

Psychology

PSY 2000 - Introduction to Psychology

Introduction to the scientific study of psychological structures and processes involved in individual and group behavior. Explores theoretical accounts of the foundations of human behavior and examines empirical support. Topics may include personality, disorders, therapy, development, and social psychology, perception, learning, cognition, emotion, and states of consciousness.

Credits: 3.0

Lec-Rec-Lab: (3-0-0)

Semesters Offered: Fall, Spring, Summer

PSY 2100 - Counseling Psychology

Major approaches used in contemporary counseling psychology, the current status of the profession, and ethical issues encountered will be examined to provide students with a broad understanding of the field. This course does not train students to be counselors.

Credits: 3.0

Lec-Rec-Lab: (0-3-0)

Semesters Offered: Spring, Summer

Pre-Requisite(s): PSY 2000

PSY 2200 - Behavior Modification

An introduction to techniques of behavior modification through the application of learning theories such as classical and operant conditioning. Students will conduct a case study project designed to modify a personal behavior.

Credits: 3.0

Lec-Rec-Lab: (0-3-0)

Semesters Offered: Fall

Pre-Requisite(s): PSY 2000

PSY 2300 - Developmental Psychology

A survey of human development across the life span (prenatal, infant, child, adolescent, and adult) in the areas of biological, cognitive, social, emotional, and personality development. Provides insight into both the universality of human development and the uniqueness of individuals.

Credits: 3.0

Lec-Rec-Lab: (0-3-0)

Semesters Offered: Spring, Summer

Pre-Requisite(s): PSY 2000

PSY 2400 - Health Psychology

Examines the theoretical, empirical, and historical bases for health psychology. Topics may include the effects of stress, determinants of addictive behavior, the impact of psychological factors on physical health, obesity, and the causes and treatment of chronic pain.

Credits: 3.0

Lec-Rec-Lab: (0-3-0)

Semesters Offered: Spring - Offered alternate years beginning with the 2008-2009 academic year

Pre-Requisite(s): PSY 2000

PSY 2501 - Intro to the Psychology Major: Tools and Technology

Psychology majors examine the field of psychology and major degree requirements resulting in an undergraduate plan of study focused on graduate school admission or career preparation. An introduction to the technological tools used within psychology, including hardware, software, and instrumentation.

Credits: 3.0

Lec-Rec-Lab: (0-3-0)

Semesters Offered: Spring

Restrictions: Must be enrolled in one of the following Major(s): Psychology

Pre-Requisite(s): PSY 2000(C)

PSY 2600 - Psychology of Death and Dying

An examination of theory, research, and issues in the psychology of death and dying. Topics may include the development of death concepts, death anxiety in society, the needs of the dying person, the psychology of grieving, and unexpected losses.

Credits: 3.0

Lec-Rec-Lab: (0-3-0)

Semesters Offered: On Demand

Pre-Requisite(s): PSY 2000

PSY 2720 - Statistics for the Social and Behavioral Sciences

An understanding of statistical concepts and ability to conduct statistical analyses (using both hand calculation and SPSS) as used in Social and Behavioral Sciences research. Topics include descriptive statistics, correlation, and inferential statistics through ANOVA.

Credits: 4.0

Lec-Rec-Lab: (0-4-0)

Semesters Offered: Spring

Restrictions: Must be enrolled in one of the following Major(s): Social Sciences, Liberal Arts with History Opt, Psychology

Pre-Requisite(s): MA 1020 or MA 1031 or MA 1032

PSY 3000 - Experimental Methods & Stats

Introduction to experimental design, general research methodology, computer analysis and interpretation of data. Emphasizes issues and methods involved in psychological research. Topics include experimental design and validity, choosing appropriate data analysis techniques, statistical analysis, and APA writing style.

Credits: 3.0

Lec-Rec-Lab: (0-3-0)

Semesters Offered: Fall

Pre-Requisite(s): PSY 2000 and (MA 2720 or PSY 2720)

PSY 3001 - Experimental Methods and Statistics II

Second course in psychological research methodology and statistics, both experimental and non-experimental. Students design, execute, interpret, and report psychological research.

Credits: 3.0

Lec-Rec-Lab: (0-3-0)

Semesters Offered: Fall, Spring

Restrictions: Must be enrolled in one of the following Major(s): Psychology; May not be enrolled in one of the following Class(es): Freshman

Pre-Requisite(s): PSY 2000 and PSY 3000

PSY 3010 - Theories of Personality

Introduction to the variety of approaches to personality that underlie many clinical models. Discusses the formulation of personality theory, its purpose, and problems associated with personality theory generation. Emphasizes classical and contemporary theories of personality, their various applications to human behavior, and a review of relevant research findings.

Credits: 3.0

Lec-Rec-Lab: (0-3-0)

Semesters Offered: Spring

Pre-Requisite(s): PSY 2000

PSY 3030 - Abnormal Psychology

Helps the student build an understanding of abnormal behavior through critical examination of historical and contemporary models used in this field. The student learns the causes and treatment proposed by Cognitive-Behavioral, Psychodynamic and Sociocultural Models with particular emphasis placed on the Diagnostic and Statistical manual used by clinicians for diagnoses.

Credits: 3.0

Lec-Rec-Lab: (0-3-0)

Semesters Offered: Fall, Summer

Restrictions: May not be enrolled in one of the following Class(es): Freshman

Pre-Requisite(s): PSY 2000

PSY 3040 - History/Systems of Psychology

Traces major historical contributions to current psychology from ancient to modern times. Examines significant ideas and discoveries from philosophy, mathematics, and the natural and medical sciences as they relate to the development of psychology. Discusses philosophical, theoretical, and methodological controversies that surfaced as part of these historical developments.

Credits: 3.0

Lec-Rec-Lab: (0-3-0)

Semesters Offered: On Demand

Pre-Requisite(s): PSY 2000

PSY 3060 - Physiological Psychology

Introduces the physiological systems that underlie behavior with emphasis on the nervous system, neurotransmission, sensory systems, psychopharmacology, and research methods unique to the field of physiological psychology.

Credits: 3.0

Lec-Rec-Lab: (0-3-0)

Semesters Offered: Spring

Pre-Requisite(s): PSY 2000 and (BL 1020 or BL 1040 or BL 2010 or BL 2400)

PSY 3070 - Cross-Cultural Psychology

Introduces the student to cross cultural psychology and sociocultural theory as it is applied to psychology. Examines research on cultural specific and universal behaviors. Emphasizes the benefits and challenges of diversity in organizations and diversity skills that promote interpersonal and organizational success.

Credits: 3.0

Lec-Rec-Lab: (0-3-0)

Semesters Offered: On Demand

Pre-Requisite(s): PSY 2000

PSY 3090 - Directed Research: Undergraduate Research Assistant in Psychology

Directed research in the field of Psychology through the application of research techniques.

Credits: variable to 3.0; May be repeated

Semesters Offered: Fall, Spring, Summer

Restrictions: Permission of instructor required; Must be enrolled in one of the following Major(s): Psychology; May not be enrolled in one of the following Class(es): Freshman

Pre-Requisite(s): PSY 2000

PSY 3095 - Teaching Assistant

Undergraduate Teaching Assistant for Principles of Psychology or other Psych course, including tutoring, assessment, test construction.

Credits: variable to 3.0; May be repeated

Semesters Offered: Fall, Spring, Summer

Restrictions: Permission of instructor required; Must be enrolled in one of the following Major(s): Psychology

Pre-Requisite(s): PSY 2000

PSY 3200 - Motivation and Emotion

Introduction to the theoretical, physiological, cognitive, and behavioral factors underlying the processes of motivated behaviors and emotional states. Emphasis is placed on methods for studying motivation and emotion and their role in human behavior.

Credits: 3.0

Lec-Rec-Lab: (0-3-0)

Semesters Offered: Spring - Offered alternate years beginning with the 2008-2009 academic year

Restrictions: May not be enrolled in one of the following Class(es): Freshman

Pre-Requisite(s): PSY 2000

PSY 3500 - Human Robot Interaction

An overview of the physical, cognitive, and performance capabilities and limitations of humans as they interact with robots and other artificial agents. Emphasis is placed on the tools, techniques and procedures for the assessment and effective design of collaborative human-robot work environments.

Credits: 3.0

Lec-Rec-Lab: (0-3-0)

Semesters Offered: On Demand

Restrictions: May not be enrolled in one of the following Class(es): Freshman

Pre-Requisite(s): PSY 2000

PSY 3700 - Industrial Organizational Psychology

The psychology of work and organizations. Introduction to the use and application of psychology in the workplace. Focus is on the development of employees and organizational structure, and social behavior including the management of work groups and organizations.

Credits: 3.0

Lec-Rec-Lab: (0-3-0)

Semesters Offered: Spring - Offered alternate years beginning with the 2008-2009 academic year

Restrictions: May not be enrolled in one of the following Class(es): Freshman

Pre-Requisite(s): PSY 2000

PSY 3720 - Social Psychology

Survey of social, cultural, and cognitive influences on individual and group behavior. Introduces attitude formation, social conformity, personal perception, aggression, cooperation, and interpersonal and intergroup relations.

Credits: 3.0

Lec-Rec-Lab: (0-3-0)

Semesters Offered: Spring - Offered alternate years beginning with the 2009-2010 academic year

Pre-Requisite(s): UN 2002 or PSY 2000

PSY 3800 - Environmental Psychology

Psychological effects of the physical environment and effects of human action on the sociophysical environment, including an examination of global environmental issues and ecologically-relevant behavior.

Credits: 3.0

Lec-Rec-Lab: (0-3-0)

Semesters Offered: On Demand

Restrictions: May not be enrolled in one of the following Class(es): Freshman

Pre-Requisite(s): PSY 2000

PSY 3850 - Human Factors Psychology

Basic psychological concepts critical to the design of human-technological systems. This class provides an applied perspective of psychological research and insight into the most unpredictable and error-prone component of human-machine systems - the human! Appropriate for both psychology and engineering students.

Credits: 3.0

Lec-Rec-Lab: (0-3-0)

Semesters Offered: Fall - Offered alternate years beginning with the 2008-2009 academic year

Restrictions: May not be enrolled in one of the following Class(es): Freshman

Pre-Requisite(s): PSY 2000

PSY 3860 - Human Performance

Study of human performance including acquisition and retention of skills, performance in typical and highly demanding environments and methods of improving performance.

Credits: 3.0

Lec-Rec-Lab: (0-3-0)

Semesters Offered: On Demand

Restrictions: May not be enrolled in one of the following Class(es): Freshman

Pre-Requisite(s): PSY 2000

PSY 4010 - Cognitive Psychology

A systematic survey of classical and contemporary research topics in human information processing and learning. Topics include models of cognition, perception/pattern recognition, attention, the nature of mental representation and processing; the architecture of memory, imagery, concepts, and prototypes; reasoning, decision making, problem solving, and cognitive development.

Credits: 3.0

Lec-Rec-Lab: (0-3-0)

Semesters Offered: Fall

Pre-Requisite(s): PSY 2000

PSY 4060 - Behavioral Neuroscience

Topics in the field of behavioral neuroscience, intended as the sequel to PSY3060 - Physiological Psychology. Topics may include motor and sensory systems and complex motivated behaviors such as sleep, reproduction, and eating.

Credits: 3.0

Lec-Rec-Lab: (0-3-0)

Semesters Offered: Spring - Offered alternate years beginning with the 2009-2010 academic year

Pre-Requisite(s): PSY 3060

PSY 4080 - Topics in Psychology

An examination of a specific area or approach within the field of Psychology.

Credits: variable to 4.0; May be repeated

Semesters Offered: On Demand

Pre-Requisite(s): PSY 2000

PSY 4090 - Independent Study in Psychology

Designed to allow students to participate in independent readings and research in a variety of areas within psychology.

Credits: variable to 3.0; Repeatable to a Max of 9

Semesters Offered: Fall, Spring, Summer

Restrictions: Permission of instructor required; Must be enrolled in one of the following Major(s): Psychology; May not be enrolled in one of the following Class(es): Freshman, Sophomore

Pre-Requisite(s): PSY 2000 and PSY 3000(C)

PSY 4095 - Field Experience in Psychology

Firsthand experience with the application of psychological principles in the field through volunteer placement with a community agency or business.

Students are responsible for obtaining field placement site in coordination with instructor. Students complete a comprehensive paper.

Credits: variable to 3.0; Repeatable to a Max of 6

Semesters Offered: Fall, Spring, Summer

Restrictions: Permission of instructor required; Must be enrolled in one of the following Major(s): Psychology; May not be enrolled in one of the following Class(es): Freshman, Sophomore

Pre-Requisite(s): PSY 2000 and PSY 2500

PSY 4110 - Learning and Memory

Theories of learning and memory from traditional animal research findings, human research, and more recent trends examining the neural basis of learning and memory will be examined to understand changes in behavior, including the acquisition and retention of knowledge.

Credits: 3.0

Lec-Rec-Lab: (0-3-0)

Semesters Offered: On Demand

Restrictions: May not be enrolled in one of the following Class(es): Freshman

Pre-Requisite(s): PSY 2000

PSY 4160 - Sensation and Perception

Examination of basic sensory mechanisms and perceptual phenomena. Sensory mechanisms reviewed will include vision, audition, olfaction, gustation, vestibular system and touch.

Credits: 3.0

Lec-Rec-Lab: (0-3-0)

Semesters Offered: Fall

Pre-Requisite(s): PSY 3060

PSY 4220 - Psychology and Law

Application of psychological principles to legal concerns and the interaction of psychology and law. Topics include perception, memory, and decision-making processes as applied to eyewitnesses, identification and evaluation of suspects, jury trials, capital punishment, and other current topics.

Credits: 3.0

Lec-Rec-Lab: (0-3-0)

Semesters Offered: Spring - Offered alternate years beginning with the 2005-2006 academic year

Restrictions: May not be enrolled in one of the following Class(es): Freshman

Pre-Requisite(s): PSY 2000

PSY 4400 - Tests and Measurements

Review of psychological tests and test theory, along with principles of construction and analysis of psychological tests.

Credits: 3.0

Lec-Rec-Lab: (0-3-0)

Semesters Offered: On Demand

Restrictions: Must be enrolled in one of the following Major(s): Psychology; May not be enrolled in one of the following Class(es): Freshman

Pre-Requisite(s): PSY 2720 or MA 2720

PSY 4500 - Senior Seminar: Psychology Capstone

Focusing on career preparation or application to graduate programs, an intensive exploration into an aspect (e.g., teaching, service, research) and area (e.g., experimental, developmental, clinical) of psychology will enhance learning and unify knowledge and experiences acquired as a psychology major.

Credits: 2.0

Lec-Rec-Lab: (0-2-0)

Semesters Offered: Fall

Restrictions: Must be enrolled in one of the following Major(s): Psychology; May not be enrolled in one of the following Class(es): Freshman, Sophomore, Junior

Pre-Requisite(s): PSY 3000 and PSY 3001(C)