

# Psychology (PSYC)

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## Courses

### **PSYC 20003. General Psychology (ACTS Equivalency = PSYC 1103). 3 Hours.**

An introduction to the field of Psychology, including the investigation of the biological bases of behavior; learning and cognitive processes; developmental and social psychology; and personality, psychopathology, and the treatment of psychological disorders. Students will be expected to complete a research requirement. (Typically offered: Fall, Spring and Summer)

### **PSYC 200H3. Honors General Psychology. 3 Hours.**

An introduction to the field of Psychology, including the investigation of the biological bases of behavior; learning and cognitive processes; developmental and social psychology; and personality, psychopathology, and the treatment of psychological disorders. Students will be expected to complete a research requirement. (Typically offered: Fall and Spring)

This course is equivalent to PSYC 20003.

### **PSYC 20103. Introduction to Statistics for Psychologists. 3 Hours.**

Introduction to the descriptive and inferential statistics commonly used by psychologists. A grade of C or better in PSYC 20103 is required as a prerequisite for PSYC 30703. Corequisite: Drill component. Prerequisite: (PSYC 20003 and (MATH 11003 or MATH 11103 or higher) each with a grade of C or better, and must be a Psychology major. (Typically offered: Fall, Spring and Summer)

### **PSYC 20403. The Psychology of Health and Well-being. 3 Hours.**

Introduces students to the application of psychological science to healthy, meaningful living across the age span. Explores key research findings related to issues in modern living, including social connections, emotional adjustment, romantic relationships, parenting and schooling, family life, and work life. Prerequisite: PSYC 20003. (Typically offered: Spring)

### **PSYC 21201. Careers in Psychology. 1 Hour.**

Introduction to the knowledge and skill set needed for psychology majors to succeed in the major and to select and subsequently pursue a career path in psychology and related disciplines. Prerequisite: PSYC 20003 with a grade of C or better and must be a Psychology major. (Typically offered: Fall and Spring)

### **PSYC 21703. Research Literacy in Psychological Science. 3 Hours.**

Training in critical evaluation of research in psychological science, including understanding statistics and research methods used by psychologists. Prerequisite: PSYC 20003 and either (psychology minor or Online degree/certificate-seeking) students. (Typically offered: Fall and Spring)

### **PSYC 2810V. Laboratory Experience for Non-Majors. 1-4 Hour.**

Laboratory experience in psychology for non-majors obtained by working as part of a faculty member's research team. Prerequisite: Instructor's permission. (Typically offered: Fall, Spring and Summer) May be repeated for up to 12 hours of degree credit.

### **PSYC 30103. Social Psychology. 3 Hours.**

Theories and representative research in social psychology, emphasizing the influence of the social world on human behavior. Introduction to the problems, theories, and experiments of social psychology. Prerequisite: PSYC 20003. (Typically offered: Fall and Spring)

### **PSYC 30203. Psychopathology. 3 Hours.**

Describes the current classification of symptoms of psychopathology (e.g., mental disorders). Methods of studying psychopathology, theories of psychopathology, and empirically supported treatment approaches are covered. Prerequisite: PSYC 20003. (Typically offered: Fall, Spring and Summer)

### **PSYC 30303. Psychotherapy & Behavior Change. 3 Hours.**

Describes the major approaches to psychotherapy (e.g., psychodynamic, humanistic, behavioral, cognitive-behavioral) and theories of behavior change (e.g., theory of planned behavior). Barriers and motivators of behavior change will be explored experientially. Prerequisite: PSYC 20003. (Typically offered: Fall, Spring and Summer)

### **PSYC 30503. Psychology of Personality. 3 Hours.**

Describes the definition and conceptualization of personality within psychology. Includes both historical (e.g., Freud, Jung) and more modern (e.g., Big Five traits) approaches, along with more specific domains of personality functioning (e.g., cultural identity, interpersonal relationships, emotion, motivation, cognitive schemas). (Typically offered: Fall, Spring and Summer)

### **PSYC 30603. Psychology of Diversity. 3 Hours.**

Introduction to the psychology of diversity, including historical perspectives, biological and social bases of bias, individual differences, social identity, intergroup interactions, and power and privilege. Prerequisite: PSYC 20003. (Typically offered: Fall Even Years)

### **PSYC 30703. Research Methods. 3 Hours.**

Training in execution and interpretation of experiments using the classical experimental designs. Limited enrollment. Corequisite: Drill component. Prerequisite: PSYC 20103 with a grade of "C" or better and a psychology major. (Typically offered: Fall and Spring)

### **PSYC 30903. Developmental Psychology (ACTS Equivalency = PSYC 2103). 3 Hours.**

Theories and representative research in the psychological factors influencing development, including both hereditary and environmental influences, from conception through adolescence. Prerequisite: PSYC 20003. (Typically offered: Fall and Spring)

### **PSYC 31003. Cognitive Psychology. 3 Hours.**

Introduction to theories and research in cognition including memory, language, and problem-solving. Prerequisite: PSYC 20003. (Typically offered: Spring)

### **PSYC 31703. Biopsychology. 3 Hours.**

An introduction to the biological basis of behavior. Lectures cover current research about the neural correlates underlying sensory, motor, cognitive, and emotional processes. Prerequisite: PSYC 20003. (Typically offered: Spring)

### **PSYC 3810V. Introductory Laboratory Experience for Majors. 1-4 Hour.**

Introductory laboratory experience for psychology majors working as part of a faculty member's research team. Designed for students enrolling in their first semester of laboratory experience with any instructor in the department. Prerequisite: Instructor Permission. (Typically offered: Fall, Spring and Summer) May be repeated for up to 12 hours of degree credit.

### **PSYC 392H3. Honors Colloquium. 3 Hours.**

Treats a special topic or issue, offered as part of the honors program. May be repeated when the content is changed. Prerequisite: honors candidacy (not restricted to candidacy in psychology). (Typically offered: Irregular) May be repeated for degree credit.

### **PSYC 40103. Special Topics in Social Psychology. 3 Hours.**

Readings and discussion in a specialized topic in social psychology. Prerequisite: PSYC 30103 with a grade of C or better and an additional 6 hours of psychology courses not including PSYC 20003. Junior Standing. (Typically offered: Irregular) May be repeated for up to 6 hours of degree credit.

### **PSYC 40203. Special Topics in Psychopathology. 3 Hours.**

Readings and discussion in a specialized topic in psychopathology. Prerequisite: PSYC 30203 with a grade of C or better and an additional 6 hours of psychology courses not including PSYC 20003. Junior Standing. (Typically offered: Irregular) May be repeated for up to 6 hours of degree credit.

**PSYC 40303. Educational Psychology. 3 Hours.**

Psychological theories and concepts applied to the educational process. Investigates the learner and instructional variables in a wide range of educational settings.

Prerequisite: Six hours of psychology, not including PSYC 20103. (Typically offered: Irregular)

**PSYC 40503. Psychological Tests. 3 Hours.**

Nature and theory of individual and group tests of intelligence, personality, interests, and attitudes. Prerequisite: PSYC 20103 with a grade of C or better, an additional 6 hours of psychology courses not including PSYC 20003, and Junior Standing. (Typically offered: Irregular)

**PSYC 40703. Psychology of Learning. 3 Hours.**

Theories and representative research on basic principles of learning and memory in both animals and humans. Prerequisite: Nine hours of psychology, not including PSYC 20003, and Junior Standing. (Typically offered: Spring)

**PSYC 40803. Advanced Research. 3 Hours.**

A lecture/laboratory course covering research in a specialized area of psychology. Provides experience with design, conduct, analysis, and presentation of research projects related to class topics. Successful completion of the class, including a formal paper in APA style, with a grade of C or better will fulfill the senior writing requirement. Prerequisite: Eighteen hours of psychology including a grade of at least a C in PSYC 30703 and senior standing. (Typically offered: Fall and Spring)

**PSYC 4090V. Advanced Independent Readings and Research. 1-3 Hour.**

Advanced independent readings and research with a specific faculty mentor; used in special circumstances only. Prerequisite: Senior Standing and Instructor's and Department Chair's permission. (Typically offered: Irregular)

**PSYC 41003. Special Topics in Cognitive Psychology. 3 Hours.**

Readings and discussion in a specialized topic in cognitive psychology. Prerequisite: PSYC 31003 with a grade of C or better, an additional 6 hours of psychology courses not including PSYC 20003 and Junior Standing. (Typically offered: Irregular) May be repeated for up to 6 hours of degree credit.

**PSYC 41203. Perception. 3 Hours.**

Explores the fundamental principles of human perception and examines how we interpret sensory information from our environment. Topics include physiological mechanisms of sensation and neurological processes required for perception. Emphasis is placed on the visual and auditory systems, with some exploration of other sensory modalities. Prerequisite: PSYC 31703 with a grade of C or better, an additional 6 hours of psychology courses not including PSYC 20003, and Junior Standing. (Typically offered: Irregular)

**PSYC 41303. Special Topics in Psychotherapy and Behavior Change. 3 Hours.**

Readings and discussion in a specialized topic in psychotherapy and behavioral change. Prerequisite: PSYC 30303 with a grade of C or better, an additional 6 hours of psychology courses not including PSYC 20003, and Junior Standing. (Typically offered: Irregular) May be repeated for up to 6 hours of degree credit.

**PSYC 41403. History and Systems of Psychology. 3 Hours.**

Examination of the concepts, methods, and systems which have contributed to the development of modern psychology. Prerequisite: Fifteen hours of psychology and senior standing. (Typically offered: Irregular)

**PSYC 41503. Special Topics in Psychology of Personality. 3 Hours.**

Readings and discussion in a specialized topic in psychology of personality. Prerequisite: PSYC 30503 with a grade of C or better, an additional 6 hours of psychology courses not including PSYC 20003, and Junior Standing. (Typically offered: Irregular) May be repeated for up to 6 hours of degree credit.

**PSYC 41603. Special Topics in the Psychology of Diversity. 3 Hours.**

Readings and discussion in a specialized topic in psychology of diversity. Prerequisite: PSYC 30603 with a grade of C or better and an additional 6 hours of psychology courses not including PSYC 20003. Junior Standing. (Typically offered: Irregular) May be repeated for up to 6 hours of degree credit.

**PSYC 41703. Special Topics in Biopsychology. 3 Hours.**

Readings and discussion in a specialized topic in biopsychology. Prerequisite: PSYC 31703 with a grade of C or better, an additional 6 hours of psychology courses not including PSYC 20003, and Junior Standing. (Typically offered: Irregular) May be repeated for up to 6 hours of degree credit.

**PSYC 41803. Behavioral Neuroscience. 3 Hours.**

Examination of the biological basis of behavior. Surveys the anatomy, physiology, and pharmacology of the mammalian brain and examines brain mechanisms underlying a wide range of behaviors and cognitive processes. Prerequisite: PSYC 31703 with a grade of C or better, an additional 6 hours of psychology courses not including PSYC 20003, and Junior Standing. (Typically offered: Fall and Spring)

**PSYC 41903. Comparative Psychology. 3 Hours.**

Analysis of animal cognition and behavior from an evolutionary perspective, with emphasis on the role of the environment and interactions with other species in shaping the evolution of cognition and behavior within a species, and the evolution of differences between species and between humans and nonhumans. Prerequisite: PSYC 31003 with a grade of C or better, an additional 6 hours of psychology courses not including PSYC 20003, and Junior Standing. (Typically offered: Fall and Spring)

**PSYC 42803. Advanced Seminar. 3 Hours.**

A seminar/discussion class covering research in specialized areas of psychology. Students will read original sources and present their ideas and conclusions several formats. Successful completion of the class, including a formal paper in APA style, with a grade of C or better will fulfill the senior writing requirement. Prerequisite: Eighteen hours of psychology including a grade of at least a C in PSYC 30703; senior standing. (Typically offered: Fall and Spring)

**PSYC 42903. Special Topics in Developmental Psychology. 3 Hours.**

Readings and discussion in a specialized topic in developmental psychology. Prerequisite: PSYC 30903 with a grade of C or better, an additional 6 hours of psychology courses not including PSYC 20003, and Junior Standing. (Typically offered: Irregular) May be repeated for up to 6 hours of degree credit.

**PSYC 44303. Philosophy of Psychology. 3 Hours.**

Explores philosophical issues concerning the domain, foundations and methodology of psychology, and the relation of psychological explanations to other scientific and philosophical investigations of the mind. Topics include cognitive architecture and the evolution of minds, extended or embodied cognition, perception and introspection, consciousness and attention, social cognition, thought and language. (Typically offered: Irregular)

This course is cross-listed with PHIL 44303.

**PSYC 4810V. Advanced Laboratory Experience for Majors. 1-4 Hour.**

Advanced laboratory experience for psychology majors working as part of a faculty member's research team. This course is designed for students continuing in a laboratory experience with an instructor they have already worked with in the department. Prerequisite: Instructor permission. (Typically offered: Fall, Spring and Summer) May be repeated for up to 12 hours of degree credit.

**PSYC 499HV. Honors Thesis Research. 1-6 Hour.**

Honors research experience for majors obtained by working on honors thesis research with a faculty member. Prerequisite: Junior standing, instructor's permission and honors standing. (Typically offered: Fall, Spring and Summer) May be repeated for up to 12 hours of degree credit.

**PSYC 50103. Advanced Developmental Psychology. 3 Hours.**

Critical examination of the research relevant to the psychological factors influencing the growth processes of the individual from birth to maturity. (Typically offered: Spring)

**PSYC 50303. Psychopathology Theory & Assessment. 3 Hours.**

Psychological and somatic factors contributing to pathological behavior. Interrelations of these factors will be analyzed in terms of how they lead to differential abnormal states. Includes guidelines for using structured interviews in the diagnosis and clinical assessment of major psychological disorders. Prerequisite: PSYC 30203 and enrollment in the Graduate Program in Psychology, or instructor consent. (Typically offered: Fall)

**PSYC 50403. Assessment of Intellectual and Cognitive Abilities. 3 Hours.**

Training in the theory, administration and interpretation of individual tests of intelligence and mental ability. Prerequisite: PSYC 40503 and enrollment in the Psychology Graduate Program. (Typically offered: Fall)

**PSYC 50603. Advanced Social Psychology. 3 Hours.**

Theory, methodology, and contemporary research in the major areas of social psychology. Topics include attitude theory and measurement, group processes, social and cultural factors. (Typically offered: Spring)

**PSYC 50703. Introduction to Clinical Practice: Core Skills and Ethical Guidelines. 3 Hours.**

An introduction to clinical practice focusing on a) interview methods and techniques and b) ethical principles and guidelines. Includes an introduction to clinic policies and procedures. Prerequisite: Enrollment in the Psychology graduate program. (Typically offered: Spring)

**PSYC 50800. Orientation Practicum. 0 Hours.**

Orients new clinicians to the clinical psychology doctoral program and to practice in the Psychological Clinic. Includes training on clinic procedures, observation of senior therapists, training on hours tracking, and program policies. Pre- or corequisite: Doctoral students only. (Typically offered: Fall, Spring and Summer) May be repeated for up to 0 hours of degree credit.

**PSYC 51103. Theories of Learning. 3 Hours.**

Major concepts in each of the important theories of learning. (Typically offered: Fall)

**PSYC 51203. Cognitive Psychology. 3 Hours.**

Contemporary theories and research on human information processing including topics such as memory, language, thinking, and problem solving. (Typically offered: Spring Even Years)

**PSYC 51303. Inferential Statistics for Psychology. 3 Hours.**

Inferential statistics, including representative parametric tests of significance. Special emphasis on analysis of variance, covariance, and component variance estimators as applied to psychological research. Prerequisite: PSYC 20103. (Typically offered: Fall)

**PSYC 51403. Advanced Descriptive Statistics for Psychology. 3 Hours.**

Special correlation techniques followed by a survey of representative nonparametric tests of significance. Major emphasis on advanced analysis of variance theory and designs. Prerequisite: PSYC 51303. (Typically offered: Spring)

**PSYC 51603. Personality: Theory & Assessment. 3 Hours.**

An introduction to empirically based theories of personality and personality disorders with an emphasis on standardized instruments in the assessment of normative and pathological personality. Includes training in the interpretation, integration, and reporting of results. Pre- or Corequisite: PSYC 50403. Prerequisite: Enrollment in the Psychology graduate program or instructor consent. (Typically offered: Spring)

**PSYC 51703. Structural Equation Modeling. 3 Hours.**

Introduction to concepts and methods of structural equation modeling. Major emphasis on advanced techniques to model latent variables using large sample survey data. Prerequisite: PSYC 51303 and PSYC 51403. Corequisite: Lab component. (Typically offered: Spring Even Years)

**PSYC 52203. Perception. 3 Hours.**

Theories and representative research in the areas of sensation and perception. Graduate degree credit will not be given for both PSYC 41203 and PSYC 52203. Prerequisite: Six hours of psychology, not including PSYC 20103. (Typically offered: Irregular)

**PSYC 5230V. Research Practicum. 1-3 Hour.**

Presentation, evaluation, and discussion of on-going research proposals. Required of all experimental graduate students in the first 2 years of their program. (Typically offered: Fall and Spring)

**PSYC 53103. Introduction to Clinical Science: Research Design and Ethical Guidelines. 3 Hours.**

Provides a) guidelines for designing and conducting empirical research in clinical psychology, b) ethical principles that regulate clinical research, and c) supervised opportunities to develop a clinical research proposal. Prerequisite: Enrollment in the Psychology graduate program. (Typically offered: Fall)

**PSYC 6000V. Master's Thesis. 1-6 Hour.**

Master's Thesis. (Typically offered: Fall, Spring and Summer) May be repeated for degree credit.

**PSYC 6020V. Seminar: Teaching Psychology. 1-3 Hour.**

Survey of the literature on teaching of psychology in college. Includes: planning the course, method, examining and advising students. Prerequisite: Teaching assistant. (Typically offered: Fall and Spring)

**PSYC 6070V. Clinical Practicum III. 1-3 Hour.**

Provides supervised experience in the application of the more complex and lesser known psychodiagnostic techniques and training and experience in psychotherapeutic techniques with the more severe functional disorders, with special topics in these domains emphasized across sections. Prerequisite: PSYC 50703; Enrollment in the Psychology graduate program. (Typically offered: Fall, Spring and Summer) May be repeated for degree credit.

**PSYC 6080V. Focused Clinical Skills Training. 1-3 Hour.**

Provides intensive training in development of specialized clinical skills, typically an in-depth training in an assessment strategy or therapeutic intervention. (Typically offered: Irregular) May be repeated for up to 9 hours of degree credit.

**PSYC 6090V. Clinical Graduate Seminar. 1-3 Hour.**

Provides intensive coverage of specialized clinical topics. Open to all graduate students. (Typically offered: Fall and Spring) May be repeated for up to 9 hours of degree credit.

**PSYC 6110V. Individual Research. 1-18 Hour.**

Individual research. (Typically offered: Fall, Spring and Summer) May be repeated for up to 18 hours of degree credit.

**PSYC 61303. Advanced Behavioral Neuroscience. 3 Hours.**

Examination of the biological basis of behavior, with emphasis on underlying neural mechanisms. (Typically offered: Fall)

**PSYC 61603. Psychotherapy. 3 Hours.**

A conceptual overview of psychotherapy, with emphasis on a) common mechanisms, and b) cognitive, affective, and interpersonal approaches. Prerequisite: PSYC 50303. (Typically offered: Fall)

**PSYC 62103. Psychotherapy Outcomes. 3 Hours.**

Provides a critical evaluation of theory and research on empirically supported programs and interventions for major psychological disorders. Prerequisite: Enrollment in the Psychology graduate program. (Typically offered: Spring)

**PSYC 63203. Seminar in Developmental Psychology. 3 Hours.**

Discussion of selected topics in the area of human development. Emphasis will be on a review of current theory and empirical research. Topics selected for discussion could range from early development (child psychology), to later development (psychology of adulthood and aging-gerontology), to current attempts to integrate the field (life-span developmental psychology). (Typically offered: Fall Odd Years)

**PSYC 63403. Seminar in Quantitative Methods. 3 Hours.**

Discussion of selected mathematical approaches to theorizing and research in psychology. Emphasis will be on generalization of a given approach across several content areas of psychology. Hence, while each area must be treated in reasonable depth, current thinking and research spanning more than one content area will be stressed. (Typically offered: Irregular)

**PSYC 63503. Seminar in Learning/Memory/Cognition. 3 Hours.**

Discussion of selected topics in learning, memory, or cognition. Emphasis on current theory and empirical research. Topics selected for discussion may be in the areas of learning, memory, problem solving, or language. (Typically offered: Spring Odd Years)

**PSYC 63703. Seminar in Personality and Social Psychology. 3 Hours.**

Discussion of selected topics in social psychology and personality. Current theoretical positions and recent research findings are emphasized. Topics selected for discussion will be in areas of intrapersonal processes, interpersonal processes, group processes or any of various areas of personality. (Typically offered: Fall)

**PSYC 64103. Seminar in Physiological Psychology. 3 Hours.**

Discussion of selected topics in physiological psychology. Emphasis will be on a review of current theory and empirical research. Each offering of the seminar will examine the biological basis of a specific aspect of behavior, utilizing both animal and human data. (Typically offered: Spring Odd Years)

**PSYC 6980V. Field Work. 1-3 Hour.**

Provides academic credit for field work in multidisciplinary setting, involving supervised experiences in assessment and psychotherapy. (Typically offered: Fall, Spring and Summer) May be repeated for degree credit.

**PSYC 6990V. Clinical Psychology Internship. 1-3 Hour.**

Supervised experience in a multidisciplinary setting of assessment and psychotherapy. (Typically offered: Fall, Spring and Summer) May be repeated for degree credit.

**PSYC 7000V. Doctoral Dissertation. 1-18 Hour.**

Doctoral Dissertation. Prerequisite: Candidacy. (Typically offered: Fall, Spring and Summer) May be repeated for degree credit.