PSYCHOLOGY (PSY)

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.
Typically Offered: Fall & Spring.

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, & Summer.

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, 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.
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.

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 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 330. Psychology Of Language Development. 3 Credit Hours.
Developmental sequences in the acquisition of language; the scientific endeavor to understand language learning.
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 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, psychological aspects of death and dying.
Requisite: 2.5 GPA and 12 Credits in PSY courses including PSY 230, PSY 291 or PSY 292.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

PSY 345. Abnormal Child Psychology. 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.
Requisite: 2.5 GPA and 12 Credits in PSY courses including PSY 230, PSY 291 or PSY 292.
Components: LEC.
Grading: GRD.
Typically Offered: Fall, Spring, & Summer.

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.
Requisite: 2.5 GPA and 12 Credits in PSY courses including PSY 230, PSY 291 or PSY 292.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

PSY 356. Psychology Of Intellectual And Developmental Disabilities. 3 Credit Hours.
The etiological, social, and psychological aspects of intellectual and developmental disabilities.
Requisite: 2.5 PSY GPA and 12 credits in PSY courses including PSY 230 and PSY 291 or PSY 292 or 2.5 PSY GPA, 9 credits in PSY courses including PSY 230 and PSY 291 or PSY 292, and 3 credits in BIL or TAL courses.
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.
Requisite: 2.5 GPA, 12 Credits in PSY including PSY 291 or PSY 292.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

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 disorders; assessment and intervention procedures.
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 BIL 150 or higher, CHM 103 or higher or HCS 212.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

PSY 375. Special Topics. 1-3 Credit Hours.
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 380. Introduction To 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.
Requisite: Permission of a UASP advisor, 2.5 PSY GPA, and 12 credits in PSY courses including PSY 291 or PSY 292.
Components: IND.
Grading: GRD.
Typically Offered: Fall, Spring, & Summer.

PSY 390. Intermediate Research Methods And Biobehavioral Statistics. 3 Credit Hours.
Students will conduct two (or more) pre-planned experiments. For each experiment, students will analyze the data and write up the components of a research report. In addition, students will receive detailed feedback on the assignments they submit, as an aid to improving their writing skills, reinforcing and reviewing their knowledge of research design and methodology, and expanding their understanding of statistical analyses as well as their interpretation and presentation.
Requisite: 2.5 GPA and 12 Credits in PSY including PSY 290 and PSY 291 or PSY 292 or 9 credits in PSY including PSY 290, and PSY 291 or PSY 292, BIL 268 or NEU 280, NEU 380 or NEU 480.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

PSY 391. Tests And Measurements. 3 Credit Hours.
Theory and principles of construction, use, evaluation, and interpretation of psychological tests and testing procedures.
Requisite: 2.5 GPA, 12 Credits in PSY including PSY 291 or PSY 292.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

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.
Requisite: 2.5 PSY GPA and 15 credits in PSY courses including PSY 210, PSY 291 or PSY 292 and PSY 390.
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 426. 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 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 435. 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 460. Psychology Of Religion. 3 Credit Hours.
Contemporary psychological theory and research on religious belief, experience, and behavior. Topics include the biological bases of religion, religious development, and the links of religion to health and well-being.
Requisite: 2.5 PSY GPA; 15 PSY credits, including PSY 291 or PSY 292, PSY 390, REL 101.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

PSY 461. Motivation. 3 Credit Hours.
Experimental evidence relating to theories of motivation.
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 470. History And Systems Of Psychology. 3 Credit Hours.
Development of psychology as a science.
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: 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 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.

PSY 601. Issues in Professional Development and Research. 1 Credit Hour.
Seminar addressing issues such as structure of academic systems and progress through them, time management, library search systems, professional journals, how to structure curriculum vitae, procedures and rules in human subject research, professional meetings and presentations, extramural funding opportunities, professional writing style, ethical issues.
Requisite: Plan of Graduate Psychology.
Components: LEC.
Grading: GRD.
Typically Offered: Fall, Spring, & Summer.

PSY 602. Scientific writing and grantsmanship. 3 Credit Hours.
Writing and organizational skills for professional development in social and behavioral sciences. Mechanism of extramural funding and grant review, including grantsmanship.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.
PSY 603. Neuroanatomy. 3 Credit Hours.
Functional neuroanatomy for individuals engaged in basic neuroscience and psychological research. Gross anatomy, identification of pathways and circuits, and physiological functions of neuroanatomical systems. Clinical examples and case histories of neuroanatomical disorders. Laboratory exercises including brain dissections, examination of brain models and atlases, and internet neuroanatomy websites.

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

PSY 604. Cognition and Emotion. 3 Credit Hours.
Study of basic cognitive processes of attention and memory, the function of emotions, and the role of cognitive mechanisms in the processing of affective information.

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

PSY 605. Cognitive Neuroscience. 3 Credit Hours.
Brain mechanisms in cognition and behavior, including sensory encoding and perception, attention, motivation, emotion, learning/memory, language, executive functions, and mental disorders.

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

PSY 606. Biobehavioral Processes and Disease in Health Psychology. 3 Credit Hours.
Central nervous system, cardiovascular, endocrine, immune, and other biological processes examined in the context of behavioral medicine and health psychology research. Discussion of basic mechanisms in physiological regulation and dysregulation of the cardiovascular and immune systems, with specific reference to cardiovascular behavioral medicine and psychoneuroimmunology.

Prerequisite: PSY 610.

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

PSY 609. Psychopharmacology. 3 Credit Hours.
Basic methods and current issues in psychopharmacology.

Prerequisite: PSY 605.

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

PSY 610. Behavioral Medicine: Overview of Basic Science, Public Health & Clinical Trial Approaches. 3 Credit Hours.
Overview of biobehavioral, psychosocial and sociocultural factors in pathogenesis, prevention and treatment of physical disorders.

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

PSY 613. Psychoneuroimmunology. 3 Credit Hours.
Structural and functional aspects of the immune system that are sensitive to neural and psychological processes. Interactions between the nervous and immune systems are examined in relation to empirical associations between psychological factors (i.e., stress) and immune-mediated processes in diseases such as cancer and AIDS. Prerequisite: PSY 605.

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

PSY 614. Diversity issues in psychology. 3 Credit Hours.
Overview of diversity issues including race, religion, gender, age, sexual orientation, physical disability and socioeconomic status as they relate to psychological research and clinical practice.

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

PSY 615. Foundations of neuropsychology. 3 Credit Hours.
Mechanisms of neurological and psychiatric disorders, including developmental disorders, dementia, aphasia, amnesia, stroke, traumatic brain injury, and loss of general intelligence. Clinical tools for neuropsychological assessment, forensics, and genetic screening.

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

PSY 616. Biobehavioral Processes and Clinical Research Applications in Health Psychology. 3 Credit Hours.
Conduct of clinical research and examination of biobehavioral processes in health psychology. Lectures, readings and assignments deal with clinical research involving pathology, assessment and intervention-based functions with applications focused on health and disease conceptualized at multiple levels of prevention. Prerequisite: PSY 606 and PSY 610.

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

PSY 620. Developmental Psychology. 3 Credit Hours.
Emphasis on applied research and interventions.

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

PSY 621. Theories of Development. 3 Credit Hours.
Theoretical aspects of psychological development throughout the life span.

Prerequisite: PSY 620.

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

PSY 622. Cognitive Development. 3 Credit Hours.
Theories of cognitive development across infancy, childhood, and adolescence. Topics include measurement approaches, normative development, individual differences, etiological factors and contextual influences.

Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.
PSY 623. Language Development. 3 Credit Hours.
Theories of receptive and expressive language development across childhood. Topics include measurement approaches, normative development, individual differences, etiological factors and contextual influences.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

PSY 624. Social Development. 3 Credit Hours.
The theoretical and empirical literature on typical and atypical social development—including emotional development and social cognition—in infants, children, and adolescents. Topics include measurement approaches, individual differences and contextual influences.
Prerequisite: PSY 620.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

PSY 625. Social Psychology. 3 Credit Hours.
Overview of the major substantive areas and theories of social psychology. Emphasis on applications to health-related concerns.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

PSY 631. Psychological Statistics, Research Methods, and Design. 3 Credit Hours.
Statistics for experimental design with uncorrelated independent variables. Review of t-tests; designs and applications of analysis of variance; including one-way, factorial, repeated-measures, and mixed designs; post hoc comparisons among means.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

PSY 632. Multiple Regression and Multivariate Statistics. 3 Credit Hours.
Techniques for the analysis of multiple quantitative measurements including multiple regression, multivariate analysis of variance, discriminant analysis and canonical correlation. Computer application of these techniques to the behavioral sciences.
Prerequisite: PSY 630 or EPS 568, and EPS 653.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

PSY 633. Structural Equation Modeling. 3 Credit Hours.
Structural equation modeling. Specific and testing explicit theory based models of covariances among variables. Structural models, path analysis, measurement models, and confirmatory factor analysis, particularly related to hypotheses about causal relations, change over time, and comparisons across diverse populations.
Prerequisite: PSY 632.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

PSY 634. Hierarchical Linear Evaluation. 3 Credit Hours.
Hierarchical linear modeling. Multi-level modeling of nested and non-independent data. Application of multi-level modeling to social science and behavioral data, including computer laboratory exercises.
Prerequisite: PSY 632.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

PSY 636. Research Methods With Children And Adolescents. 3 Credit Hours.
Concepts and research design approaches for the measurement and analysis of data across developmental stages from infancy through adolescence.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

PSY 638. Psychology of Infant Development. 3 Credit Hours.
Theory, research, and methodology pertaining to psychological development in the first two years of life. Applied research on infancy as it pertains to individual differences in cognitive, social, and emotional development.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

PSY 639. Autism And Developmental Disabilities. 3 Credit Hours.
Developmental disabilities with an emphasis on autism. Biological, social, cognitive and emotional concomitants. History, etiology, assessment, and individual differences.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

PSY 640. Adult Psychopathology. 3 Credit Hours.
Theories, models, history, and research relevant to various patterns of problematic behavior, with a focus on adults. The influences of family systems as well as cultural and other diversity factors (e.g., ethnicity, sexual orientation) are included.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

PSY 641. Child and Adolescent Psychopathology. 3 Credit Hours.
Theories, models, and research relevant to the development and the course of behavioral disorders and other problems (e.g., maltreatment, exposure to violence and poverty) that emerge in childhood and adolescence. The influences of family and peer systems as well as cultural and other diversity factors (e.g., ethnicity, sexual orientation) are included.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.
PSY 642. Advanced Adult Psychopathology. 3 Credit Hours.
Theory and research on risk factors and etiological models of mental disorders. Socioenvironmental (cultural, social support, life events), psychological (temperament, cognitive biases), and biological (genes, neurotransmitters) models of risk, research methodology, and design are discussed.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

PSY 643. Behavioral Medicine and Developmental Disabilities. 3 Credit Hours.
Processes influencing diagnosis and management of developmental disabilities: genetics, embryology/fetology, physical growth and development, nutrition, hearing and speech pathology, family dynamics, cognition and psycho-educational assessment.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

PSY 645. Introduction to Psychological Evaluation. 3 Credit Hours.
Measurement theory; introduction to the administration and interpretation of widely-used intelligence and personality tests, with attention to issues of ethics and diversity.
Requisite: Plan of Graduate Psychology.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

PSY 646. Psychological Evaluation of Adults. 3 Credit Hours.
Issues of diversity, ethics, and personality theory as they pertain to psychological evaluation of adults. Emphasizes on the use of projective and objective personality assessment methods.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

PSY 647. Psychological Evaluation of Children and Families. 3 Credit Hours.
Clinical and developmental theory and methods pertaining to the evaluation of children, adolescents, and families including intelligence tests, structured diagnostic instruments, personality and behavioral check-lists, observational formats, interviewing, and projective assessment. Attention to issues of ethics and diversity.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

PSY 648. Psychological Evaluation in Physical Disorders. 3 Credit Hours.
Administration, interpretation, and psychometric evaluation of psychological tools and procedures used in the evaluation of physical disorders. Attention to issues of ethics and diversity.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

PSY 650. Laboratory in Clinical Psychology. 0 Credit Hours.
Practical training in clinical skills such as assessment, interviewing, and case conceptualization. Laboratory to be used in conjunction with courses such as PSY 640 and PSY 645
Components: LAB.
Grading: GRD.
Typically Offered: Fall & Spring.

PSY 655. Introduction to Evidence-Based Psychological Treatments. 3 Credit Hours.
Theories, history, and techniques of psychological and behavioral therapies, with emphasis on evidence-based approaches.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

PSY 657. Introduction to Psychotherapy, Ethics, and Professional Issues. 3 Credit Hours.
Introductory experience in clinical interviewing, therapeutic communication, ethics, and case conceptualization. Consideration of client-and-therapist culture, gender, and diversity are also emphasized.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

PSY 660. Evidence-Based Psychological Intervention with Children and Families. 3 Credit Hours.
Theories, history, and techniques of psychological and behavioral therapies, with emphasis on evidence-based approaches with children, adolescents, and families. Understanding normative and deviant development, with attention to issues of diversity, ethics, and domestic violence.
Prerequisite: PSY 656.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

PSY 661. Interventions in Pediatric Psychology. 3 Credit Hours.
Pediatric psychology and basic learning theory. Medical and behavioral aspects of child and adolescent health disorders, psychological assessment, and evidence-based treatment approaches.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

PSY 662. Health Psychology Interventions. 3 Credit Hours.
Clinical interventions and research relevant to health problems and lifestyle, with emphasis on critical evaluations of past research and the design and implementation of intervention protocols. The origins of health psychology and the role of the health psychologist in medical systems.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

PSY 670. Practicum in Clinical Psychology. 1-3 Credit Hours.
Supervised experience in evaluating and treating psychological problems of children, adolescents, families, and/or adults behavior. For students placed at the U.M. Psychological Services Clinic there is a weekly case conference that focuses on ethics case conceptualization. Course may be repeated for credit.
Components: PRA.
Grading: GRD.
Typically Offered: Fall, Spring, & Summer.

PSY 671. Practicum in Clinical Psychology II. 0 Credit Hours.
Continuation of PSY 670.
Corequisite: PSY 645.
Components: LAB.
Grading: GRD.
Typically Offered: Fall.
PSY 672. Advanced Practicum in Clinical Psychology. 1-3 Credit Hours.
Advanced experience in special clinical techniques and clinical supervision. Primarily for post-internship clinical students. The advisor may direct that PSY 672 be repeated, but no more than six credits may be applied toward a degree.
Components: PRA.
Grading: GRD.
Typically Offered: Fall & Spring.

PSY 680. Research. 1-4 Credit Hours.
Investigation of an original problem.
Components: THI.
Grading: GRD.
Typically Offered: Fall, Spring, & Summer.

PSY 681. Research. 1-4 Credit Hours.
Investigation of an original problem.
Components: IND.
Grading: GRD.
Typically Offered: Fall, Spring, & Summer.

PSY 683. Special Topics. 3 Credit Hours.
Topics in selected areas of specialization.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

PSY 684. Readings in Psychology. 3 Credit Hours.
Supervised readings in selected topics.
Components: THI.
Grading: GRD.
Typically Offered: Fall & Spring.

PSY 685. Seminar in Clinical Psychology. 3 Credit Hours.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

PSY 687. Seminar in Clinical Psychology. 3 Credit Hours.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

PSY 688. Seminar in Developmental Psychology. 3 Credit Hours.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

PSY 690. Seminar in Developmental Psychology. 3 Credit Hours.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

PSY 692. Seminar in Personality. 3 Credit Hours.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

PSY 693. Seminar in Behavioral Medicine. 3 Credit Hours.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

PSY 694. Seminar in Behavioral Medicine. 3 Credit Hours.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

PSY 697. Seminar in Biological Psychology. 3 Credit Hours.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

PSY 698. Seminar in Quantitative Psychology. 3 Credit Hours.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

PSY 804. Internship in Clinical Psychology. 1 Credit Hour.
Supervised internship in clinical psychology. May not be counted as part of the 90 hours required for the Ph.D. degree.
Components: THI.
Grading: GRD.
Typically Offered: Fall & Spring.

PSY 805. Postdoctoral Practicum. 1-3 Credit Hours.
Advanced clinical psychology training for individuals who have completed a clinical psychology Ph.D. or PsyD. from an APA-accredited doctoral program. Supervision of clinical activity by licensed faculty members.
Components: THI.
Grading: GRD.
Typically Offered: Fall & Spring.

PSY 806. Summer Research Practicum. 1 Credit Hour.
Faculty-supervised research during the summer for students in the Psychology Ph.D. Program.
Components: THI.
Grading: GRD.
Typically Offered: Summer.

PSY 807. Master's Thesis. 1-6 Credit Hours.
The student working on his/her master's thesis enrolls for credit, in most departments not to exceed six, as determined by his/her advisor. Credit is not awarded until the thesis has been accepted.
Components: THI.
Grading: SUS.
Typically Offered: Fall & Spring.

PSY 820. Research in Residence. 1 Credit Hour.
Research in residence for the thesis for the master's degree after the student has enrolled for the permissible cumulative total in PSY 810 (usually six credits). Credit not granted. May be regarded as full time residence.
Components: THI.
Grading: GRD.
Typically Offered: Fall & Spring.

PSY 825. Continuous Registration--Master's Study. 1 Credit Hour.
To establish residence for non-thesis master’s students who are preparing for major examinations. Credit not granted. Regarded as full time residence.
Components: THI.
Grading: GRD.
Typically Offered: Fall & Spring.
PSY 830. Doctoral Dissertation. 1-12 Credit Hours.
Required of all candidates for the Ph.D. The student will enroll for credit as determined by his/her advisor, but for not less than a total of 12 hours. Up to 12 hours may be taken in a regular semester, but not more than six in a summer session.
Components: THI.
Grading: SUS.
Typically Offered: Fall & Spring.

PSY 840. Post-Candidacy Doctoral Dissertation. 1-12 Credit Hours.
Required of all candidates for the Ph.D. who have advanced to candidacy. The student will enroll for credit as determined by his/her advisor, but not for less than a total of 12. Not more than 12 hours of PSY 740 may be taken in a regular semester, nor more than six in a summer session.
Components: THI.
Grading: SUS.
Typically Offered: Fall & Spring.

PSY 850. Research in Residence. 1 Credit Hour.
Used to establish research in residence for the Ph.D., after the student has been enrolled for the permissible cumulative total in appropriate doctoral research. Credit not granted. May be regarded as full-time residence as determined by the Dean of the Graduate School.
Components: THI.
Grading: SUS.
Typically Offered: Fall & Spring.