

PSYCHOLOGY (PSYCH)

Courses

PSYCH 101 INTRODUCTION TO THE PSYCHOLOGY MAJOR 1 Units

Introduction to the Psychology Major outlines academic emphases and requirements within the major and introduces students to a breadth of psychological careers. Students will learn basics of APA style, become familiar with paths to graduate school and psychology-related careers, and plot their own course of study in the major.

PREREQ: PSYCHOLOGY MAJOR OR PSYCHOLOGY MINOR OR CONSENT OF INSTRUCTOR

PSYCH 104 PSYCHOLOGY OF HUMAN ADJUSTMENT 3 Units

Focuses on the processes of decision-making, conflict resolution, and value judgments. Emphasis will be on understanding practical methods for handling interpersonal relationships. Effective use of coping devices for college students and others will be studied. Enhancing the psychological resources for personal change and growth will be stressed.

PSYCH 202 PSYCHOLOGY OF WOMEN 3 Units

Inquiry into the psychology of women with an emphasis on theory and research. Study of gender differences in behavior and personality from intrapsychic and sociocultural viewpoint. Personality development and life stages of women.

PSYCH 211 INTRODUCTORY PSYCHOLOGY 3 Units

A survey of contemporary psychology covering human development, intelligence, abilities, sensation, perception, motivation, emotion, learning, personality structure, disordered behavior, social psychology, and the physiological bases of behavior. Includes an overview of current theory, research methods, and controversial issues in the field.

PSYCH 215 BASIC STATISTICAL METHODS 3 Units

An introduction to descriptive and inferential statistics. Topics include preliminary concepts, frequency distribution, graphic methods, measures of central tendency and variability, percentiles, probability, normal distribution, correlation analysis, sampling theory, parametric and selected non-parametric hypotheses-testing procedures. Lectures are supplemented by computational laboratory sessions.

PREREQ: C OR BETTER IN (MATH 139 OR MATH 141 OR MATH 142 OR STAT 101)

PSYCH 216 RESEARCH METHODS 5 Units

A laboratory course in the methodology of psychological research with emphasis on design, measurement, and statistical analysis appropriate for testing hypotheses in perception, learning, memory and other areas of general psychology. Students design and conduct experiments and write reports.

PREREQ: PSYCH 211 AND PSYCH 215

PSYCH 296 SPECIAL STUDIES *Repeatable* 1-3 Units

Variable topics. Group activity oriented presentations emphasizing 'hands on' and participatory instructional techniques. Repeatable for a maximum of 6 credits in degree.

PSYCH 301 INTRODUCTION TO BEHAVIORAL NEUROSCIENCE 3 Units

A survey of the biological and physiological bases of human and animal behavior, with particular attention to the following: Basic principles of the anatomy, physiology, and biochemistry of the nervous system; sensory and motor systems; sleep; circadian rhythms; sexual behavior; emotion and stress; motivation; learning, memory, and language; neurological disorders; psychopathology.

PREREQ: PSYCH 211 OR 4 CREDITS IN BIOLOGY

PSYCH 302 THE BIOLOGICAL BASIS OF EMOTION 3 Units

Explores the biological function of emotion, the physiological, neural, and psychological structure of emotion, and the biological mechanisms by which emotion interacts with other aspects of human behavior. Understanding of how scientific researchers explore the biology of behavior, and skills in reading, summarizing, and critiquing primary literature will be developed.

PREREQ: PSYCH 211

PSYCH 303 LEARNING AND CONDITIONING 3 Units

Studies the basic processes of how organisms modify their behavior. Topics include classical and instrumental conditioning, reinforcement, extinction, punishment and avoidance, generalization and discrimination, and biological constraints on learning.

PREREQ: PSYCH 211

PSYCH 304 PSYCHOLOGY OF PERSONALITY 3 Units

An introduction to the study of the uniqueness of the individual. Emphasis will be on research methods and on theories as well as on some of the more important characteristics on which individuals differ.

PREREQ: PSYCH 211

PSYCH 305 PSYCHOLOGY OF PERCEPTION 3 Units

A study of how sensations emerge from physical energies falling upon sense receptors and get organized into the percepts we call events, objects and object properties of the real world including our self image. Topics include illusions, hallucinations, and normal experiences with all the senses, especially touch, hearing, and vision.

PREREQ: PSYCH 211

PSYCH 321 POSITIVE PSYCHOLOGY 3 Units

This course provides an introduction to the scientific study of human flourishing including ideas such as hope, mindfulness, love, humor, wisdom and purpose. Students will gain an understanding of the current research into positive traits, experiences, and institutions and learn to apply evidence-based strategies for improving well-being in their lives.

PREREQ: PSYCH 211

PSYCH 327 INTRODUCTION TO CLINICAL, COUNSELING, AND SCHOOL PSYCHOLOGY 3 Units

A survey course designed to offer a comprehensive overview of clinical, counseling, and school psychology professions. Examines roles, activities (assessment, diagnosis, consultation, intervention, and prevention), and current issues in the professional fields.

PREREQ: PSYCH 211

PSYCH 330 LIFESPAN DEVELOPMENT 3 Units

This course provides an examination of the biological, cognitive, social and emotional development of humans from conception to death.

The course emphasizes typical developmental stages and patterns of adjustment to differing life-time demands as well as the role of cultural difference in the developmental process. The theories and principles of human development are examined in light of contemporary research.

PREREQ: PSYCH 211

PSYCH 345 PSYCHOPATHOLOGY 3 Units

An introductory survey of psychopathology covering the clinical syndromes included in the diagnostic classification system of the American Psychiatric Association. Current research regarding causal factors, treatment, and outcomes supplement descriptions of maladaptive patterns of behavior.

PREREQ: PSYCH 211 OR GRADUATE STANDING

PSYCH 351 COGNITIVE PSYCHOLOGY 3 Units

Course will explore processes of thought, attention memory, language, and problem-solving. Students will explore various theories of cognition from traditional psychological theories (i.e., linguistic vs. image based thought) to the current computer-based models (i.e., artificial intelligence) and examine relevant evidence to help us gain insight into the workings of the human mind.

PREREQ: PSYCH 211

PSYCH 355 SOCIAL PSYCHOLOGY 3 Units

The study of the individual (thus psychological) in social contexts (thus sociological), emphasizing such topics as interpersonal attractions, prejudice, leadership, formal and informal social roles, conflicts, brainwashing, social power, social influence, persuasion, stereotyping, conformity, obedience, group effectiveness, self-perception, and validation in social interaction of beliefs, values, attitudes, self-concepts.

PREREQ: PSYCH 211

PSYCH 383 HEALTH PSYCHOLOGY 3 Units

In this course, students will study the inter-relationship between psychology and health. Students will gain an understanding of the mind-body connection in the context of evidence-based approaches to disease prevention and wellness promotion through the lens of the biopsychosocial model.

PREREQ: PSYCH 211 OR PUBHLTH 101

PSYCH 394 DIRECTED RESEARCH IN PSYCHOLOGY *Repeatable* 3 Units

Students, under faculty supervision, participate in some or all phases of research projects, literature search, design, data collection and analysis, and preparation of research reports. Repeatable for a maximum of 6 units in the psychology major or minor. Topics vary from term to term.

PSYCH 407 PSYCHOLOGY OF EMOTION AND MOTIVATION 3 Units

Motivation is fundamental to human behavior, and emotion is intricately involved in motivational processes as both cause and effect. This course offers an introduction to the psychological bases of and interrelations between human emotion and motivation.

PREREQ: PSYCH 216 AND (PSYCH 302 OR PSYCH 304 OR PSYCH 330 OR PSYCH 355)

PSYCH 412 COMPARATIVE PSYCHOLOGY 3 Units

Comparative psychology is the study of animal behavior. Studying animals helps us understand what makes us uniquely human, and it also illuminates many areas of cross-species similarity. This course will examine the research on topics such as animal reasoning, language, and social behavior.

PREREQ: (PSYCH 216 OR BIOLOGY 303) AND (PSYCH 301 OR PSYCH 303 OR PSYCH 351 OR BIOLOGY 301) OR INSTRUCTOR CONSENT

PSYCH 416 ADVANCED AND MULTIVARIATE DATA ANALYSIS FOR THE LIFE SCIENCES 3 Units

An introduction to multifactorial and multivariate data analyses commonly used in life sciences such as psychology and biology. Analyses include analysis of variance and covariance, multiple analysis of variance and covariance, multiple regression, foundations of structural equation modeling (path analysis and latent factor analysis), discriminant analysis and logistic regression.

PREREQ: PSYCH 215 OR BIOLOGY 303 OR CONSENT OF INSTRUCTOR AND JUNIOR STANDING

PSYCH 420 PSYCHOLOGY IN THE SCHOOLS 3 Units

An examination of the history, foundations, legal/ethical, and role and function issues in school psychology. Particular attention will be focused on the exploration of specific models of school psychological service delivery, including direct intervention and school-based consultation with education and agency professionals.

PREREQ: PSYCH 216 AND (PSYCH 327 OR PSYCH 330 OR PSYCH 345)

PSYCH 426 CROSS-CULTURAL PSYCHOLOGY 3 Units

This course examines the relationship between culture and psychological processes. We will explore theories and research in various areas (e.g., self, socialization, cognition, motivation, emotion, and well-being) from the perspective of culture. We will discuss the implications of cultural similarities and differences in these areas for the scientific study of psychology, and for our personal lives in a diverse society.

PREREQ: PSYCH 216 AND (PSYCH 355 OR PSYCH 304 OR PSYCH 330)

PSYCH 431 PSYCHOLOGY OF CHILDHOOD 3 Units

An in-depth overview of the core theories, scientific methods, and major research findings for studying young children. Multiple aspects of early child development, including neurological/cognitive and social/emotional development from infancy through middle childhood, are considered.

The approach to these topics is scientific, with an emphasis on recent research findings in developmental psychology.

PREREQ: PSYCH 216 AND PSYCH 330

PSYCH 432 PSYCHOLOGY OF ADOLESCENCE 3 Units

An examination of the biological, cognitive, social, and emotional development of humans from puberty to young adulthood, with particular attention to theory and research on key developmental tasks including identity, autonomy, intimacy, and sexuality development. Includes an emphasis on the influence of sociocultural contexts on development.

PREREQ: PSYCH 216 AND (PSYCH 301 OR PSYCH 330 OR PSYCH 345 OR PSYCH 351 OR PSYCH 355)

PSYCH 440 PSYCHOLOGICAL TESTS AND MEASUREMENTS 3 Units

Demonstrates the principles of psychological measurement. Demonstrates contents and uses of specific tests of mental ability, achievement, personality, interests, and special abilities. Field work: Group examination of regional schools' testing program - analysis of tests of this program.

PREREQ: PSYCH 216 AND (PSYCH 304 OR PSYCH 327)

PSYCH 444 PRINCIPLES OF BEHAVIOR MODIFICATION 3 Units

A survey of the various methods used in behavior modification programs. The background and theory of specific techniques will be carefully considered. The variables to be reviewed in establishing a sound program will be presented and evaluated.

PREREQ: PSYCH 216 AND PSYCH 303

PSYCH 455 SOCIAL COGNITION 3 Units

An advanced course on social and personality (trait) psychology that considers topics in social thinking, including attitudes, attributions, biases, cognitive dissonance, diffusion of responsibility, nonverbal decoding, prejudice, and social comparison and including social-cognitive traits such as attributional complexity and need for cognitive closure. There will be a focus on applications and on evaluating major debates in the social-cognitive research literature.

PREREQ: PSYCH 216 AND (PSYCH 304 OR PSYCH 355)

PSYCH 475 HISTORY AND SYSTEMS OF PSYCHOLOGY 3 Units

An overview of major psychological theories and theoretical issues designed to assist the advanced student in organizing and integrating his knowledge of factual content in psychology and in completing a strong foundation for graduate study.

PREREQ: PSYCH 216 AND (PSYCH 303 OR PSYCH 304 OR PSYCH 305 OR PSYCH 351)

PSYCH 480 SCHOOL VIOLENCE AND CRISIS MANAGEMENT 3 Units

Advanced undergraduate students who have professional and/or scholarly interests in understanding variables associated violence and crisis management in public school setting. Emphasizes: Psychological, developmental, and risk correlates of childhood aggression; critical examination of prevention and intervention models considered most effective and useful in the school setting; in depth understanding of crisis prevention and response models.

PREREQ: PSYCH 216 AND (PSYCH 327 OR PSYCH 330 OR PSYCH 345) OR CONSENT OF INSTRUCTOR

PSYCH 483 ADVANCED HEALTH PSYCHOLOGY 3 Units

An examination of how scientific knowledge of the biopsychosocial components in health and disease are applied to the development of prevention and interventions programs for physical disease and disability as well as the promotion of health. Includes attention to theory, assessment, and prevention and intervention techniques with an emphasis on their ethical and evidence-based applications in diverse populations.

PREREQ: PSYCH 216 AND PSYCH 383

PSYCH 486 INTERVIEW AND PSYCHOTHERAPY TECHNIQUES 3 Units

A review of the literature on interview techniques as a method of assessment and as a method of helping. Students will observe and discuss demonstrations conducted by faculty members. In addition, students will conduct, role-play, tape, and analyze interviews themselves.

PREREQ: PSYCH 216 AND (PSYCH 304 OR PSYCH 327)

PSYCH 487 FIELD TRAINING IN PSYCHOLOGY 3 Units

In this course students are placed in a supervised field experience in a selected agency or institution along with a classroom component. The course emphasizes application of psychological concepts and research in an applied setting.

PREREQ: PSYCH 216 AND CONSENT OF INSTRUCTOR; CONTACT INSTRUCTOR FOR APPLICATION PROCESS AND PREREQUISITES

PSYCH 489 FAMILY THERAPY 3 Units

Concepts, theories, and research in family therapy will be reviewed. Students will role-play family problems and treatment skills. This course does not qualify a student to practice family therapy, for which an internship and/or clinical placement and graduate degree are necessary.

PREREQ: PSYCH 216 AND (PSYCH 327 OR PSYCH 345)

PSYCH 490 WORKSHOP Repeatable 1-6 Units

Variable topics. Group activity oriented presentations emphasizing `hands on` and participatory instructional techniques. Repeatable for a maximum of 6 credits in degree.

PREREQ: SENIOR STATUS OR CONSENT OF INSTRUCTOR

PSYCH 494 SEMINAR IN PSYCHOLOGY Repeatable 1-3 Units

Variable topics. Group activity. An advanced course of study in a defined subject matter area emphasizing a small group in intense study with a faculty member. Repeatable, with permission of the Psychology Department, for a maximum of 6 credits in major/degree.

PREREQ: 12 CREDITS IN PSYCHOLOGY

PSYCH 496 SPECIAL STUDIES Repeatable 1-3 Units

Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings.

Repeatable, with permission of department, for a maximum of 6 credits in major/degree.

PREREQ: 12 CREDITS IN PSYCHOLOGY OR CONSENT OF INSTRUCTOR AND JUNIOR STANDING

PSYCH 497 EXCHANGE STUDY Repeatable 0.5-12 Units

Variable topics. See Schedule of Classes. Repeatable.

PSYCH 498 INDEPENDENT STUDY Repeatable 1-3 Units

Study of a selected topic or topics under the direction of a faculty member. Repeatable in combination with PSYCH 498R, for a maximum of 6 units in major and 12 units in degree..

PREREQ: 2.75 GPA, 9 CREDITS IN PSYCHOLOGY, JUNIOR OR SENIOR STANDING AND CONSENT OF INSTRUCTOR

PSYCH 498R INDEPENDENT STUDY - UNDERGRADUATE RESEARCH Repeatable 1-3 Units

Limited to students in the Undergraduate Research Program or to students whose faculty-recommended project meets departmental expectations for undergraduate research. Repeatable, in combination with PSYCH 498, for a maximum of 6 units in major and 12 units in degree.

PREREQ: 2.75 GPA, 9 CREDITS IN PSYCHOLOGY, JUNIOR OR SENIOR STANDING AND CONSENT OF INSTRUCTOR

PSYCH 499 SENIOR THESIS Repeatable 3-6 Units

Students engage in a critical review or an experimental study of a topic of interest to them under the supervision of an honors thesis committee of the psychology department. Repeatable for a maximum of 6 credits in the major.

PREREQ: PSYCHOLOGY MAJOR OR MINOR WITH AT LEAST 20 UNITS IN PSYCHOLOGY COURSES AND A MINIMUM COMBINED CUMULATIVE GPA OF 3.0