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 coursework 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.

Additional Information
The office of Undergraduate Academic Services for Psychology (UASP) provides comprehensive advising services to all students on a walk-in basis from 9:00 a.m. to 4:30 p.m., Monday through Friday, in Flipse 508. Appointments are only necessary during the official advising period for registration.

Freshmen and Transfer Students
All freshmen psychology majors in the College of Arts and Sciences are required to participate in the Department of Psychology’s year-long orientation, advising, and mentoring program, FACT FORUM (Freshmen Advising Contact Term and Faculty Overview of Research and Undergraduate Mentoring). These courses are one credit hour general electives designed to enable students to take ownership of their education by familiarizing them with the academic rules and regulations of the University of Miami, helping them think critically about their curriculum, providing them with in-depth exposure to research, and preparing them to enter the professional world.

New transfer students are highly encouraged to participate in a similar one semester program called TUMS (Transfer to the University of Miami). This course is specifically designed to ease the transition for new transfer students to the University of Miami.

Prerequisites
Students who declare a psychology major after matriculation may be required to take part in an advising seminar prior to declaring the psychology major.

Advanced Writing and Communication Requirement
To satisfy the College of Arts and Sciences Advanced Writing and Communication requirement, psychology majors must take 4 writing-designated courses, including 1 writing-designated course in the PSY area. Writing courses are already built into the required courses of the B.S. track of the psychology major; however, students who follow the B.A. track of the psychology major will need to plan accordingly to incorporate a writing-designated PSY course into their graduation plans.

Research Experience for Course Credit
Research experience is considered an integral part of the psychology major. Students may earn course credit (i.e., PSY 280, PSY 380, and/or PSY 480) by working in the laboratory of a Department of Psychology faculty mentor. Students can repeat PSY 280, PSY 380, and PSY 480 without penalty. A minimum 2.8 combined and psychology GPA is required to earn research credit. Written permission from a faculty mentor and UASP is also required. Note: Students may volunteer in a research laboratory by completing the appropriate volunteer paperwork with UASP if they are unable to register for research credit.

Research Participation in PSY 110
As an introduction to behavioral science, all students enrolled in PSY 110 may be required to participate as subjects in research studies conducted by faculty and/or graduate students, or by reading selected research reports and writing article critiques. Refer to the course syllabus for more details. Note: This introductory research participation requirement is not sufficient for students interested in attending graduate school in psychology.

Senior Assessment
As part of the Department of Psychology’s accreditation plan, all senior psychology majors will be required to take part in a senior assessment that may last up to four hours. Assessment scores will not affect the students’ graduation status; however, failure to complete the assessment may delay or prevent graduation.

Transfer Courses
Courses from other colleges or universities may be assigned PSY credit at UM with written approval by UASP.
Cognates
Neuroscience majors may not use a cognate with a Responsible Academic Unit (RAU) of Psychology to fulfill their People and Society (P & S) area of knowledge.

PSY 106. Freshman Advising Contact Term (Fact). 1 Credit Hour.
Educates students about the structure and function of a research university, introduces them to the academic rules and regulations of the University of Miami and the Department of Psychology, enables them to think critically about their own graduation plan, and prepares them to enter the professional world.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

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.
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.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

PSY 206. Transfer To The University Of Miami(Tums). 1 Credit Hour.
Educates students about the structure and function of a research university, introduces them to the academic rules and regulations of the University of Miami and the Department of Psychology, enables them to think critically about their own graduation plan, integrates them into the social atmosphere of the University, and prepares them to enter the professional world.
Requisite: Permission of a UASP advisor, C- or higher in PSY 110.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & 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 (compare SOC 302).
Prerequisite: C- or higher in PSY 110.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

PSY 220. 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.

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 240. Abnormal Psychology. 3 Credit Hours.
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.

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 270. Industrial And Organizational Psychology. 3 Credit Hours.
Applications of psychology in business, industry, and to organizational effectiveness in general. Supervisory, leadership, morale, personnel selection, training, human factors engineering, and consumer psychology.
Prerequisite: C- or higher in PSY 110.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

PSY 271. 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: C- or higher in PSY 110.
Components: LEC.
Grading: GRD.
Typically Offered: Fall, Spring, & Summer.
PSY 275. Special Topics. 1-3 Credit Hours.
Prerequisite: C- or higher in PSY 110.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

PSY 280. Introduction To 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.
Prerequisite: C- or higher in PSY 110. Requisite: Permission of a UASP advisor.
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: C- or higher in PSY 110, MTH 101 or mathematics placement above MTH 101. Corequisite: PSY 291. Requisite: PSY or NEU major.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

PSY 291. Introduction To Biobehavioral Statistics. 3 Credit Hours.
The basics of descriptive and inferential statistics. 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.
Prerequisite: C- or Higher in PSY 110, MTH 101 or mathematics placement above MTH 101. Corequisite: PSY 290. Requisite: PSY or NEU Major.
Components: LEC.
Grading: GRD.
Typically Offered: Fall, Spring, & Summer.

PSY 292. Introduction To Biobehavioral Statistics For Non-Majors. 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.
Prerequisite: C- or higher in PSY 110 and MTH 101 or math placement above MTH 101.
Components: LEC.
Grading: GRD.
Typically Offered: Fall, Spring, & Summer.

PSY 305. 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.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

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.
Requisite: Permission of a UASP advisor, 2.5 PSY GPA and 12 credits in PSY courses including PSY 291 or PSY 292.
Components: LEC.
Grading: GRD.

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.
Requisite: 2.5 PSY GPA and 12 credits in PSY courses including PSY 291 or PSY 292 or 2.5 PSY GPA, 9 credits in PSY courses including PSY 291 or PSY 292, and 3 credits in MKT, CAD, COM, COS, CNJ, CPR, or CVJ courses.
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.
Requisite: 2.5 PSY GPA, 12 credits in PSY courses including PSY 291 or PSY 292 or 2.5 PSY GPA, 9 credits in PSY courses including PSY 291 or PSY 292, and 3 credits in BIL courses.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

PSY 312. Psychology Of Gender. 3 Credit Hours.
Psychological theories and research related to understanding issues of gender across the lifespan.
Requisite: 2.5 GPA, 12 Credits in PSY including PSY 291 or PSY 292.
Components: LEC.
Grading: GRD.
Typically Offered: Fall, Spring, & Summer.

PSY 313. Romantic Relations. 3 Credit Hours.
An introduction to how social scientists think about, study, and intervene with romantic relationships.
Requisite: 2.5 GPA, 12 Credits in PSY including PSY 291 or PSY 292.
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.
Requisite: 2.5 PSY GPA, 12 credits in PSY courses including PSY 220 and PSY 291 or PSY 292 or 2.5 PSY GPA, 9 credits in PSY courses including PSY 291 or PSY 292, and 3 credits in BIL 150 or higher or CHM 111 or higher.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.
PSY 320. 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.
Requisite: 2.5 GPA and 12 Credits in PSY courses including PSY 230,
PSY 291 or PSY 292.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

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.
Requisite: 2.5 GPA and 12 Credits in PSY courses including PSY 230,
PSY 291 or PSY 292.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

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.
Requisite: 2.5 GPA and 12 Credits in PSY courses including PSY 230,
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Components: LEC.
Grading: GRD.
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Requisite: 2.5 GPA and 12 Credits in PSY courses including PSY 230,
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discrimination abilities, babbling and speech production.
Requisite: 2.5 GPA and 12 Credits in PSY courses including PSY 230,
PSY 291 or PSY 292.
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.
Requisite: 2.5 PSY GPA and 15 credits in PSY courses including PSY 291 or PSY 292 and PSY 390.
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.
Requisite: 2.5 PSY GPA, 15 PSY credits including PSY 220, PSY 290, PSY 291 or PSY 292 or 2.5 PSY GPA, 12 Credits in PSY including PSY 290, and PSY 291 or PSY 292, BIL 150.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

PSY 426. Health Psychology. 3 Credit Hours.
The psychosomatic and biopsychosocial models of illness.
Requisite: 2.5 PSY GPA, 15 credits in PSY courses including PSY 220, PSY 290, and PSY 291 or PSY 292.
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.
Requisite: 2.5 PSY GPA; 15 PSY credits, including PSY 230, PSY 291 or PSY 292, PSY 390.
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.
Requisite: 2.5 PSY GPA; 15 PSY credits, including PSY 230, PSY 291 or PSY 292, PSY 390.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

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.
Requisite: 2.5 PSY GPA; 15 PSY Credits including PSY 230, PSY 290, PSY 291 or PSY 292.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

PSY 433. Evolution And Sex. 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.
Requisite: 2.5 PSY GPA, 15 credits in PSY courses including PSY 290 and PSY 291 or PSY 292.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

PSY 474. Special Topics. 1-3 Credit Hours.
Requisite: 2.5 PSY GPA, 15 credits in PSY courses including PSY 290 and PSY 291 or PSY 292.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

PSY 480. Research With Writing Credit. 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.
Requisite: Permission of a UASP advisor, 2.5 PSY GPA and 15 credits in PSY courses including PSY 291 or PSY 292, PSY 390.
Components: IND.
Grading: GRD.
Typically Offered: Fall, Spring, & Summer.

PSY 490. Advanced Research Methods. 3 Credit Hours.
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 be asked to select a research topic and first develop a survey to examine the relationship between two predictor variables and an outcome variable. They will collect and analyze their data using correlational techniques (e.g., regression analyses) and will write up a methods and results section. Next, students will turn their descriptive study into an experiment. They will collect and analyze their data and write up a publishable research report that includes the findings from both the descriptive and experimental studies. The project will serve as a capstone, requiring them to find and critically evaluate relevant literature on their topic of choice, design a study taking into account time demands, sample characteristics and their effect on the hypotheses they are able to test, decide on instrument selection, consider potential extraneous and confounding variables (and how they will handle them if at all), select appropriate analyses for their data and hypotheses, and then present the results of their work in both poster and research report format.
Requisite: 2.5 PSY GPA, 15 PSY credits including PSY 291 or PSY 292, and PSY 390, Senior Status, BS in Psychology major.
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.
Requisite: 2.5 PSY GPA and 15 credits in PSY courses, including PSY 291 or PSY 292, PSY 390.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

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.

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.

PSY 575. Special Topics. 1-3 Credit Hours.
Requisite: 2.8 PSY GPA, 18 PSY credits including PSY 390.
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.
Requisite: Permission of UASP and faculty required, 3.5 Major GPA, 3.3 Combined GPA, PSY or NEU major, 18 PSY credits, including PSY 390.
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.
Requisite: Permission of UASP and faculty required, 18 PSY credits including PSY 580.
Components: IND.
Grading: GRD.
Typically Offered: Fall, Spring, & Summer.