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 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  Statistics for Psychology  4 s.h.
Further exploration of psychological research methods and statistical analysis, with emphasis on descriptive and inferential techniques. Three hours of lecture, two hours of lab per week.
Prereq.: "C" or better in PSYC 2617 and psychology major, or consent of instructor.

PSYC 2692  Human Sexuality  3 s.h.
An interdisciplinary approach to the study of human sexuality. Listed also as PHLT 2692.

PSYC 3700  Social Psychology  3 s.h.
Examination of the influence of social interactions on the thoughts, feelings, and behaviors of the individual and the group.
Prereq.: PSYC 1560.
Gen Ed: Social Science.

PSYC 3700H  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.
Prereq.: PSYC 1560.
Gen Ed: Social Science.

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; Must be taken concurrent with PSYC 3705L.

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.: Must be taken concurrently with PSYC 3705.

PSYC 3707  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.
Prereq.: PSYC 1560.

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 3709L  Psychology of Education Lab  2 s.h.
Application of principles of psychology in a K-12 educational setting. Evaluation and synthesis of psychological principles, theories, and research. Three hours per week, one hour to be arranged.
Prereq.: PSYC 1560.
Concurrent: PSYC 3709 or consent of instructor.

PSYC 3710  Psychophysiology  3 s.h.
An introduction to the relationship between the psychological and physiological basis of behavior. Response systems, such as cardiovascular, respiratory, and gastrointestinal, as well as applications of principles and theories.
Prereq.: PSYC 2617, concurrent with PSYC 3710L.

PSYC 3710L  Psychophysiology Laboratory  1 s.h.
Measurement and research techniques in basic and applied psychophysiology. Two hours laboratory discussion.
Prereq.: Must be taken concurrently with PSYC 3710.

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 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  Physiological Psychology  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
currently).

PSYC 3730  Psychology of Women  3 s.h.
An exploration of psychological research and theories as they apply to girls
and women. A critical examination of gender similarities and differences.
Prereq.: PSYC 1560.

PSYC 3730L  Psychology of Women Laboratory  1 s.h.
Laboratory and field-based research techniques relating to the study of women
and to gender similarities and differences. Two hours per week.
Prereq.: PSYC 2617 with grade of "C" or better and PSYC 3730 (may be taken
currently).

PSYC 3734  ABA Principles 1: Applied Behavior Analysis  3 s.h.
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 3740L  Psychological Measurement Laboratory  1 s.h.
Application of psychological measurement techniques, test construction,
and psychometric analyses. Optional lab, but must be taken concurrently with
PSYC 3740.
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 3755  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.
Prereq.: PSYC 1560.
Gen Ed: Social Science.

PSYC 3755L  Child Development Laboratory  1 s.h.
Experimental and nonexperimental research methods for gathering data on the
development of children. Two hours per week. A criminal background check is
required to take the course.
Prereq.: PSYC 2617 with "C" or better and PSYC 3755 (may be taken
continuously).

PSYC 3756  Adolescent Development  3 s.h.
Human development from preteen to young adulthood.
Prereq.: PSYC 1560.

PSYC 3756H Honors Adolescent Development  3 s.h.
Human development from preteen to young adulthood.
Prereq.: PSYC 1560.

PSYC 3757  Adult Development  3 s.h.
Human development from adulthood through old age.
Prereq.: PSYC 1560.

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.

PSYC 3760  Perception  3 s.h.
Theories and experimental evidence on how environmental, physiological, and
personal factors influence the reception, organization, and interpretation of
sensory input.
Prereq.: PSYC 2617; Must be taken concurrent with 3760L.

PSYC 3760L  Perception Laboratory  1 s.h.
Laboratory demonstrations and experiments using research techniques in
perception. Two hours per week.
Prereq.: PSYC 2617; Must be taken concurrent with 3760L.

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; Must be taken concurrent with PSYC 3761L.

PSYC 3761L  Cognition Laboratory  1 s.h.
Laboratory demonstrations and experiments using research techniques in
perception. Two hours per week.
Prereq.: Must be taken concurrently with PSYC 3761.

PSYC 3763  Comparative Psychology  3 s.h.
The variety of behaviors within the animal world are compared and contrasted
with human behaviors.
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 4 hours per week) will be arranged. Criminal background check required. May be repeated one time.
Prereq.: 6 s.h. in Psychology, junior/senior standing, and consent of 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 3000-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  2 s.h.
Major topics in psychology not covered in listed courses. Two s.h. may be applied to the psychology major.
Prereq.: Senior standing in psychology, or consent of instructor.

PSYC 4857  Biopsychological Aspects of Health and Aging  3 s.h.
Broad overview of development and change across the adult lifespan, focusing on an examination and understanding of biological aging and how they affect functioning, adjustment, and wellness. Distinction between primary aging (normal, universal biological changes) and secondary aging (disease, lifestyle-determined changes) will be made.
Prereq.: PSYC 3757 or PSYC 3758.

PSYC 4860  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 2618.

PSYC 4890  Senior Thesis  1 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 2 s.h.
Prereq.: Senior status, grade of "C" or better in PSYC 2618, one PSYC lab course, & consent of thesis advisor & chair.
Gen Ed: Capstone.

PSYC 4891H Honors Thesis  1 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 4 s.h.
Prereq.: Senior status, C or better in PSYC 2618, one PSYC lab course, consent of thesis advisor & chair, and admission into the Honors Program.
Gen Ed: Capstone.

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 6903  Psychology of Learning and Education  3 s.h.
Examination of the teaching and learning process and its implications for use in education.

PSYC 6905  Human Growth and Development  3 s.h.
A life-span perspective to theoretical and empirical issues of development from conception to death.

PSYC 6906  Advanced Child Development  3 s.h.
Expanded aspects of child and adolescent psychology.

PSYC 6907  Psychology of Adjustment  2 s.h.
Basic problems dealing with mental health, individual differences, motivation, and minor deviant behavior.

PSYC 6930  Child and Adolescent Health Psychology  3 s.h.
Comprehensive theoretical and empirical coverage of topics in pediatric and health psychology.
Prereq.: PSYC 6905.

PSYC 6936  Cognitive and Social Development  2 s.h.
This course will survey major theories and empirical findings of cognitive development and the development of interpersonal relations across childhood.
Prereq.: PSYC 6905.

PSYC 6940  Personality Theory  2 s.h.
The study of major personality theories and their implications for psychotherapy and mental health work.
Prereq.: PSYC 3740 Psychological Measurement.

PSYC 6955  Psychopathology  2 s.h.
The study of abnormal behavior with an emphasis placed on psychopathological conditions.
Prereq.: PSYC 6940.

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 6959  Behavior Change Interventions and Aging  3 s.h.
To explore behavior change resulting from training interventions, both general as well as specific age-related training issues. General topics in training will include transfer, retention, and habilitation issues. Specific training domains will encompass attention training, exercise training, memory training, job training and motivation, behavior problems, and computer training.
Prereq.: Admission to the MS in Applied Behavior Analysis program or permission of the instructor.

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 7000  Psychopharmacology  2 s.h.
An introduction to the basic principles of pharmacology; a review of the
structures and mechanisms of the central nervous system, with emphasis on
neurotransmission; and a survey of the drugs that especially affect the central
nervous system, including possible mechanisms of action.

PSYC 7010  Counseling Internship  10 s.h.
See COUN 7010.