

# PSYCHOLOGY (PSY)

## PSY 1010 Principles Of Psychology

[3 credit hours]

A survey of the branches of psychology and the scientific approach to the study of behavior.

**Term Offered:** Spring, Summer, Fall

Core Social Sciences, OT36 Social Science

## PSY 2100 Statistical Methods

[3 credit hours]

Descriptive and inferential statistics as applied to research in basic behavioral science and to clinical research. Students are encouraged to take PSY 3120 Understanding Psychological Research before taking this course.

**Prerequisites:** MATH 1320 with a minimum grade of C- or MATH 1330 with a minimum grade of C- or MATH 1340 with a minimum grade of C- or MATH 1750 with a minimum grade of C- or MATH 1830 with a minimum grade of C- or MATH 1850 with a minimum grade of C- or MATH 1920 with a minimum grade of C- or MATH 2450 with a minimum grade of C- or MATH 2600 with a minimum grade of C-

**Term Offered:** Spring, Fall

## PSY 2200 Abnormal Psychology

[3 credit hours]

Disordered human behavior; its etiology, classification and treatment. Consideration of different theories.

**Prerequisites:** PSY 1010 with a minimum grade of D-

**Term Offered:** Spring, Summer, Fall

## PSY 2400 Cognitive Psychology

[3 credit hours]

Theoretical and empirical approaches to the role of pattern recognition, attention, memory, language, problem solving and decision making in human thinking.

**Prerequisites:** PSY 1010 with a minimum grade of D-

**Term Offered:** Spring, Summer, Fall

## PSY 2510 Lifespan Developmental Psychology

[3 credit hours]

Emphasizes research and theory from conception through old age, and integrates important developmental issues within a lifespan approach.

**Prerequisites:** PSY 1010 with a minimum grade of D-

**Term Offered:** Spring, Summer, Fall

## PSY 2600 Psychobiology

[3 credit hours]

The neural bases of behavior; topics include organization of the nervous system, perception and movement, learning and memory, emotion and motivation, drugs, language, and mental disorders.

**Term Offered:** Spring, Summer, Fall

## PSY 2610 Learning And Motivation

[3 credit hours]

Extended treatment of learning, conditioning and motivation including operant learning, reinforcement schedules, symbolic reward, generalization and related theoretical developments.

**Prerequisites:** PSY 1010 with a minimum grade of D-

**Term Offered:** Spring, Fall

## PSY 2700 Social Psychology

[3 credit hours]

Theoretical and empirical treatment of socially-based perception and cognition, interpersonal influence, small group processes and interpersonal relations.

**Prerequisites:** PSY 1010 with a minimum grade of D-

**Term Offered:** Spring, Summer, Fall

## PSY 3000 History Of Psychology

[3 credit hours]

An historical treatment of the development of modern psychology, starting in the mid 19th century, with some consideration of earlier approaches. Theoretical developments are emphasized.

**Prerequisites:** PSY 1010 with a minimum grade of D-

**Term Offered:** Spring, Summer, Fall

## PSY 3010 Culture And Psychology

[3 credit hours]

Theoretical and empirical examination of the generality of psychological concepts across cultural and ethnic groups. A cultural analysis of key topics in clinical, cognitive, developmental and social psychology.

**Prerequisites:** PSY 2200 with a minimum grade of D- or PSY 2400 with a minimum grade of D- or (PSY 2500 with a minimum grade of D- or PSY 2510 with a minimum grade of D- or PSY 2700 with a minimum grade of D-)

**Term Offered:** Spring, Summer, Fall

## PSY 3110 Research Methods In Psychology

[4 credit hours]

Design, execution, analysis and reporting of research in psychology. Lecture and laboratory.

**Prerequisites:** PSY 2100 with a minimum grade of C-

**Term Offered:** Spring, Fall

## PSY 3120 Understanding Psychological Research

[3 credit hours]

Emphasis on the interpretation (as opposed to execution) of psychological research. Features overview of statistical methods and experimental design principles. Recommended before taking PSY 2100 Statistical Methods.

**Prerequisites:** PSY 1010 with a minimum grade of D-

**Term Offered:** Spring

## PSY 3200 Personality And Individual Differences

[3 credit hours]

Overview of major theoretical ideas and empirical research in personality and individual differences.

**Prerequisites:** PSY 1010 with a minimum grade of D-

**Term Offered:** Spring, Summer, Fall

## PSY 3210 Clinical Psychology

[3 credit hours]

An overview of the field of Clinical Psychology including clinical assessment, psychotherapy, community intervention methods and professional/ethical issues.

**Prerequisites:** PSY 2200 with a minimum grade of D-

**Term Offered:** Spring, Summer, Fall

**PSY 3220 Psychopathology Of Childhood**

[3 credit hours]

Clinical and experimental perspectives on behavioral, developmental and emotional disturbances in childhood.

**Prerequisites:** (PSY 2500 with a minimum grade of D- and PSY 2200 with a minimum grade of D-) or (PSY 2510 with a minimum grade of D- and PSY 2200 with a minimum grade of D-)

**Term Offered:** Spring, Summer, Fall

**PSY 3230 Psychological Testing**

[3 credit hours]

History and purpose of psychological testing, review of statistics, reliability and validity, test development, measures of intelligence, personality, and clinical assessment

**Prerequisites:** PSY 1010 with a minimum grade of D- and PSY 2100 with a minimum grade of D-

**PSY 3300 Organizational Development Theory and Principles**

[3 credit hours]

Organizational Development Theory and Principles This course uses applied behavioral science, social psychology and humanist ideologies. This course will examine organizational fundamentals It investigates systems theory; client centered; integral and learning organizations. Conscious business models; globalization; and sustainability will be discussed. Exploration of ethics, morality, values and transforming organizations will be studied. Upon completing this course a student can think critically about organizations and synthesize and apply organizational development theory and concepts.

**Prerequisites:** PSY 1010 with a minimum grade of D-

**Term Offered:** Spring, Fall

**PSY 3310 OD Practices**

[3 credit hours]

Organizational Development Practices We will examine processes, interventions, and methods for leading and participating within organizations. Topics include working with collaborative organizations; initiating and leading change; process improvement; appreciative inquiry and action research; empowerment; integration and diversity; working with teams; focus groups; managing organizational stress; renewal and reintegration and authenticity and trust. Upon completion of the course students will possess tools to intervene in organizations and make informed, reasoned and ethical choices about assisting organizations to change.

**Prerequisites:** PSY 1010 with a minimum grade of D-

**Term Offered:** Spring, Summer, Fall

**PSY 3320 Psychology of Work**

[3 credit hours]

Psychology of Work is intended to look at life inside an organization and view organizations from an interpersonal level. At the conclusion of this course students will possess a greater understanding of how they act and behave within an organization. Topics we will examine include whole life satisfaction; career anchors; influence; conflict; change; crucial and critical conversations; coaching; ownership of performance and tolerating ambiguity.

**Prerequisites:** PSY 1010 with a minimum grade of D-

**Term Offered:** Spring, Summer, Fall

**PSY 3330 Psychology of Leadership**

[3 credit hours]

Psychology of Leadership focuses on developing yourself as a leader. Based on the work of Warren Bennis, we discuss how to become a leader and examination of our mindset about leadership. Students will demonstrate a holistic perspective of leadership by understanding the basics of leadership; by knowing our self and knowing the world. Students will critically think about their own leadership abilities and determine if leadership is for them.

**Prerequisites:** PSY 1010 with a minimum grade of D-

**Term Offered:** Spring, Fall

**PSY 3400 Cognitive Neuropsychology**

[3 credit hours]

Analysis of the neural basis of higher level mental functions (e.g., perception, language, emotion), with an emphasis on anatomic and functional differences between the left and right cerebral hemispheres.

**Prerequisites:** PSY 2400 with a minimum grade of D-

**Term Offered:** Spring, Fall

**PSY 3510 The Adult Years**

[3 credit hours]

Emphasizes growth and change throughout adulthood. Issues of personality and cognitive change are investigated, and theory and research are highlighted.

**Prerequisites:** PSY 2500 with a minimum grade of D- or PSY 2510 with a minimum grade of D-

**Term Offered:** Fall

**PSY 3610 Behavioral Neuroscience**

[3 credit hours]

In-depth treatment of the structure and function of neurons and their mediation of behavior, both normal and abnormal: circadian rhythms, eating, emotions, sexual behavior, memory, language and mental disorders. The scientific study of the brain and methods of neuroscience are emphasized.

**Prerequisites:** PSY 2600 with a minimum grade of C or BIOL 2150 with a minimum grade of C or BIOL 2170 with a minimum grade of C or BIOL 4250 with a minimum grade of C

**Term Offered:** Spring, Fall

**PSY 3620 Sensory Processes**

[3 credit hours]

In-depth treatment of the neural organization of the sensory and motor systems. A comparative and evolutionary approach to the study of perception is emphasized.

**PSY 3630 Everyday Behavior Analysis**

[3 credit hours]

Application of learning and motivation in the home, classroom and workplace. Covers how to define and measure behavior principles of positive and negative reinforcement, and the effects of aversive control.

**Term Offered:** Spring, Summer, Fall

**PSY 3710 Psychology and the Law**

[3 credit hours]

Emphasizes the utilization of theoretical and empirical notions of psychological science as they apply to both civil and criminal law.

**Prerequisites:** PSY 2700 with a minimum grade of D-

**Term Offered:** Spring, Fall

**PSY 3720 Social Cognition**

[3 credit hours]

This course examines how people make sense of other people, themselves, and social situations by examining the cognitive structures and processes involved in judgments, decisions, perceptions, beliefs, and behavior. The topics include (but are not limited to) attribution, counterfactual thinking, judgment heuristics, schemas, person perception, attitudes, and stereotypes/prejudice.

**Prerequisites:** PSY 1010 with a minimum grade of D-

**PSY 3730 Stereotyping, Prejudice, & Discrimination**

[3 credit hours]

This course will examine issues of and related to stereotyping, prejudice, and discrimination from a social psychological perspective with a special emphasis on racism and sexism.

**Prerequisites:** PSY 1010 with a minimum grade of D-

**Term Offered:** Spring, Summer, Fall

Multicultural US Diversity

**PSY 3740 Health Psychology**

[3 credit hours]

This course explores the behavioral and psychological factors that affect stress and illness; topics include health-compromising behaviors (e.g., smoking), stress and pain management, alternative medicine, treatment adherence, and chronic illness.

**Prerequisites:** PSY 1010 with a minimum grade of D-

**Term Offered:** Spring, Summer, Fall

**PSY 3750 Science and Pseudoscience**

[3 credit hours]

In this interdisciplinary course, students will be exposed to scientific principles, concepts, and methods that guide the pursuit of knowledge and aid in the development of critical thinking skills. Students will also be provided with information on how knowledge obtained from science impacts our lives and understanding of the world around us. In learning what constitutes a scientific claim, students will also learn what constitutes an unscientific claim, or pseudoscience.

**Term Offered:** Spring, Summer, Fall

**PSY 3800 Honors Proposal**

[1-3 credit hours]

Literature review and design of an experiment that will form the basis for an Honors Thesis; a formal written proposal will be prepared in conjunction with, and approved by, the thesis advisor and must be submitted to the departmental honors advisor.

**Prerequisites:** PSY 2100 with a minimum grade of D-

**Term Offered:** Spring, Summer, Fall

**PSY 3910 Honors Research**

[1-3 credit hours]

Data collection for research that will form the basis for the Honors Thesis. Admission to Psychology Honors and consent of instructor.

**Term Offered:** Spring, Summer, Fall

**PSY 3940 Externship In Psychology**

[1-4 credit hours]

Supervised work experience in Psychology-related employment settings.

**Term Offered:** Spring, Summer, Fall

**PSY 4100 Research Practicum**

[1-4 credit hours]

Directed by experience in empirical psychological research by students participating in faculty laboratories. Section number denotes field of research. :030-Developmental psychology :040-Social psychology :060-Cognitive and biological psychology :070-Clinical psychology

**Term Offered:** Spring, Summer, Fall

**PSY 4500 Research In Developmental Psychology**

[3-4 credit hours]

A hybrid writing-intensive course developed to provide students both classroom and laboratory experiences to provide training in designing and conducting research in developmental psychology; includes work on research projects.

**Prerequisites:** (PSY 2500 with a minimum grade of D- and PSY 3110 with a minimum grade of D-) or (PSY 2510 with a minimum grade of D- and PSY 3110 with a minimum grade of D-)

**Term Offered:** Spring, Fall

**PSY 4700 Research In Social Psychology**

[2-4 credit hours]

A hybrid research course with both classroom and laboratory experiences to provide training in designing and conducting research in experimental social psychology, includes direct work on research projects. May repeat for credit. Prerequisite: PSY 3110, 2700 or equivalent.

**Prerequisites:** PSY 3110 with a minimum grade of D- and PSY 2700 with a minimum grade of D-

**PSY 4910 Independent Research**

[1-4 credit hours]

This course will be offered every semester and will fill the requirement for an advanced research course. A student will carry out an empirical research project of his or her own design under the guidance of a member of the faculty.

**Prerequisites:** PSY 3110 with a minimum grade of D-

**Term Offered:** Spring, Summer, Fall

**PSY 4960 Honors Thesis**

[2-3 credit hours]

Analysis, interpretation and reporting of research aimed at understanding some aspect of behavior or its underlying mechanisms. The reports include a formal written thesis, a scientific poster and an oral presentation.

**Prerequisites:** (PSY 3110 with a minimum grade of D- and PSY 3800 with a minimum grade of D- and PSY 3820 with a minimum grade of D-)

**Term Offered:** Spring, Summer, Fall

**PSY 4980 Special Topics In Psychology**

[3 credit hours]

Seminar discussion of selected topics in psychology to allow for a more comprehensive treatment than possible in other available courses; or technical laboratory course in neuroanatomical techniques. Topics will vary depending on student demand and availability of instructors.

**Term Offered:** Spring, Summer, Fall

**PSY 4990 Independent Study**

[1-4 credit hours]

This course is a tutorial consisting of directed independent reading, conferences with the instructor to discuss the readings and assess the student's understanding of their significance, and a paper in which the student summarizes the read material, integrates the material and discusses its significance for understanding some aspect of behavior.

**Term Offered:** Spring, Summer, Fall