

PSYCHOLOGICAL SCIENCES (PSYC)

PSYC 1100. General Psychology I. (3 Credits)

Basic principles that underlie mental processes and behavior; research methodology, biopsychology, sensation, perception, learning, memory and language. Ordinarily this course should be taken in the fall semester. CA 3.

Content Areas: CA3: Science & Technology

Topics of Inquiry: TOI6: Science & Empirical Inq

PSYC 1101. General Psychology II. (3 Credits)

Psychology as a social science. Research methodology, developmental, personality, clinical, abnormal and social psychology. CA 2.

Enrollment Requirements: PSYC 1100. PSYC 1101 and 1103 may not both be taken for credit.

Content Areas: CA2: Social Science

Topics of Inquiry: TOI5: Indiv Values Soc Inst, TOI6: Science & Empirical Inq

PSYC 1103. General Psychology II (Enhanced). (4 Credits)

Psychology as a social science. Research methodology, developmental, personality, clinical, abnormal and social psychology. Applications of theory, writing, and demonstrations during discussion periods. CA 2.

Enrollment Requirements: PSYC 1100; Not open for credit to students who have passed PSYC 1101. May not be taken concurrently with PSYC 1101.

Content Areas: CA2: Social Science

Topics of Inquiry: TOI5: Indiv Values Soc Inst, TOI6: Science & Empirical Inq

PSYC 2100Q. Principles of Research in Psychology. (4 Credits)

Design, analysis, and reporting of psychological research. Experimental and quasi-experimental designs, laboratory and correlational techniques, research ethics.

Enrollment Requirements: PSYC 1100; PSYC 1101 or 1103; STAT 1000Q or 1100Q or Statistics Q 1000 level. May not be taken out of sequence after passing PSYC 3250, 3251, 3450, 3550, 3551, 3552, or 3899.

Skill Codes: COMP: Quantitative Competency

PSYC 2100WQ. Principles of Research in Psychology. (4 Credits)

Design, analysis, and reporting of psychological research. Experimental and quasi-experimental designs, laboratory and correlational techniques, research ethics.

Enrollment Requirements: PSYC 1100; PSYC 1101 or 1103; STAT 1000Q or 1100Q or STAT Q 1000 level; ENGL 1007 or 1010 or 1011. May not be taken out of sequence after passing PSYC 3250, 3251, 3450, 3550W, 3551W, or 3552.

Skill Codes: COMP: Quantitative Competency, COMP: Writing Competency

PSYC 2101. Introduction to Multicultural Psychology. (3 Credits)

General introduction to cross-cultural and multicultural issues and the role psychology has played in understanding the experiences of diverse groups. CA 4.

Enrollment Requirements: PSYC 1100; PSYC 1101 or 1103.

Content Areas: CA4: Diversity & Multicultural

Topics of Inquiry: TOI3: Div, Equity, Soc Just, TOI5: Indiv Values Soc Inst

PSYC 2110. Psychology of Human Sexuality. (3 Credits)

Sexuality from across psychological science, highlighting relevant theoretical perspectives, methodology, and empirical research.

Enrollment Requirements: Recommended preparation: PSYC 1100.

PSYC 2200. Physiological Psychology. (3 Credits)

Physiological processes related to motivation, emotion, sensory processes, motor skills, learning, and psychiatric conditions.

Enrollment Requirements: BIOL 1102 or 1107 or PNB 2264-2265; PSYC 1100.

PSYC 2201. Drugs And Behavior. (3 Credits)

An overview of drug effects on chemical transmission in the nervous system, with an emphasis on the behavioral/psychological effects of drugs.

Enrollment Requirements: PSYC 1100 or BIOL 1107.

PSYC 2208. Sensory Systems Neuroscience. (3 Credits)

Cellular, circuit, and neural systems basis of sensation and perception including evolutionary and ecological differences among mammals.

Enrollment Requirements: PSYC 1100 or BIOL 1107 or BIOL 1108.

PSYC 2209. Learning and Memory: From Brain to Behavior. (3 Credits)

Neurobiological basis of learning and memory, including topics in genetics, evolution and ethology.

Enrollment Requirements: PSYC 1100 or BIOL 1107 or 1108.

Recommended preparation: PSYC 2200.

PSYC 2300. Psychological Disorders. (3 Credits)

Nature of psychological disorders, theories and data regarding symptoms, etiology, treatment and prevention of mental health disorders.

Enrollment Requirements: PSYC 1100; PSYC 1101 or 1103.

PSYC 2301. The Study of Personality. (3 Credits)

Theories, methods, and research in both clinical and experimental approaches to personality.

Enrollment Requirements: PSYC 1100; PSYC 1101 or 1103.

PSYC 2400. Developmental Psychology. (3 Credits)

Social behavior, personality, perception, cognition, language, intelligence, learning, biobehavioral processes, and research methodology in developmental perspective.

Enrollment Requirements: PSYC 1100; PSYC 1101 or 1103.

PSYC 2500. Learning. (3 Credits)

Learning and memory principles found in animal research and their relationship to human behavior. Human and other species' specific types of unique learning abilities.

Enrollment Requirements: PSYC 1100; PSYC 1101 or 1103.

PSYC 2501. Cognitive Psychology. (3 Credits)

Different views of mental representation and processes involved in memory, language comprehension, perception, attention, and problem solving. Historical development of models in cognitive psychology.

Enrollment Requirements: PSYC 1100; PSYC 1101 or 1103.

PSYC 2502. Science of Learning and Art of Scientific Communication. (3 Credits)

Lecture, discussion, and team-based presentations related to the principles of learning and the essentials of scientific communication.

Enrollment Requirements: Instructor consent required. Not open for credit to students who have passed PSYC 3884 when offered as "Science of Learning and Art of Communication."

Grading Basis: Honors Credit

PSYC 2600. Industrial/Organizational Psychology. (3 Credits)

Applications of psychology in the workplace: Measurement, personnel decisions, performance appraisal, training, motivation, worker attitudes, leadership, ergonomics and job design, workplace health and safety.

Enrollment Requirements: PSYC 1100; PSYC 1101 or 1103.

PSYC 2700. Social Psychology. (3 Credits)

Attitudes, social cognition, social influence, interpersonal relations, group dynamics.

Enrollment Requirements: PSYC 1100; PSYC 1101 or 1103.

PSYC 2701. Social Psychology of Multiculturalism. (3 Credits)

Introduction to theoretical perspectives and behavioral research that seek to explain the nature and mechanisms of intergroup relations and the psychology of culture, prejudice, and biased behavior. CA 4.

Enrollment Requirements: PSYC 1100; PSYC 1101 or 1103.

Recommended preparation: PSYC 2700.

Content Areas: CA4: Diversity & Multicultural

Topics of Inquiry: TOI3: Div, Equity, Soc Just, TOI5: Indiv Values Soc Inst

PSYC 3100. The History and Systems of Psychology. (3 Credits)

Philosophical and scientific origins and major schools, including structuralism, functionalism, behaviorism, gestalt, and psychoanalysis.

Enrollment Requirements: PSYC 1100; PSYC 1101 or 1103; PSYC 2300 or PSYC 2300W or PSYC 2301 or PSYC 2400 or PSYC 2600 or PSYC 2700; PSYC 2200 or PSYC 2500 or PSYC 2501 or PSYC 3201 or PSYC 3500 or PSYC 3501.

PSYC 3100W. The History and Systems of Psychology. (3 Credits)

Philosophical and scientific origins and major schools, including structuralism, functionalism, behaviorism, gestalt, and psychoanalysis.

Enrollment Requirements: ENGL 1007 or 1010 or 1011; PSYC 1100; PSYC 1101 or 1103; PSYC 2300 or 2301 or 2400 or 2600 or 2700; and PSYC 2200 or 2500 or 2501 or 3201 or 3500 or 3501.

Skill Codes: COMP: Writing Competency

PSYC 3101. Psychological Testing. (3 Credits)

Practical and theoretical interpretation of common personality, industrial, educational, cognitive, and attitude tests. Evaluating utility, test bias, and error. Using tests in clinical, educational, and workplace settings.

Enrollment Requirements: PSYC 2100Q.

PSYC 3102. Psychology of Women. (3 Credits)

(Also offered as WGSS 3102.) Gender roles, socialization, women and work, women's relationships, violence against women, and other topics. Theory and research. CA 4.

Enrollment Requirements: Three credits of 2000 or 3000 level psychology.

Content Areas: CA4: Diversity & Multicultural

Topics of Inquiry: TOI3: Div, Equity, Soc Just, TOI5: Indiv Values Soc Inst

PSYC 3104E. Environmental Psychology. (3 Credits)

Reciprocal relationships between built and natural environments and human behavior.

Enrollment Requirements: PSYC 1100 and 1101 or 1103.

Skill Codes: COMP: Environmental Literacy

Topics of Inquiry: TOI4: Environmental Literacy

PSYC 3105. Health Psychology. (3 Credits)

The interface between psychology and health is examined using a biopsychosocial model. Topics include stress and coping, health promotion, adjustment to chronic illness, and the psychology of health behaviors

Enrollment Requirements: PSYC 1100; PSYC 1101 or 1103.

PSYC 3106. Black Psychology. (3 Credits)

(Also offered as AFRA 3106.) Empirical and theoretical literature on psychological experiences of African Americans. Impact of race, culture, and ethnicity on psychological development. CA 4.

Enrollment Requirements: PSYC 1100; PSYC 1101 or 1103.

Content Areas: CA4: Diversity & Multicultural

Topics of Inquiry: TOI3: Div, Equity, Soc Just, TOI5: Indiv Values Soc Inst

PSYC 3107. Latinx Psychology. (3 Credits)

(Also offered as LLAS 3107.) Empirical and theoretical literature on psychological experiences of Latino Americans. Impact of race, culture, and ethnicity on psychological development.

Enrollment Requirements: PSYC 1100.

PSYC 3201. Animal Behavior. (3 Credits)

(Also offered as EEB 3201.) Principles of animal behavior derived from a review of descriptive and analytic studies in laboratory and field. Sometimes offered in multimedia format.

Enrollment Requirements: BIOL 1102 or 1107; PSYC 1100.

PSYC 3241. Motivation and Emotion. (3 Credits)

(Also offered as COMM 3241.) Cognition, brain mechanisms, biofeedback, aggression, sex, competence, social influence, and conformity.

Enrollment Requirements: PSYC 1100, and 1101 or 1103; open to juniors or higher.

PSYC 3250W. Laboratory in Animal Behavior and Learning. (3 Credits)

A laboratory course to supplement PSYC 3201.

Enrollment Requirements: ENGL 1007 or 1010 or 1011; PSYC 2100Q; PSYC 2200 or 2500 or 3201.

Skill Codes: COMP: Writing Competency

PSYC 3251. Laboratory in Physiological Psychology. (3 Credits)

Techniques employed in experimental investigation of the anatomical and physiological bases of behavior.

Enrollment Requirements: PSYC 2100Q; PSYC 2200, which may be taken concurrently.

PSYC 3252. Drugs and Behavior Laboratory. (3 Credits)

Techniques employed in the experimental investigation of drug action. Laboratory exercises illustrate behavioral and neural effects of various psychoactive pharmacological agents such as stimulants, antipsychotics, antidepressants, antiparkinsonian drugs, anxiolytics, sedative/hypnotics.

Enrollment Requirements: PSYC 2100Q and 2201.

PSYC 3253. Sensory Neuroscience Laboratory. (3 Credits)

Techniques employed in the experimental investigation of sensory neuroscience. Laboratory exercises in psychophysics and assessment of human and animal sensory abilities. Elementary computer programming is used to synthesize and process sound files and analyze psychophysics data. A one-hour lecture and two two-hour labs each week.

Enrollment Requirements: PSYC 2100Q and 3501.

PSYC 3270. Current Topics in Behavioral Neuroscience. (3 Credits)

Selected topics vary with each offering (e.g., The Neurobiology of Memory and Decision-Making, Sensory Coding and Decoding, Animal Models of Basal Ganglia Dysfunction, Animal Models of Developmental Disorders).

May be repeated for credit

PSYC 3300. Abnormal Child Psychology. (3 Credits)

Theory, research, treatment, and prevention in developmental psychopathology from infancy through adolescence.

Enrollment Requirements: PSYC 2400.

PSYC 3301. Introduction to Clinical Psychology. (3 Credits)

History of clinical psychology as a profession; graduate training and ethical responsibilities; assessment and treatment of psychological disorders; and clinical sub-specialties.

Enrollment Requirements: PSYC 2300.

PSYC 3370W. Current Topics in Clinical Psychology. (3 Credits)

Enrollment Requirements: PSYC 2300 or 3750; ENGL 1007 or 1010 or 1011.

May be repeated for credit

Skill Codes: COMP. Writing Competency

PSYC 3405. Social Development. (3 Credits)

Social development in infancy, childhood, and adolescence. Theoretical approaches and practical applications. Special emphasis on critically evaluating empirical research.

Enrollment Requirements: PSYC 1100, 1101 or 1103; and PSYC 2400 or HDFS 2100.

PSYC 3440. Developmental Cognitive Neuroscience. (3 Credits)

Survey of current research and methods in developmental cognitive neuroscience, an interdisciplinary scientific field at the boundaries of neuroscience, developmental psychology, and cognitive science.

Enrollment Requirements: Open to juniors or higher.

PSYC 3450W. Laboratory in Developmental Psychology. (4 Credits)

The techniques necessary for performing psychological research on young children; advanced topics.

Enrollment Requirements: PSYC 2100Q and 2400; ENGL 1007 or 1010 or 1011.

Skill Codes: COMP. Writing Competency

PSYC 3470. Current Topics in Developmental Psychology. (3 Credits)

Selected topics (e.g., infant development, peer relations, cognitive development, and developmental psychobiology) that may vary with each offering.

Enrollment Requirements: PSYC 2400.

May be repeated for credit

PSYC 3470W. Current Topics in Developmental Psychology. (3 Credits)

Selected topics (e.g., infant development, peer relations, cognitive development, and developmental psychobiology) that may vary with each offering.

Enrollment Requirements: PSYC 2400; ENGL 1007, 1010 or 1011.

May be repeated for credit

Skill Codes: COMP. Writing Competency

PSYC 3500. The Psychology of Language. (3 Credits)

Those aspects of language that make it a uniquely efficient vehicle for communication and thought.

Enrollment Requirements: PSYC 1100; PSYC 1101 or 1103.

PSYC 3501. Sensation and Perception. (3 Credits)

Sensory and perceptual processes in vision, hearing, touch, taste, and smell.

Enrollment Requirements: PSYC 1100; PSYC 1101 or 1103.

PSYC 3502. Psychology of Consciousness. (3 Credits)

The role of consciousness in human cognition is examined by comparing the conscious and unconscious operation of mental faculties including perception, memory, learning, and thought.

Enrollment Requirements: PSYC 1100; open to sophomores or higher.

PSYC 3503. Computer Modeling of Cognitive Processes. (3 Credits)

Symbolic and connectionist approaches to modelling vision, problem solving, planning, deduction, language understanding, learning, and memory.

Enrollment Requirements: PSYC 2501 or 3501.

PSYC 3504. Music Perception and Cognition. (3 Credits)

(Also offered as MUSI 3504.) Perception and cognition of music including physics of sound, auditory perception and characteristic qualities of music.

Enrollment Requirements: PSYC 1100 or instructor consent.

PSYC 3550W. Laboratory in Cognition. (3 Credits)

Selected experiments from the following topics: memory processes, categorization, language comprehension and problem solving.

Enrollment Requirements: PSYC 2100Q or 2100WQ; PSYC 2500 or 2501, which may be taken concurrently; ENGL 1007 or 1010 or 1011.

Skill Codes: COMP. Writing Competency

PSYC 3552. Laboratory in Sensation and Perception. (3 Credits)

Techniques for the study of sensory capacities and perceptual processes.

Enrollment Requirements: PSYC 2100Q; PSYC 3501, which may be taken concurrently.

PSYC 3600. Social-Organizational Psychology. (3 Credits)

Social psychological phenomena in the workplace. Social perceptions, personality, stress, work-related attitudes, motivation, team decision-making, and effectiveness, leadership and influence, organizational culture.

Enrollment Requirements: PSYC 2600. Recommended Preparation: PSYC 2700.

PSYC 3601. Human Factors Design. (3 Credits)

Application of information about human abilities and limitations to the design of systems, products, tools, computer interfaces, tasks, jobs, and environments for safe, comfortable and effective human use.

Enrollment Requirements: PSYC 1100.

PSYC 3644. Occupational Health Psychology. (3 Credits)

Models, research methods, and research-to-practice applications in the interdisciplinary field of occupational health psychology, and how these are used to enhance the safety, health and well-being of workers in all occupations and to create healthier workplaces and organizations.

Enrollment Requirements: PSYC 1101 or 1103; and PSYC 2600 or consent of instructor.

PSYC 3701W. Psychology of the Arts. (3 Credits)

The perception, emotion, motivation, cognition and cultural experience of art and artists.

Enrollment Requirements: PSYC 1100 and 1101 or 1103; ENGL 1007 or 1010 or 1011; three credits of 2000 or 3000 level Psychological Science coursework.

Skill Codes: COMP. Writing Competency

PSYC 3750. Laboratory in Social Psychology. (3 Credits)

Methods and techniques of research in social psychology. Supervised research investigations.

Enrollment Requirements: PSYC 2100 or STAT 1100Q; PSYC 2700.

PSYC 3750W. Laboratory in Social Psychology. (3 Credits)

Methods and techniques of research in social psychology. Supervised research investigations.

Enrollment Requirements: PSYC 2100Q or STAT 1100Q; PSYC 2700; ENGL 1007 or 1010 or 1011.

Skill Codes: COMP. Writing Competency

PSYC 3770. Current Topics in Social Psychology. (3 Credits)

Selected topics (e.g., social influence, person perception, pro-social behavior) vary with each offering.

Enrollment Requirements: PSYC 2700.

May be repeated for credit

PSYC 3770W. Current Topics in Social Psychology. (3 Credits)

Selected topics (e.g., social influence, person perception, pro-social behavior) vary with each offering.

Enrollment Requirements: PSYC 2700; ENGL 1007 or 1010 or 1011.

May be repeated for credit

Skill Codes: COMP. Writing Competency

PSYC 3771. Prejudice and Conflict. (3 Credits)

Overview of the psychological bases of prejudice and conflict in individuals and society.

Enrollment Requirements: PSYC 1101 or 1103.

PSYC 3880. Field Experience. (1-6 Credits)

Supervised field work in clinical, community, or organizational settings.

Students taking this course will be assigned a final grade of S (satisfactory) or U (unsatisfactory.)

Enrollment Requirements: PSYC 1100; PSYC 1101 or 1103.

May be repeated for credit

PSYC 3883. Foreign Study. (1-6 Credits)

Special topics taken in a foreign study program. Consent of Department Head or advisor may be required prior to the student's departure.

May be repeated for credit

PSYC 3884. Seminar in Psychology. (3 Credits)

Recent developments in psychology. Topics vary with each offering.

Enrollment Requirements: PSYC 1100; PSYC 1101 or 1103.

May be repeated for credit

PSYC 3885. Special Topics. (1-6 Credits)

Enrollment Requirements: Prerequisites and recommended preparation vary.

May be repeated for credit

PSYC 3889. Undergraduate Research. (1-6 Credits)

Participant activities related to research.

Enrollment Requirements: Recommended Preparation: PSYC 2100.

May be repeated for credit

PSYC 3899. Independent Study. (1-6 Credits)

Students are expected to develop their own plan for a research project, conduct the research, and write-up this research, consulting periodically with a faculty member.

Enrollment Requirements: PSYC 2100Q.

May be repeated for credit

PSYC 4197W. Senior Thesis in Psychology. (3 Credits)

Hours by arrangement.

Enrollment Requirements: Three credits of PSYC 3889 or 3899; ENGL 1007 or 1010 or 1011; open only to Honors students with consent of instructor and Department Head.

Grading Basis: Honors Credit

Skill Codes: COMP. Writing Competency