

# PSYCHOLOGY (PSYC)

## PSYC 1560 General Psychology 3 s.h.

An examination of scientific and clinical approaches to understanding the relationships between one's physical, mental, and emotional well-being, and quality of life, including the basic principles governing the growth and maintenance of behavior, emotion, and cognition.

**Gen Ed:** Social Science.

## PSYC 1560H Honors General Psychology 3 s.h.

An examination of scientific and clinical approaches to understanding the relationships between one's physical, mental, and emotional well-being, and quality of life, including the basic principles governing the growth and maintenance of behavior, emotion, and cognition.

**Gen Ed:** Social Science.

## PSYC 2600 Social Psychology 3 s.h.

Examination of the influence of social interactions on the thoughts, feelings, and behaviors of the individual and the group.

**Gen Ed:** Social Science.

## PSYC 2600H Honors Social Psychology 3 s.h.

Examination of the influence of social interactions on the thoughts, feelings, and behaviors of the individual and the group.

**Gen Ed:** Social Science.

## PSYC 2607 Psychology of Intimate Relationships 3 s.h.

Psychological principles pertaining to intimate relationships, both marital and non-marital, and family dynamics. Includes topics such as communication, problem solving, domestic violence, and sexuality.

**Gen Ed:** Social Science.

## PSYC 2617 Research Methods for Psychology 3 s.h.

An introduction to psychological research methods. Students learn how to conduct ethical research and report their findings as well as to critically evaluate the research of others.

**Prereq.:** "C" or better in PSYC 1560, psychology major or minor, or consent of instructor.

## PSYC 2618 Introduction to Statistics 3 s.h.

Further exploration of psychological research methods and basic statistical analysis, with emphasis on descriptive techniques and data visualization.

**Prereq.:** "C" or better in PSYC 2617.

## PSYC 2629 Data-Based Decision Making 3 s.h.

Students will learn to make decisions and draw inferences from statistical analyses, with emphasis on hypothesis-testing and inferential techniques.

**Prereq.:** C or better in PSYC 2618.

## PSYC 2655 Child Development 3 s.h.

Foundations of human development from conception through approximately the first decade of life. Fundamental issues of developmental processes in biological, cognitive, and social-emotional domains and their broader implications for society and later development of the individual.

**Gen Ed:** Social Science.

## PSYC 2692 Human Sexuality 3 s.h.

An interdisciplinary approach to the study of human sexuality.

**Cross-Listed:** PHLT 2692.

**Gen Ed:** Social Science, Social and Personal Awareness.

## PSYC 3700L Social Psychology Laboratory 1 s.h.

An introduction to planning and conducting social psychological research. Topics include creating participant impact while minimizing loss of control, reducing demand characteristics and experimenter bias, and enhancing mundane and experimental realism. Two hours per week.

**Prereq.:** PSYC 2617 with grade of "C" or better and PSYC 3700 or PSYC 3700H (may be taken concurrently).

## PSYC 3702 Abnormal Psychology 3 s.h.

Patterns of deviant behavior, including current systems of classification; classic syndromes; the nature and trend of major maladjustments; possible causative factors; and methods of prevention and treatment.

**Prereq.:** PSYC 1560.

## PSYC 3702H Honors Abnormal Psychology 3 s.h.

Patterns of deviant behavior, including current systems of classification; classic syndromes; the nature and trend of major maladjustments; possible causative factors; and methods of prevention and treatment.

**Prereq.:** PSYC 1560.

## PSYC 3702L Abnormal Psychology Laboratory 1 s.h.

An introduction to conducting research on psychological disorders, to include a critical review of research literature, examination of case studies, and gathering field-based data. Two hours per week.

**Prereq.:** PSYC 2617 with grade of "C" or better and 3702 or PSYC 3702H (may be taken concurrently).

## PSYC 3705 Psychology of Learning 3 s.h.

A study of the learning process with emphasis on factors such as reinforcement, respondent conditioning, discrimination, generalization, transfer, etc.; an introduction to modern learning theory.

**Prereq.:** PSYC 2617.

## PSYC 3705L Psychology of Learning Laboratory 1 s.h.

Laboratory studies of learning processes. Students use observational and data-recording techniques relevant to investigations of learning processes. Laboratory activities include investigations of classical conditioning, reinforcement, shaping, extinction, practice effects or other phenomena. Two hours per week.

**Prereq.:** PSYC 2617 with grade of "C" or better and PSYC 3705 (may be taken concurrently).

## PSYC 3709 Psychology of Education 3 s.h.

Principles of psychology as applied to the educational process, including characteristics of the individual learner, the classroom, the instructor, methods and techniques, and other factors in the learning process.

**Prereq.:** PSYC 1560.

## PSYC 3712 Industrial/Organizational Psychology 3 s.h.

Principles of psychology applied to business and industry with emphasis upon both personnel and organizational behavior. Topics include job analysis, selection, performance appraisal, organizational development, job satisfaction, motivation, and leadership.

**Prereq.:** PSYC 2617 or equivalent.

## PSYC 3720 Motivation 3 s.h.

Classical and contemporary theories of motivation. Overview of research and theory on the interactive role of biological, learned, and cognitive components in motivation of human behavior, including emotion, need for achievement, affiliation, and power.

**Prereq.:** PSYC 2617.

## PSYC 3724 Advanced Statistical Methods in Psychology 3 s.h.

A continuation of inferential statistics: complex analysis of variance and nonparametric statistics; additional study of special correlational techniques and concepts of regression and prediction. Recommended for the student preparing to seek an advanced degree.

**Prereq.:** "C" or better in PSYC 2618.

## PSYC 3728 Biopsychology 3 s.h.

The structural-functional relationships of the various divisions of the neural system, their relationship to the organism as a whole, and their contributions to human behavior.

**Prereq.:** PSYC 2617.

## PSYC 3728L Physiological Psychology Laboratory 1 s.h.

An introduction to experimental methods for studying effects of environmental stimuli on brain function and behavior in animals. Two hours per week. Permit required.

**Prereq.:** PSYC 2617 with grade of "C" or better and PSYC 3728 (may be taken concurrently).

**PSYC 3730 Psychology of Gender 3 s.h.**

An exploration of psychological research and theories as they apply to gender issues. An optional lab is available.

**Prereq.:** PSYC 1560.

**PSYC 3734 Applied Behavior Analysis 3 s.h.**

Applied Behavior Analysis. Scientific and conceptual foundations of applied behavior analysis. Basic principles of behavior analysis and application in applied settings are emphasized. The behavioral approach is contrasted with other approaches to the understanding and treatment of behavior, with a focus on scientific criteria and methodological differences. Ethical standards are covered.

**Prereq.:** PSYC 1560.

**PSYC 3740 Psychological Measurement 3 s.h.**

Theories and principles of test construction, and an overview of psychological tests and questionnaires use in mental health, educational, and vocational settings.

**Prereq.:** PSYC 2618.

**PSYC 3750 Special Topics in Psychology 3 s.h.**

Selected areas of study not covered in the mainstream curriculum. May be repeated with different topics to a maximum of 9 s.h. toward the major.

**Prereq.:** PSYC 1560.

**PSYC 3751 Special Topics in Psychology Laboratory 1 s.h.**

An introduction to planning and conducting research in selected areas of study. May be repeated with different topics to a maximum of 3 semester hour toward the major.

**Prereq.:** PSYC 2617 with grade of "C" or better.

**PSYC 3758 Lifespan Development 3 s.h.**

Study of theory and research on development from conception to death. Focus upon psychological, physiological, social and cultural influences. May not be taken for credit if the student has received credit for two or more of PSYC 3755, PSYC 3756, PSYC 3757.

**Prereq.:** PSYC 1560.

**Gen Ed:** Social Science, Well Being, Social and Personal Awareness.

**PSYC 3761 Cognition 3 s.h.**

Experimental methods, research findings, and current theories concerned with human cognitive processes. The information-processing approach, focusing on how information is transformed, stored, manipulated, and retrieved. Topics include attention, pattern recognition and categorization, memory, and language.

**Prereq.:** PSYC 2617.

**PSYC 3761L Cognition Laboratory 1 s.h.**

Laboratory demonstrations and experiments using research techniques in cognition. Two hours per week.

**Prereq.:** PSYC 2617 with grade of "C" or better.

**Coreq.:** PSYC 3761.

**PSYC 3766 Cognitive Neuroscience 3 s.h.**

This course is designed to provide students with a strong basic knowledge of the field of Cognitive Neuroscience. We will cover the foundations of the field and develop a thorough understanding of the neural bases of cognition, affect, and human behavior. Throughout this course, we will get a review of various areas of Cognitive Neuroscience, including neuroanatomy, hemispheric specialization, brain development, vision, audition, attention, language, executive functions, learning/memory, consciousness and emotion regulation, among a variety of other topics. This course will include a variety of sources including the required textbook, additional readings, and a series of podcasts/presentations.

**Prereq.:** PSYC 2617.

**PSYC 3770 Individual Study 1-2 s.h.**

Individual study of a special problem, or a review of the literature relating to a specific psychological problem or issue. A written report is required, one copy of which remains on file in the department. May be repeated for a maximum of 4 s.h. with different problems.

**Prereq.:** PSYC 1560 and consent of the chairperson.

**PSYC 3775 Personality 3 s.h.**

A critical overview of the major personality theories and theorists in the field of psychology, their application to the understanding of everyday life and a description of the pertinent research applicable to the evaluation of personality theories.

**Prereq.:** PSYC 1560.

**PSYC 3777 Cross-Cultural Social Psychology 3 s.h.**

A psychological examination of the impact of culture on individual social behavior as applied to topics such as attribution, moral reasoning, gender differences, and group dynamics.

**Prereq.:** PSYC 3700 or ASST 1550.

**PSYC 3779 Careers in Psychology 3 s.h.**

Overview of professional development, including information on career preparation, job search strategies, and graduate studies.

**Prereq.:** PSYC 1560.

**PSYC 3780 Psychological Aspects of Disease and Death 3 s.h.**

The primary factors affecting an individual's attitude toward illness, bereavement, and mortality. The psychological and physiological aspects of disease processes and death.

**Prereq.:** PSYC 1560.

**PSYC 3785H Honors Seminar in Psychology 1 s.h.**

Study of selected topics within psychology suitable to the honors program.

**Prereq.:** Admission to the Psychology Honors Program, permit required.

**PSYC 3790 Field Work in Psychology 3 s.h.**

Exploration of different types of work and issues encountered in professional positions within the field of psychology. Supervised field work hours (approximately 10 hours per week) will be arranged. Criminal background check is required.

**Prereq.:** PSYC 1560 and permission of the chair.

**PSYC 4800 Introduction to Psychotherapy 3 s.h.**

A critical overview of major psychotherapeutic approaches to mental health including an evaluation of empirical validity. Students will develop an increased sensitivity to multicultural and ethical issues.

**Prereq.:** PSYC 3702 or PSYC 3775.

**PSYC 4815 Health Psychology 3 s.h.**

Psychosocial factors that affect the promotion and maintenance of health, as well as the prevention and treatment of illness.

**Prereq.:** 6 s.h. of 3700-level PSYC courses.

**PSYC 4835 Special Topics in Developmental Psychology 3 s.h.**

Advanced and specialized topics in developmental psychology. Topics vary over semesters, and may include the study of infancy, the development of exceptional children, cross-cultural developmental psychology, among others. May be repeated with different topics to a maximum of 6 s.h. toward the major.

**Prereq.:** PSYC 3755 or PSYC 3756 or PSYC 3757 or PSYC 3758.

**PSYC 4841 History of Psychology 3 s.h.**

The development of scientific psychology, with major emphasis on trends since the mid-19th century.

**Prereq.:** 9 s.h. of psychology.

**PSYC 4850 Seminar 3 s.h.**

Major topics in psychology selected by the instructor not covered in other courses.

**Prereq.:** C or better in PSYC 2617.

**PSYC 4850F ST: Meaning & Life Well Lived 3 s.h.**

An exploration of the psychology of meaning, search for meaning, and pursuit of a fulfilling life. Will read original sources materials and published research on meaning, happiness, and mental well-being.

**Prereq.:** C or better in PSYC 2617.

**PSYC 4890 Thesis 1-2 s.h.**

Data collection and a research paper on a topic approved by the thesis advisor. This project takes two semesters to complete. Must be repeated for a maximum of 3 s.h. in the psychology major.

**Prereq.:** Grade of "C" or better in PSYC 2619 & consent of thesis advisor & chair.

**PSYC 4891H Honors Thesis 1-2 s.h.**

The student prepares an empirical research paper on a topic approved by an honors thesis advisor and honors thesis committee. May be repeated for a maximum of 3 s.h. in the psychology major.

**Prereq.:** C or better in PSYC 2619, consent of thesis advisor & chair, and admission into the Honors Program.

**PSYC 4895 Senior Psychology Capstone Experience 2 s.h.**

A capstone experience for the major in psychology.

**Prereq.:** Senior status, grade of "C" or better in PSYC 2618, one PSYC lab course, and consent of thesis advisor and chair.

**Gen Ed:** Capstone.

**PSYC 6905 Principles of Development for School Psychology 3 s.h.**

This course examines principles and theories of human development in typical and atypical populations as they apply to the practice and scholarship of school psychology.

**PSYC 6955 Psychopathology 3 s.h.**

The study of abnormal behavior with an emphasis placed on psychopathological conditions.

**Prereq.:** enrollment in the School Psychology Program.

**PSYC 6957 Advanced Adult Development and Aging 3 s.h.**

Examines the principles and methods of developmental psychology as they are applied to adulthood. Includes physical functioning, cognitive and behavioral processes, intimacy and family issues, personality and emotional development, career development, and sociocultural factors in the aging process.

**Prereq.:** PSYC 3757 or SOC 3703.

**PSYC 6960 Fundamentals of Applied Behavior Analysis 3 s.h.**

An introduction to the scientific and theoretical foundation of applied behavior analysis including definitions and characteristics, principles and concepts, and behavior change procedures.

**Prereq.:** Admission to the MS in Applied Behavior Analysis program or permission of instructor.

**PSYC 6961 Foundations of Experimental Analysis of Behavior 3 s.h.**

An examination of the roles that consequences, and their scheduling, play in the acquisition, maintenance, and structure of behavior, mechanisms and theories about mechanisms by which consequences select and shape behavior, and issues surrounding methods, measurement, and quantification.

**Prereq.:** Admission to the MS in Applied Behavior Analysis program or permission of the instructor.

**PSYC 6962 Behavior Theory and Philosophy 3 s.h.**

The course is designed to help students understand the philosophical and theoretical underpinnings of behavior analysis and to become familiar with some of the controversial issues surrounding the field from both modern and historical perspectives.

**Prereq.:** Admission to the MS in Applied Behavior Analysis program or permission of the instructor.

**PSYC 6963 Behavioral Interventions and Ethical Considerations 3 s.h.**

Introduction to the practice and application of empirically derived behavioral interventions, antecedent manipulations, extinction, differential reinforcement procedures, and punishment procedures for behavior maintained by social positive reinforcement, negative reinforcement, and automatic reinforcement.

**Prereq.:** Admission to the MS in Applied Behavior Analysis program or permission of the instructor.

**PSYC 6964 Observational Methods & Functional Assessment 3 s.h.**

This course provides intensive instruction in functional assessment procedures and direct observation methods to be used by the applied behavior analyst in service delivery in community, mental health and education settings.

**Prereq.:** Admission to the MS in Applied Behavior Analysis program or permission of the instructor.

**PSYC 6965 Behavioral Systems Analysis 3 s.h.**

The application of basic principles of behavior in business and industry settings. Students are expected to master fundamental principles of behavior analysis and apply those principles to a variety of performance problems in business and industry.

**Prereq.:** Admission to the MS in Applied Behavior Analysis program or permission of the instructor.

**PSYC 6966 Research Methods in Applied Behavior Analysis 3 s.h.**

This course covers direct measurement, graphing data, visual inference, single-subject research methodology, program monitoring and evaluation, and ethical issues in applied behavior analytic research.

**Prereq.:** Admission to the MS in Applied Behavior Analysis program or permission of the instructor.

**PSYC 6968 Practicum 1 3 s.h.**

The first-year practicum will give students experience doing functional analyses and behavior assessments with a specific client population. Possible settings include industry, senior-care, prisons, and rehabilitation centers. This course will follow the experience guidelines of the Behavior Analysis Certification Board (www. BACB.com), which requires 1,000 total hours of practicum experience. Students will work 20 hours per week at their practicum site (BACB requirement for Practicum).

**Prereq.:** Admission to the MS in Applied Behavior Analysis program or permission of the instructor.

**PSYC 6969 Practicum 2 3 s.h.**

The second-year practicum will give students experience designing and implementing behavior analytic interventions with a specific client population. This population will be different than that encountered in Practicum I. Possible settings include industry, senior care, prisons, and rehabilitation centers. This course will follow the experience guidelines of the Behavior Analysis Certification Board (www. BACB.com), which requires 1,000 total hours of practicum experience. Students will work 20 hours per week at their practicum site (BACB requirement for Practicum).

**Prereq.:** Admission to the MS in Applied Behavior Analysis program or permission of the instructor.

**PSYC 6981 Seminar in Special Education 1-2 s.h.**

See SPED 6981.

**PSYC 6990 Seminar in Psychology 1-3 s.h.**

Study of topics in psychology. To be announced by topic. Repeatable to six semester hours with change in topic.

**Prereq.:** Permission of instructor.

**PSYC 7010 Counseling Internship 10 s.h.**

See COUN 7010.

**PSYC 7060 Thesis 3-6 s.h.**

Design, proposal, completion, and reporting of scholarly research deemed acceptable by the BATC (Behavior Analysis Training Committee). A student may register for 6 semester hours in one semester or for 3 semester hours in each of two semesters.

**Prereq.:** Admission to the MS in Applied Behavior Analysis program or permission of the instructor.

**PSYC 7060A Thesis I 3-6 s.h.**

Design, proposal, completion, and reporting of scholarly research deemed acceptable by the BATC (Behavior Analysis Training Committee). A student may register for 6 semester hours in one semester or for 3 semester hours in each of two semesters.

**Prereq.:** Admission to the MS in Applied Behavior Analysis program or permission of the instructor.