs.
Supervised experience as a psychologist-trainee in an appropriate mental health agency/program. Prerequisite(s): graduate standing in psychology (Clinical Science emphasis); PSYCH 6401 (400:249); PSYCH 6405 (400:262); PSYCH 6402 (400:270) and PSYCH 6407 (400:272) (grade of B- or higher in all courses). (Spring)

PSYCH 6409. Clinical Ethics — 3 hrs.
Review of critical ethical and professional issues related to practice of clinical psychology, including changing roles of psychological assessment, intervention, and research; role of ethics in research, and importance of multicultural awareness. Prerequisite(s): graduate standing in the psychology department or related field or consent of instructor. (Spring)

PSYCH 6410. Advanced Child Psychopathology and Evidence Based Treatment — 3 hrs.
An overview of diagnostic and assessment issues in the most common types of childhood psychopathology, as well as an in-depth examination of evidence-based treatments for these disorders. Prerequisite(s): graduate standing in the Psychology department or related field. (Fall)