

PSYCHOLOGY

<http://www.psy.miami.edu>

Dept. Code: PSY

Introduction

Psychology is the study of how individuals think, behave, feel, and relate to others. Because of its broad and fundamental nature, the psychology major prepares students for graduate study and/or careers in a wide range of people-oriented professions (e.g., psychology, medicine, law, business, communication, etc.). Psychology majors learn about human behavior and gain the analytical and critical thinking skills that are highly-valued in the workforce.

Educational Objectives

The Department of Psychology seeks to provide students with exposure to and a fundamental understanding of psychological science by delivering an integrative educational experience and promoting interactions among faculty, graduate students, and undergraduate students in basic and applied psychological inquiry, advising, mentoring, and community outreach.

Degree Programs

The Department of Psychology offers a Bachelor of Arts (B.A.) and a Bachelor of Science (B.S.) degree.

Departmental Honors

Students can earn Departmental Honors in Psychology by demonstrating excellence in their course work and completing a Senior Honors Thesis in Psychology.

1. **Excellence in Coursework** – A minimum 3.3 combined GPA and a minimum 3.5 psychology GPA is required.
2. **Senior Honors Thesis in Psychology** – This is an independent empirical research project that is completed across two semesters (i.e., PSY 580 and PSY 581) under the supervision of a faculty mentor in the Department of Psychology. At least one year of prior research experience with the faculty mentor is highly recommended. Written approval from the faculty mentor and the Director of Undergraduate Academic Services is also required.

PSY 110. Introduction to Psychology. 3 Credit Hours.

A survey of modern scientific psychology. Topics include learning, memory, perception, cognition, personality, motivation, emotion, development, abnormal psychology, and social psychology. Participation in a small number of experiments is required to ensure that students become acquainted first hand with the experimental laboratory methods used in Psychology. Students may choose to satisfy this requirement by writing a small number of methodology papers instead.

Components: LEC.

Grading: GRD.

Typically Offered: Fall, Spring, & Summer.

PSY 175. Special Topics. 1-3 Credit Hours.

Content varies by semester.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

PSY 190. Faculty Overview of Research and Undergraduate Mentoring (FORUM). 1 Credit Hour.

Critical discussion of research reports in psychology. Open to all PSY majors, not just first year students.

Pre-requisite: PSY Major.

Components: DIS.

Grading: GRD.

Typically Offered: Spring.

PSY 210. Social Psychology. 3 Credit Hours.

The major theories, methods and research findings in social psychology. Attitude formation and change, person perception, interpersonal attraction, aggression, group structure, leadership, conformity and mass phenomena. Emphasizes the individual as the basic unit of analysis.

Prerequisite: C- or higher in PSY 110.

Components: LEC.

Grading: GRD.

Typically Offered: Fall, Spring, & Summer.

PSY 220. Introduction to Psychobiology. 3 Credit Hours.

Behavior viewed from a biological perspective. Survey of biological factors subserving sensation, perception, sleep, emotions, motivation, learning, memory, and development

Prerequisite: C- or higher in PSY 110.

Components: LEC.

Grading: GRD.

Typically Offered: Fall, Spring, & Summer.

PSY 225. Introduction to Evolutionary Psychology. 3 Credit Hours.

Integrates concepts and evidence from evolutionary biology, behavioral ecology, anthropology, and cognitive science to better understand human nature. The course covers topics such as natural selection, inclusive fitness, life history theory, emotions, aggression, cooperation, mating, morality, and religion.

Components: LEC.

Grading: GRD.

Typically Offered: Fall.

PSY 230. Child and Adolescent Development. 3 Credit Hours.

Survey of significant aspects of growth and development throughout the lifespan. Emphasis placed on childhood and adolescence.

Prerequisite: C- or higher in PSY 110.

Components: LEC.

Grading: GRD.

Typically Offered: Fall & Spring.

PSY 235. Introduction to Applied Behavioral Analysis. 3 Credit Hours.

Provides students with a better understanding of the concepts, methods, and procedures used in behavior analytic research and clinical work. Students will become familiar with the scientific foundations of behavioral science and the basic concepts and principles of behavior analysis. The course will emphasize terminology and definitions of behavioral concepts, as well as introduce the application of those concepts to bring about behavior change.

Prerequisite: PSY 110. And Requisite: PSY/ NEU Majors or PSY Minor.

Components: LEC.

Grading: GRD.

Typically Offered: Fall & Spring.

PSY 240. Psychopathology. 3 Credit Hours.

Previous Course Title: Abnormal Psychology. Diagnostic formulations of the clinical syndromes; theories of psychopathological states.

Prerequisite: C- or higher in PSY 110.

Components: LEC.

Grading: GRD.

Typically Offered: Fall, Spring, & Summer.

PSY 250. Cognitive Psychology. 3 Credit Hours.

Survey of theory and research on human information processing and cognitive processes.

Prerequisite: C- or higher in PSY 110.

Components: LEC.

Grading: GRD.

Typically Offered: Fall & Spring.

PSY 260. Personality Psychology. 3 Credit Hours.

A survey of the area of personality, including the relation of personality to general psychology, history of theory and research in the field, definition, assessment, and research findings in major substantive areas.

Prerequisite: C- or higher in PSY 110.

Components: LEC.

Grading: GRD.

Typically Offered: Fall & Spring.

PSY 272. Science and Pseudoscience. 3 Credit Hours.

The features that characterize science and the ways that pseudoscience (e.g., ESP, astrology, energy therapy, aliens, ghosts) deviates from these. Students will learn about the factors that influence human thinking, decision making, and behavior as well as how to critically evaluate the credibility of claims and arguments. This course will help students improve their analytical and reasoning skills, support their arguments and evaluate the arguments made by others, and become better consumers of information.

Prerequisite: C- or higher in PSY 110.

Components: LEC.

Grading: GRD.

Typically Offered: Fall & Spring.

PSY 275. Special Topics. 3 Credit Hours.

Content varies by semester.

Prerequisite: C- or higher in PSY 110.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

PSY 280. Research Projects I. 1-3 Credit Hours.

Students assist on a research project in psychology under supervision of a faculty member. Activities include library research, data collection and management, and attendance at research team meetings. Students interested should contact the particular Psychology Faculty member they'd like to work with.

Instructor Permission and either Prerequisite: C- or higher in PSY 110 or Concurrent enrollment PSY 110.

Components: IND.

Grading: GRD.

Typically Offered: Fall, Spring, & Summer.

PSY 290. Introduction to Research Methods. 3 Credit Hours.

An introduction to research methods in psychology. We will discuss the scientific concepts, principles, and ways of thinking that are central to the study of psychology. Topics to be covered include the goals of psychological research, ethical issues in the design and implementation of research studies, research design strategies and types of measurement, and methods of presenting data. A variety of in-class assignments will provide students with the opportunity to reflect upon the ways in which research is conducted, presented, and interpreted.

Prerequisite or Corequisite: C- or Higher in PSY 110.

Components: LEC.

Grading: GRD.

Typically Offered: Fall, Spring, & Summer.

PSY 291. Introduction to Biobehavioral Statistics. 3 Credit Hours.

The basics of descriptive and inferential statistics, but the focus will be on the latter. We will cover only enough descriptive statistics to enable us to introduce the inferential concepts of regression, t-tests ANOVA and Chi Square. This course is reserved for PSY majors and minors

Prerequisite: PSY Major or Minor, and C- or higher in PSY 110, and MTH 101 or higher.

Components: LEC.

Grading: GRD.

Typically Offered: Fall & Spring.

PSY 292. Introduction to Biobehavioral Statistics Section B. 3 Credit Hours.

The basics of descriptive and inferential statistics, but the focus will be on the latter. Descriptive statistics to introduce the inferential concepts of regression, t-tests ANOVA and Chi Square. This course is open to PSY majors and non-majors

Prerequisite: For PSY Majors or Minors: C- or higher in PSY 110, and MTH 101 or higher; For Non-PSY majors: C- or higher in MTH 101.

Components: LEC.

Grading: GRD.

Typically Offered: Fall, Spring, & Summer.

PSY 306. Introduction to Research and Graduate School. 1 Credit Hour.

Introduction to research and graduate school in psychology and psychology-related fields. The course will focus on different opportunities available to students at the University and on the graduate school application process.

Prerequisite: 2.5 GPA and 15 credits in PSY including PSY 110, PSY 290, and PSY 291 or 292 and 6 additional credits of either PSY 200 level classes or any NEU classes.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

PSY 310. Attitudes and Persuasion. 3 Credit Hours.

An analysis of the major theories and research findings relating to attitude formation and change, including a review of widely used persuasion techniques.

Prerequisite: 2.5 GPA and 15 credits in PSY including PSY 110, PSY 290, and PSY 291 or 292 and 6 additional credits of either PSY 200 level classes or any NEU classes.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

PSY 311. Emotion. 3 Credit Hours.

Theory and research concerning the development, arousal, and expression of emotional reaction.

Prerequisite: 2.5 GPA and 15 credits in PSY including PSY 110, PSY 290, and PSY 291 or 292 and 6 additional credits of either PSY 200 level classes or any NEU classes.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

PSY 312. Psychology of Gender. 3 Credit Hours.

Psychological theories and research related to understanding issues of gender across the lifespan.

Prerequisite: 2.5 GPA and 15 credits in PSY including PSY 110, PSY 290, and PSY 291 or 292 and 6 additional credits of either PSY 200 level classes or any NEU classes.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

PSY 313. Romantic Relations. 3 Credit Hours.

An introduction to how social scientists think about, study, and intervene with romantic relationships.

Prerequisite: 2.5 GPA and 15 credits in PSY including PSY 110, PSY 290, and PSY 291 or 292 and 6 additional credits of either PSY 200 level classes or any NEU classes.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

PSY 320. Psychology of Drugs and Behavior. 3 Credit Hours.

The psychological and physiological effects of drugs. Includes psychosocial aspects of drug use and the treatment and prevention of abuse. An introduction to psychopharmacology.

Prerequisite: 2.5 GPA and 15 credits in PSY including PSY 110, PSY 290, and PSY 291 or 292 and 6 additional credits of either PSY 200 level classes or any NEU classes.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

PSY 325. Sex and Evolution. 3 Credit Hours.

A biological/evolutionary approach to the study of human sexuality and cognition. The evolution of sexual reproduction and the evolution of the two sexes. Initial discussions will introduce the theory of evolution by natural selection and address the different levels at which selection operates. Building on this foundation, the class will focus on why sex evolved and the myriad physiological and psychological adaptations that evolved as a consequence. Topics to be covered include sexual selection, mate selection, pregnancy, and parent-offspring conflict.

Prerequisite: 2.5 GPA and 15 credits in PSY including PSY 110, PSY 290, and PSY 291 or 292 and 6 additional credits of either PSY 200 level classes or any NEU classes.

Components: LEC.

Grading: GRD.

Typically Offered: Spring.

PSY 330. Psychology of Language Development. 3 Credit Hours.

The study of language acquisition, primarily focusing on infancy through 5 years. Topics covered include biological bases of language, sound discrimination abilities, babbling and speech production.

Prerequisite: 2.5 GPA and 15 credits in PSY including PSY 110, PSY 230, PSY 290, and PSY 291 or 292 and 3 additional credits of a PSY 200 level class or any NEU class.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

PSY 331. Psychology of Adulthood and Aging. 3 Credit Hours.

Major developments during the middle and later years of adulthood including changes in family and peer relationships, cognitive changes, physical changes, and psychological aspects of death and dying.

Prerequisite: 2.5 GPA and 15 credits in PSY including PSY 110, PSY 230, PSY 290, and PSY 291 or 292 and 3 additional credits of a PSY 200 level class or any NEU class.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

PSY 345. Child Psychopathology. 3 Credit Hours.

Reviews definitions, theories, and causes of mental and cognitive disorders in youth, including anxiety, depression, conduct problems, and learning and intellectual disabilities.

Prerequisite: 2.5 GPA and 15 credits in PSY including PSY 110, PSY 230 or PSY 240, PSY 290, and PSY 291 or 292 and 3 additional credits of a PSY 200 level class or any NEU class.

Components: LEC.

Grading: GRD.

Typically Offered: Spring.

PSY 355. Psychology of Thinking and Learning in Children. 3 Credit Hours.

Development of perceptions, thought, and language processes throughout the lifespan with an emphasis on early and middle childhood.

Prerequisite: 2.5 GPA and 15 credits in PSY including PSY 110, PSY 230, PSY 290, and PSY 291 or 292 and 3 additional credits of a PSY 200 level class or any NEU class.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

PSY 356. Psychology of Intellectual and Developmental Disabilities. 3 Credit Hours.

The etiological, social, and psychological aspects of intellectual and developmental disabilities.

Prerequisite: 2.5 GPA and 15 credits in PSY including PSY 110, PSY 230, PSY 290, and PSY 291 or 292 and 3 additional credits of a PSY 200 level class or any NEU class.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

PSY 360. Personality Theory. 3 Credit Hours.

The role of structure, development, dynamics, individual differences, assessments, and deviations.

Prerequisite: 2.5 GPA and 15 credits in PSY including PSY 110, PSY 260, PSY 290, and PSY 291 or 292 and 3 additional credits of PSY 200 level classes.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

PSY 370. Psychology of Human Sexual Behavior. 3 Credit Hours.

Interaction of biological and social factors in normal sexual development, and behavior patterns; etiologies of dysfunctions, paraphilias and gender-identity; assessment and intervention procedures.

Prerequisite: 2.5 GPA and 15 credits in PSY including PSY 110, PSY 290, and PSY 291 or 292 and 6 additional credits of PSY 200 level classes.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

PSY 371. Stress Management. 3 Credit Hours.

Physiology and psychology of stress, with emphasis on mind-body (stress-health) connection. Integrates scientific knowledge with practice techniques such as muscle relaxation, cognitive restructuring, meditation, anger management, yoga, exercise, assertiveness training, and social support.

Prerequisite: 2.5 GPA and 15 credits in PSY including PSY 110, PSY 290, and PSY 291 or 292 and 6 additional credits of PSY 200 level classes.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

PSY 372. Applied Behavioral Analysis. 3 Credit Hours.

The concepts, methods, and procedures used in behavior analytic research and clinical work. In this course, students will become familiar with the scientific foundations of behavioral science and the basic concepts and principles of behavior analysis. The course will emphasize terminology and definitions of behavioral concepts, as well as introduce the application of those concepts to bring about behavior change.

Prerequisite: 2.5 GPA and 15 credits in PSY including PSY 110, PSY 290, and PSY 291 or 292 and 6 additional credits of PSY 200 level classes.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

PSY 375. Special Topics. 3 Credit Hours.

Content varies by semester.

Prerequisite: 2.5 GPA and 15 credits in PSY including PSY 110, PSY 290, and PSY 291 or 292 and 6 additional credits of PSY 200 level classes.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

PSY 380. Research Projects II. 1-3 Credit Hours.

Students assist on a research project in psychology under supervision of a faculty member. Activities include library research, data collection and management, and attendance at research team meetings. Students should contact the faculty member they are interested in working with to obtain permission to register.

Prerequisite: 2.5 GPA and 15 credits in PSY including PSY 110, PSY 290, and PSY 291 or 292 and 6 additional credits of either PSY 200 level classes or any NEU classes.

Components: IND.

Grading: GRD.

Typically Offered: Fall, Spring, & Summer.

PSY 390. Intermediate Research Methods and Biobehavioral Statistics. 3 Credit Hours.

A synthesis and extension of the introductory statistics and research methods courses. Students will review the material covered in those courses and apply that knowledge to the critical evaluation of research literature, the analysis of data using statistical software packages, and the writing of the sections of a scientific paper in American Psychological Association (APA) style.

Prerequisite: 2.5 GPA and 15 credits in PSY including PSY 110, PSY 290, and PSY 291 or 292 and 6 additional credits of either PSY 200 level classes or any NEU classes.

Components: LEC.

Grading: GRD.

Typically Offered: Fall & Spring.

PSY 391. Tests and Measurements. 3 Credit Hours.

Theory and principles of construction, use, evaluation, and interpretation of psychological tests and testing procedures.

Prerequisite: 2.5 GPA and 15 credits in PSY including PSY 110, PSY 290, and PSY 291 or 292 and 6 additional credits of either PSY 200 level classes or any NEU classes.

Components: LEC.

Grading: GRD.

Typically Offered: Spring Odd Years.

PSY 410. Social Interaction Processes. 3 Credit Hours.

An in-depth analysis of variables leading to, and processes involved in, human social interactions ranging from superficial encounters to intimate relationships.

Prerequisite: 2.5 GPA and 21 credits in PSY including PSY 110, PSY 290, and PSY 291 or 292, 9 additional credits of PSY 200 level classes and 3 additional credits in any 300 level class.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

PSY 411. Relationships and Health. 3 Credit Hours.

Interpersonal processes that play out in the course of chronic physical illnesses. An integrated foundation on theories and concepts of interpersonal relationships in psychology and a comprehensive introduction to how these theories and concepts can be applied to relationships among family members dealing with physical illnesses. Students will be introduced to diverse perspectives on interpersonal relationships and to a broad perspective on physical illnesses as "family" diseases, across the illness trajectory.

Prerequisite: 2.5 GPA and 21 credits in PSY including PSY 110, PSY 290, and PSY 291 or 292, 9 additional credits of PSY 200 level classes and 3 additional credits in any 300 level class.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

PSY 412. Social and Cultural Neuroscience. 3 Credit Hours.

Human neuroimaging research on social behavior (e.g., person perception, intergroup relations, and social learning), and the relationships between culture and the brain (e.g., cultural learning and neural mechanisms underlying cross-cultural differences). The course will also cover foundations of social and cultural neuroscience (e.g., shared and unique aspects of human culture and social behavior, and techniques for studying culture and social behavior using neuroscience methods).

Prerequisite: 2.5 GPA and 21 credits in PSY including PSY 110, PSY 290, and PSY 291 or 292, 9 additional credits of PSY 200 level classes and 3 additional credits in any 300 level class.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

PSY 413. Cultural Diversity in Psychology. 3 Credit Hours.

An evaluation of psychology from cultural perspectives and promote critical thinking about various topics within psychology. The first half of this course will cover topics such as research methods, enculturation, developmental processes, cognition, gender, sexuality, health, emotion, language, and communication from a cultural perspective. During the second half of the course we will discuss the role of culture in personality, abnormal psychology, treatment of abnormal behavior, social behavior and organizations.

Prerequisite: 2.5 GPA and 21 credits in PSY including PSY 110, PSY 290, and PSY 291 or 292, 9 additional credits of PSY 200 level classes and 3 additional credits in any 300 level class.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

PSY 425. Psychobiology. 3 Credit Hours.

Basic neuroanatomy, neurophysiology, and neurochemistry followed by an introduction to the physiological bases of sensation, motor systems, motivation, emotion, learning and memory.

Prerequisite: 2.5 GPA and 21 credits in PSY including PSY 110, PSY 290, and PSY 291 or 292, 9 additional credits of PSY 200 level classes and 3 additional credits in any 300 level class or NEU major.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

PSY 426. Health Psychology. 3 Credit Hours.

The psychosomatic and biopsychosocial models of illness.

Prerequisite: 2.5 GPA and 21 credits in PSY including PSY 110, PSY 290, and PSY 291 or 292, 9 additional credits of PSY 200 level classes and 3 additional credits in any 300 level class or NEU major.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

PSY 427. Psychoneuroimmunology. 3 Credit Hours.

The most current literature in psychoneuroimmunology (PNI) allowing students to connect psychological, neuroendocrine and immunological processes and mechanisms. Students will apply this information within the context of chronic disease prevention, progression and intervention.

Prerequisite: 2.5 GPA and 21 credits in PSY including PSY 110, PSY 290, and PSY 291 or 292, 9 additional credits of PSY 200 level classes and 3 additional credits in any 300 level class or NEU major.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

PSY 428. Psychology and Cancer: Biobehavioral and Psychosocial Processes. 3 Credit Hours.

An introduction to the biobehavioral and psychosocial processes involved in the etiology, prevention, detection, treatment, and adaptation to cancer.

Prerequisite: 2.5 GPA and 21 credits in PSY including PSY 110, PSY 290, and PSY 291 or 292, 9 additional credits of PSY 200 level classes and 3 additional credits in any 300 level class or NEU major.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

PSY 430. Psychology of Infancy. 3 Credit Hours.

Perceptual, motor, cognitive and social development during the first two years of life. Specialized research methods and assessment procedures.

Pre-Requisite: 2.5 GPA and 21 credits in PSY including PSY 110, PSY 230, PSY 290, and PSY 291 or 292, 6 additional credits of PSY 200 level classes and 3 additional credits in any 300 level class.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

PSY 431. Psychology of Social and Emotional Development. 3 Credit Hours.

Social and emotional growth; topics include family and peer relationships, sex roles, self-control, and moral development.

Pre-Requisite: 2.5 GPA and 21 credits in PSY including PSY 110, PSY 230, PSY 290, and PSY 291 or 292, 6 additional credits of PSY 200 level classes and 3 additional credits in any 300 level class.

Components: LEC.

Grading: GRD.

Typically Offered: Fall.

PSY 432. Prenatal Development. 3 Credit Hours.

A detailed understanding of prenatal development including conception, embryonic and fetal development, and birth. The effects and interplay of genetic and environmental factors on the health and well-being of the developing baby will be discussed throughout the course. The important role of preconception and prenatal care will also be discussed.

Pre-Requisite: 2.5 GPA and 21 credits in PSY including PSY 110, PSY 230, PSY 290, and PSY 291 or 292, 6 additional credits of PSY 200 level classes and 3 additional credits in any 300 level class.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

PSY 445. Cultural, Values, Religiosity, and Mental Illness. 3 Credit Hours.

Cultural differences in the manifestations, course, and outcome of severe mental illness (those in which psychosis is likely to occur). This seminar also explores the growing body of research on the relationship between chronic mental disorders and the following socio-cultural factors: ethnicity, religious values, family cohesion, attributions of control, and world-view. Finally, we will explore cultural differences in societies' reactions to, and treatment of mentally ill patients.

Prerequisite: 2.5 GPA and 21 credits in PSY including PSY 110, PSY 290, and PSY 291 or 292, 9 additional credits of PSY 200 level classes and 3 additional credits in any 300 level class.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

PSY 446. Issues in Clinical Psychology. 3 Credit Hours.

The scientific and theoretical bases of psychotherapy. The course has three distinct components: (1) An introduction to the concept of psychotherapy, including its historical context and the research evidence supporting its efficacy and effectiveness; (2) An interactive overview of major theories underpinning the practice of psychotherapy; and (3) A brief review of evidence-based treatment models for varying forms of psychopathology and clinical conditions.

Prerequisite: 2.5 GPA and 21 credits in PSY including PSY 110, PSY 290, and PSY 291 or 292, 9 additional credits of PSY 200 level classes and 3 additional credits in any 300 level class.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

PSY 447. Advanced Child Development and Observation. 3 Credit Hours.

The theoretical and empirical examining of child development, birth to five, including detailed understanding of children's development across social-emotional, cognitive, and motor domains. Students will think critically about child development within the context of families, culture, schools and communities. Students will learn methods for observing and recording children's development. Students will apply this knowledge to a hands-on service learning experience that provides an opportunity for civic action and reflection.

Pre-Requisite: 2.5 GPA and 21 credits in PSY including PSY 110, PSY 230, PSY 290, and PSY 291 or 292, 6 additional credits of PSY 200 level classes and 3 additional credits in any 300 level class.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

PSY 448. Adolescence. 3 Credit Hours.

Examines adolescence from multiple perspectives. Topics to be discussed include how adolescents develop biologically, psychologically, and socially; the multiple contexts that influence this developmental stage including the influence of family, peers, and society; and the foundational work and current issues in adolescent development research. This course will provide an opportunity to develop critical analysis of research, including critiquing theory, method/design, and interpretation of findings.

Pre-Requisite: 2.5 GPA and 21 credits in PSY including PSY 110, PSY 230, PSY 290, and PSY 291 or 292, 6 additional credits of PSY 200 level classes and 3 additional credits in any 300 level class.

Components: DIS.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

PSY 456. Genetic and Developmental Disorders. 3 Credit Hours.

The diagnostic, etiological, and intervention issues in genetic and developmental disorders with a particular emphasis on the current state-of-the-science with regard to empirically supported concepts. The course will present information that will allow students a greater understanding of specific disorders and strategies for understanding developmental problems. Current research will be placed within a contemporary context that seeks to integrate educational, psychological and biomedical disciplines.

Prerequisite: 2.5 GPA and 21 credits in PSY including PSY 110, PSY 290, and PSY 291 or 292, 9 additional credits of PSY 200 level classes and 3 additional credits in any 300 level class.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

PSY 462. Mindfulness, Attention, and the Brain. 3 Credit Hours.

Discusses the cognitive neuroscience of attention and the neural bases of mindfulness. Introduces students to mindfulness-based meditation techniques. Students propose a novel research idea and submit a grant proposal describing this idea.

Prerequisite: 2.5 GPA and 21 credits in PSY including PSY 110, PSY 290, and PSY 291 or 292, 9 additional credits of PSY 200 level classes and 3 additional credits in any 300 level class.

Components: SEM.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

PSY 471. Positive Psychology. 3 Credit Hours.

Presents an introduction to the core assumptions and research findings in the field of positive psychology; explores interventions and applications informed by this field as applied to personal well-being, social relationships, and psychotherapy.

Prerequisite: 2.5 GPA and 21 credits in PSY including PSY 110, PSY 290, and PSY 291 or 292, 9 additional credits of PSY 200 level classes and 3 additional credits in any 300 level class.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

PSY 474. Special Topics. 3 Credit Hours.

Content varies by semester. Not all special topics sections offer a writing component.

Prerequisite: 2.5 GPA and 21 credits in PSY including PSY 110, PSY 290, and PSY 291 or 292, 9 additional credits of PSY 200 level classes and 3 additional credits in any 300 level class.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

PSY 480. Research Projects III. 1-3 Credit Hours.

Students assist on a research project in psychology under supervision of a faculty member. Activities include library research, data collection and management, and attendance at research team meetings. Students are also expected to complete a writing component that fulfills the University's criteria to receive writing credit. Students should contact the Psychology Faculty member they are interested in working with to obtain permission to register.

Prerequisite: Instructor Permission and 2.5 GPA and 21 credits in PSY including PSY 110, PSY 290, and PSY 291 or 292, 9 additional credits of PSY 200 level classes and 3 additional credits in any 300 level class.

Components: IND.

Grading: GRD.

Typically Offered: Fall, Spring, & Summer.

PSY 490. Advanced Research Methods. 3 Credit Hours.

A capstone course for Senior PSY BS majors, students will develop, conduct and write up two research projects: (i) a project that uses descriptive methods and associated statistical techniques and (ii) a project that uses experimental methods and associated statistical techniques. These projects will integrate the concepts and skills learned in the Introductory and Intermediate Methods courses as well as the Introductory and Intermediate Statistics courses. Students will collect and analyze their data and write up a publishable research report. Students typically present the results of their work in poster format at the end of the semester.

Prerequisite: 2.5 GPA and 21 credits in PSY including PSY 110, PSY 290, and PSY 291 or 292, 9 additional credits of PSY 200 level classes and 3 additional credits in any 300 level class; Instructor Permission required.

Components: LEC.

Grading: GRD.

Typically Offered: Fall & Spring.

PSY 491. Advanced Biobehavioral Statistics. 3 Credit Hours.

This course builds upon the material covered in PSY 390. After a brief review, analysis of variance and multiple regression will be covered using a general linear model (GLM) approach. The goal is to prepare students for graduate level work in applied statistics.

Prerequisite: 2.5 GPA and 21 credits in PSY including PSY 110, PSY 290, and PSY 291 or 292, 9 additional credits of PSY 200 level classes and 3 additional credits in any 300 level class or NEU major.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

PSY 520. Psychoneuroimmunology. 3 Credit Hours.

This course is designed to present some of the basic information necessary to interpret the current literature in psychoneuroimmunology (PNI) and to design research in this area.

Requisite: 2.8 PSY GPA; 18 credits in PSY, including PSY 390.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

PSY 540. Culture, Values, Religiosity, and Mental Illness. 3 Credit Hours.

Cultural differences in the manifestation, course, and outcome of serious mental disorders; the relationship between chronic mental disorders and ethnicity, religious values, family cohesion, attributions of control, and world view; cultural differences in societies' reactions to and treatment of mentally ill patients.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

PSY 575. Special Topics. 1-3 Credit Hours.

Content varies by semester.

Prerequisite: 2.5 GPA and 21 credits in PSY including PSY 110, PSY 290, and PSY 291 or 292, 9 additional credits of PSY 200 level classes and 3 additional credits in any 300 level class; Instructor Permission required.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

PSY 580. Senior Honors in Psychology I. 3 Credit Hours.

Students work closely with a faculty member to design a unique research study and write a scientific paper to report on the results. Limited to undergraduate students only. Students interested in completing an honors thesis should already be a member of a research lab. Students should discuss with a Psychology Faculty member of their choice their interest in completing an Honors Thesis. Two semesters are required for completion.

Prerequisite: 2.5 GPA and 21 credits in PSY including PSY 110, PSY 290, and PSY 291 or 292, 9 additional credits of PSY 200 level classes and 3 additional credits in any 300 level class; Instructor Permission required.

Components: IND.

Grading: GRD.

Typically Offered: Fall, Spring, & Summer.

PSY 581. Senior Honors in Psychology II. 3 Credit Hours.

Students work closely with a faculty member to design a unique research study and write a scientific paper to report on the results. Limited to undergraduate students only. Students interested in completing an honors thesis should already be a member of a research lab. Students should discuss with a Psychology Faculty member of their choice their interest in completing an Honors Thesis. Two semesters are required for completion.

Prerequisite: 2.5 GPA and 21 credits in PSY including PSY 110, PSY 290, and PSY 291 or 292, 9 additional credits of PSY 200 level classes and 3 additional credits in any 300 level class; Instructor Permission required.

Components: IND.

Grading: GRD.

Typically Offered: Fall, Spring, & Summer.