

PSYCHOLOGY (PSY)

PSY 1010 - General Psychology

3 Credits

Provides a basic and general knowledge of the theoretical, scientific, and conceptual foundations of psychology, including biological, cognitive, emotional, developmental, cultural and social aspects. Includes key concepts and principles, methods for collecting and evaluating evidence, and application of psychological knowledge. This course is a prerequisite for all upper division courses.

Attributes: N&D Social Science, Forensic Sci Psychology Elec, Social Science Req (A&S), UUC:Social & Behavioral Sci

PSY 1930 - Special Topics

1-4 Credits (Repeatable for credit)

PSY 2010 - Disciplines & Practices in Psychology

3 Credits

This course expands students' knowledge about careers in psychology and the professional practices of psychologists. Students explore professional roles, employment options, and the job market for psychologists in a variety of disciplines in the field. Students identify potential sites for future practicum experience and practice interviewing skills at one site with an individual in a psychology-related profession. Students learn about practices of psychologists related to ethics, how to read and summarize empirical psychology articles, and about APA writing conventions. Students learn about graduate study in psychology and the application process.

Prerequisite(s): PSY 1010

Restrictions:

Enrollment is limited to students with a major in Psychology or Psychology.

Attributes: Psychology BA Elective, Social Science Req (A&S)

PSY 2050 - Foundations of Research Methods and Statistics

0 or 4 Credits

Fosters understanding of psychology as a science. Integrates introduction to basic designs, hypothesis generation, ethics, and writing conventions with computation of descriptive statistics and conceptual overview of inferential techniques. Preparation for: reading empirical articles, applied and advanced courses, working on faculty research, senior inquiry research projects. Team exercises in lab.

Prerequisite(s): PSY 1010

Attributes: Applied Data Science in SS, Social Science Req (A&S), UUC:Quantitative Reasoning

PSY 2930 - Special Topics

1-4 Credits (Repeatable for credit)

Prerequisite(s): PSY 101

Attributes: Social Science Req (A&S)

PSY 3100 - Brain, Mind, & Society

3 Credits

The course examines core features of the human mind that render it wholly different from the mental faculties of even our closest genetic relatives. The biological origins of the brain, the shaping of the mind by culture, and the human capacity for morality and religiosity are among the topics addressed.

Prerequisite(s): PSY 1010

Attributes: BHS-Social Sciences, Psychology BA Elective, Forensic Sci Psychology Elec, Psychology BS Elective, PSY Cog Neuro Cluster, Social Science Req (A&S), UUC:Social & Behavioral Sci

PSY 3120 - Cognitive Psychology

3 Credits

Discussion of higher-order cognitive processes, including memory functioning, reasoning, thinking, problem-solving, language production and comprehension.

Prerequisite(s): PSY 1010

Attributes: Neuroscience - Psychology, Psychology BA Elective, Forensic Sci Psychology Elec, Psychology BS Elective, PSY Cog Neuro Cluster, Social Science Req (A&S), UUC:Social & Behavioral Sci

PSY 3130 - Physiological Psychology

3 Credits

Neural basis of behavior, including sensory and motor systems, ingestive behaviors, sleep, aggression, learning, and psychological disorders.

Prerequisite(s): PSY 1010

Restrictions:

Students cannot enroll who have a major in Neuroscience.

Attributes: Psychology BA Elective, Forensic Sci Psychology Elec, Psychology BS Elective, PSY Cog Neuro Cluster, Social Science Req (A&S)

PSY 3150X - Introduction to Neuroscience 2: Cognitive and Behavioral

3 Credits

This course introduces fundamentals of the neural bases of cognition and behavior. Areas of study include: methods of Cognitive Neuroscience, sensation and perception, movement, attention, learning and memory, and social and emotional behavior.

Restrictions:

Enrollment is limited to students with a major in Neuroscience.

PSY 3160 - Learning & Memory

3 Credits

Introduction to the scientific investigation of learning and memory. Topics include types of learning and memory and how they are studied, represented in the brain, and expressed in everyday life.

Prerequisite(s): PSY 1010

Attributes: Neuroscience - Psychology, Psychology BA Elective, Psychology BS Elective, PSY Cog Neuro Cluster, Social Science Req (A&S)

PSY 3210 - Developmental Psych: Child

3 Credits

Introduction to theory, research methods and empirical findings in the field of developmental psychology. Special emphasis given to normative psychological development from conception to puberty, including aspects of cognitive, language, social, emotional, and personality development.

Prerequisite(s): PSY 1010

Attributes: Neuroscience - Psychology, Psychology BA Elective, Forensic Sci Psychology Elec, Psychology BS Elective, PSY Develop Psych Cluster, Social Science Req (A&S), UUC:Social & Behavioral Sci

PSY 3230 - Developmental Psychology: Adolescence

3 Credits

Introduction to theory and research in the developmental psychology of adolescence. Emphasis given to the diversity of normative psychological development from puberty to adulthood, including aspects of physical, cognitive, social, emotional, and identity development.

Prerequisite(s): PSY 1010

Attributes: Neuroscience - Psychology, Psychology BA Elective, Forensic Sci Psychology Elec, Psychology BS Elective, PSY Develop Psych Cluster, Social Science Req (A&S)

PSY 3300 - Social Psychology

3 Credits

Introduction to the scientific study of social behavior focusing on how people relate to, think about, and influence each other. Topics include attitude formation and change, social cognition, conformity, group decision-making, aggression, altruism, prejudice, and interpersonal attraction and relationships.

Prerequisite(s): PSY 1010

Attributes: Global Local Justice-Elective, Neuroscience - Psychology, Psychology BA Elective, Forensic Sci Psychology Elec, Psychology BS Elective, PSY Soc Org Cluster, Social Science Req (A&S), UUC:Social & Behavioral Sci

PSY 3310 - Personality Theory

3 Credits

This course will introduce students to historical and contemporary theories, research methodologies, applications, and issues related to personality psychology.

Prerequisite(s): PSY 1010

Attributes: Neuroscience - Psychology, Psychology BA Elective, Psychology BS Elective, PSY Soc Org Cluster, Social Science Req (A&S)

PSY 3410 - Organizational Psychology

3 Credits

Interaction among person, environmental and organizational factors as they relate to such topics as personnel selection, motivation, job satisfaction, management, leadership, etc. in profit-making organizations.

Prerequisite(s): PSY 1010

Attributes: Psychology BA Elective, Psychology BS Elective, PSY Soc Org Cluster, Social Science Req (A&S)

PSY 3440 - Sports Psychology

3 Credits

This course is designed to provide you with knowledge and understanding of the broad theoretical, scientific, and conceptual foundations of the psychology of sport and exercise. This course will provide you with the key concepts, theories and principles of sport psychology and the application of psychological knowledge and principles to enhance sport and exercise behaviors.

Prerequisite(s): PSY 1010

Attributes: Nutrition, Health, Well Elective, Psychology BA Elective, Psychology BS Elective, PSY Health Applied Cluster, Social Science Req (A&S)

PSY 3450 - Counseling for the Helping Professions

3 Credits

Combines theory and practice to examine topics affecting helpers and those seeking assistance, including cultural, legal, and ethical issues confronting professional helpers. Emphasis on establishing rapport, attending, and other basic counseling skills. Some advanced skills and interventions are presented to facilitate effective helping.

Prerequisite(s): PSY 1010

Attributes: Psychology BA Elective, Forensic Sci Psychology Elec, Psychology BS Elective, PSY Health Applied Cluster, Social Science Req (A&S)

PSY 3460 - Abnormal Psychology

3 Credits

A survey of mental disorders, their signs, symptoms, underlying causes and treatment, with more emphasis on signs and symptoms.

Prerequisite(s): PSY 1010

Attributes: Neuroscience - Psychology, Psychology BA Elective, Psychology BS Elective, PSY Health Applied Cluster, Social Science Req (A&S), UUC:Social & Behavioral Sci

PSY 3470 - Occupational Health Psychology

3 Credits

Students will engage critically with topics related to occupational health psychology (OHP), OHP theories, and the application of OHP research in the real world.

Prerequisite(s): PSY 1010

Attributes: Psychology BA Elective, Psychology BS Elective, PSY Health Applied Cluster, Social Science Req (A&S), UUC:Social & Behavioral Sci

PSY 3480 - Life at Work

3 Credits

This course explores the psychological experience of work from the individual's perspective. It examines the changing nature of work and the personal expectations, values and beliefs people hold about jobs and careers. The course seeks to understand the diversity of occupations and what makes work a positive, meaningful experience or leads to dissatisfaction and negative consequences. Opportunities are provided to develop the skills of a reflective practitioner.

Attributes: Psychology BA Elective, Psychology BS Elective, PSY Health Applied Cluster

PSY 3490 - Engaging Diversity in Applied Settings

3 Credits

This course will examine the relevance of multiculturalism and human diversity for the study of psychology. Students will learn about theories in addition to tools that can help understand self and others within the context of human diversity. Assignments will include writing assignments, presentations and using evidence-based thinking and problem solving to address human diversity in applied settings.

Attributes: Psychology BA Elective, Psychology BS Elective, PSY Learning Through Applicatn

PSY 3930 - Special Topics

1-4 Credits (Repeatable for credit)

This an intermediate-level course in specialized topics, methodologies, and/or other skills used in the science and/or application of Psychology. Specific course title and content will vary by semester. Refer to current semester course description or instructor for detail.

Prerequisite(s): PSY 1010

Attributes: Psychology BA Elective, Psychology BS Elective, Social Science Req (A&S)

PSY 3939 - Collaborative Inquiry

3 Credits (Repeatable for credit)

Collaborative Inquiry Special Topics.

Prerequisite(s): Minimum Earned Credits of 60; CORE 1000; CORE 1500*

* Concurrent enrollment allowed.

Attributes: UUC:Collaborative Inquiry**PSY 3980 - Independent Study**

1-3 Credits (Repeatable for credit)

Students coordinate with a supervising faculty member to carry out an intermediate-level independent study course in specialized topics, methodologies, and/or other skills used in the science and/or application of Psychology.

Attributes: Social Science Req (A&S)

PSY 4060 - Applications of Research Methods and Statistics

0 or 4 Credits

Aims at a practicing and theoretical understanding of statistics and basic research methods, and at developing computer literacy. Application of both descriptive and inferential statistics within correlational and experimental designs. Computer literacy includes data entry, simple statistical packages; laboratory.

Prerequisite(s): PSY 2050 with a grade of B- or higher; PSY 2010; Minimum Earned Credits of 60; 13 Credits from PSY1000-4999

Restrictions:

Enrollment is limited to students with a major in Neuroscience, Psychology or Psychology.

Attributes: Psychology BA Elective, Social Science Req (A&S)

PSY 4140 - Psychopharmacology

3 Credits

Behavior and physiological effects of drugs which alter behavior through their effects on neurotransmitters; these drugs include alcohol, nicotine, caffeine, tranquilizers, stimulants, depressants, narcotics, hallucinogens, and marijuana.

Prerequisite(s): PSY 1010

Attributes: Neuroscience - Psychology, Psychology BA Elective, Psychology Advanced Elec, Psychology BS Elective, Social Science Req (A&S)

PSY 4150 - Science of Sleep

3 Credits

Survey course on the principles and practices of sleep research. Both the applied and basic research areas are emphasized. Basic topics include physiological and anatomical dimensions, circadian rhythms, drugs and dreaming. The applied topics emphasize clinical sleep disorders.

Prerequisite(s): PSY 1010

Attributes: Nutrition, Health, Well Elective, Neuroscience - Psychology, Psychology BA Elective, Psychology Advanced Elec, Psychology BS Elective, Social Science Req (A&S)

PSY 4210 - Child Study and Observation

3 Credits

This course bridges research and practice with children through the study of common data collection strategies that are shared by developmental psychologists, practitioners who work directly with children, and professionals who work indirectly on children's behalf. Students are expected to engage in the critical evaluation of the evidence used to support programs, interventions, and/or policies geared toward optimizing children's development. PSY 3210 is strongly recommended. (Offered occasionally)

Prerequisite(s): PSY 1010; 1 Course from PSY 2000-4899

Attributes: Psychology BA Elective, Psychology Advanced Elec, Psychology BS Elective, PSY Learning Through Applicatn

PSY 4220 - Parenting & Child Development

3 Credits

Students will engage critically with psychological theory and research related to parenting and its impact on child development. PSY 3210 strongly recommended. (Offered occasionally)

Prerequisite(s): PSY 1010; 1 Course from PSY 2000-4899

Attributes: Psychology BA Elective, Psychology Advanced Elec, Psychology BS Elective, Social Science Req (A&S)

PSY 4270 - Cross-Cultural Psychology of Human Development

3 Credits

In this course, we explore how the processes of human development - from infancy to old age - vary across the globe, influenced by different cultural environments, and within the context of culture.

Prerequisite(s): (PSY 3210 or PSY 3230)

Attributes: Foreign Service Elective, Global Citizenship (CAS), MLIC Intercultural, Psychology BA Elective, Psychology Advanced Elec, Psychology BS Elective, Social Science Req (A&S)

PSY 4320 - Close Relationships

3 Credits

Uses a social psychological approach to cover theory and research on attraction, social cognition, communication, interdependence, friendship, love, relationship maintenance, stresses and strains, conflict, and dissolution.

Prerequisite(s): PSY 1010; PSY 3300

Attributes: Psychology BA Elective, Psychology Advanced Elec, Psychology BS Elective, Social Science Req (A&S)

PSY 4330 - Psychology of Oppression

3 Credits

The course teaches students how to understand the mechanisms that undermine the appreciation of multiculturalism and other forms of diversity in society. The perspective emphasizes how socially constructed definitions of various groups are used to distinguish sameness and difference among people. Topics include micro- and macro-level theories of oppression, the importance of ideology in oppressive systems, and theories of social change and liberation.

Prerequisite(s): PSY 1010

Attributes: Global Local Justice-Elective, Psychology BA Elective, Psychology Advanced Elec, Psychology BS Elective, Social Science Req (A&S), Urban Poverty - Social Justice, Diversity in the US (A&S)

PSY 4340 - African American Psychology

3 Credits

The course reviews some of the theoretical perspectives in the psychological study of African Americans, examines some of the biases in past research, reviews current research in the field, and applies current theory and research to other areas of psychology (clinical, organizational, etc.)

Prerequisite(s): PSY 1010; Minimum Earned Credits of 60

Attributes: African American Studies, Psychology BA Elective, Psychology Advanced Elec, Psychology BS Elective, Social Science Req (A&S), UUC:Identities in Context, Urban Poverty - Cycles Exclusrn, UUC:Social & Behavioral Sci, Diversity in the US (A&S)

PSY 4350 - Health Psychology

3 Credits

The course is an overview of health psychology from a social psychological perspective. Topics include: Theories of health behavior, stress and coping, personality, social support, smoking, alcohol use, weight control, chronic illness, health care utilization and adherence, and designing persuasive interventions.

Prerequisite(s): (1 Course from PSY 3300-3390, 1 Course from PSY 4300-4390, or PSY 4750)

Attributes: BHS-Social Sciences, Neuroscience - Psychology, Psychology BA Elective, Psychology Advanced Elec, Psychology BS Elective, Social Science Req (A&S)

PSY 4420 - Psychological Tests & Measurements

3 Credits

Theory and techniques in the measurement of intelligence, personality special aptitudes and interests. Emphasis on test construction, evaluation and interpretation.

Prerequisite(s): PSY 1010; PSY 2050

Attributes: Psychology BA Elective, Psychology Advanced Elec, Psychology BS Elective, PSY Learning Through Applicatn, Social Science Req (A&S)

PSY 4430 - Psychology of Trauma

3 Credits

Special topics will be explored with an emphasis on interpersonal trauma, generally and intimate partner violence, specifically. This course is grounded in research and clinical experience, and implications for practice across multiple disciplines will be discussed.

Prerequisite(s): PSY 3460; PSY 1010; PSY 2050

Attributes: Psychology BA Elective, Psychology Advanced Elec, Psychology BS Elective, Social Science Req (A&S)

PSY 4445 - Diversity, Equity, and Inclusion in the Workplace

3 Credits

This course is designed to integrate and apply students' knowledge of diversity, equity, and inclusion within the workplace. Working in teams, students will review research and theory, with a focus on those within the industrial and organizational psychology domain, to propose critically informed and empirically grounded recommendations for addressing workplace diversity, equity, and inclusion problems.

Prerequisite(s): CORE 1000; CORE 1500^{*}; PSY 1010; Minimum Earned Credits of 60

^{*} Concurrent enrollment allowed.

Attributes: Psychology BA Elective, Psychology Advanced Elec, Psychology BS Elective, UUC:Collaborative Inquiry

PSY 4450 - Intro Counseling Clinical Psychology

3 Credits

This course, an Introduction to Counseling and Clinical Psychology is designed to provide students with knowledge concerning the broad field of counseling and clinical psychology. This is accomplished by providing an overview of the functions, the roles, and the venues in which clinical psychologists function. (Offered occasionally)

Prerequisite(s): PSY 1010

Attributes: Psychology BA Elective, Psychology Advanced Elec, Psychology BS Elective, Social Science Req (A&S)

PSY 4460 - Marital Relations, Sexuality & Parenting

3 Credits

Explores the interrelationships among marital relations, sexuality, and parenting integrated by the theme of psychological communication. Format is lecture/discussion.

Prerequisite(s): PSY 1010

Attributes: Psychology BA Elective, Psychology Advanced Elec, Psychology BS Elective, Social Science Req (A&S)

PSY 4470 - Psychological Measurement in the Workplace

3 Credits

This course focuses on psychological measurement used in the workplace for personnel selection, performance evaluation, training, and other human resources management practices. This course bridges theoretical knowledge of psychological measurement and psychometrics with practical application by guiding students in developing a measurement instrument for a human resource management purpose. Students are expected to engage in each step of the instrument development process and collaborate with their peers to produce a reliable and valid instrument.

Prerequisite(s): PSY 2050 with a grade of B or higher

Attributes: Psychology BA Elective, Psychology Advanced Elec, Psychology BS Elective, PSY Learning Through Applicatn

PSY 4480 - Psychology and Law

3 Credits

Examines laws, the legal system, and legal processes from the perspective of principles in psychology, as well as the use and effect of psychology in the formation and implementation of laws; and examines the influence of law on social science research and medical/mental health professions.

Prerequisite(s): PSY 1010; 1 Course from PSY 3000-6999

Attributes: Psychology BA Elective, Psychology Advanced Elec, Psychology BS Elective, Social Science Req (A&S)

PSY 4490 - Teams in Organizations

3 Credits

This course is focused on work teams and understanding factors that influence their use and success in organizations. Broadly, the intent of this course is to provide students with an overview and understanding of the use and effectiveness of teams in organizations, introduce students to theories and research findings related to team functioning in organizations, and develop students' appreciation for how research on teams in organizations may be applied to their everyday lives and future careers.

Prerequisite(s): PSY 1010; 1 Course from PSY 2000-4899

Attributes: Psychology BA Elective, Psychology Advanced Elec, Psychology BS Elective, Social Science Req (A&S)

PSY 4710 - Studies in Cognition/Neuroscience

1-3 Credits (Repeatable for credit)

This an advanced course in specialized topics, methodologies, and/or other skills used in cognitive psychology and/or neuroscience. Specific course title and content will vary by semester. Refer to current semester course description or instructor for detail. One course from PSY 3100 to PSY 3160 is strongly recommended to be taken prior to this course.

Prerequisite(s): PSY 1010

Attributes: Psychology BA Elective, Psychology Advanced Elec, Psychology BS Elective, Social Science Req (A&S)

PSY 4720 - Studies in Developmental Psychology

3 Credits (Repeatable up to 15 credits)

This an advanced course in specialized topics, methodologies, and/or other skills used in developmental psychology. Specific course title and content will vary by semester. Refer to current semester course description or instructor for detail. PSY 3210 is strongly recommended to be taken prior to this course.

Prerequisite(s): PSY 1010; 1 Course from PSY 3000-3999

Attributes: Psychology BA Elective, Psychology Advanced Elec, Psychology BS Elective, Social Science Req (A&S)

PSY 4730 - Studies in Applied Psychology

1-3 Credits (Repeatable for credit)

This is an advanced course in specialized topics, methodologies, and/or other skills used in psychology in applied settings. Specific course title and content will vary by semester. Refer to current semester course description or instructor for detail. PSY 2050 is strongly recommended to be taken prior to this course.

Prerequisite(s): PSY 1010; 1 Course from PSY 3000-6999**Attributes:** Psychology BA Elective, Psychology Advanced Elec, Psychology BS Elective, Social Science Req (A&S)**PSY 4731 - Introduction to Psychodrama**

3 Credits

The course is designed as an introduction to history, theory, research methods, and practice of psychodrama. We will also cover the scientific use of its tools and how it can be applied in therapy and in our community.

Prerequisite(s): PSY 1010; 1 Course from PSY 3000-6999**Attributes:** Psychology BA Elective, Psychology Advanced Elec, PSY Learning Through Applicatn, Social Science Req (A&S)**PSY 4800 - Undergraduate Research**

1-6 Credits (Repeatable for credit)

Students engage in research activities as an assistant under the supervision of faculty and experienced students (undergraduate or graduate) in the lab. All research conducted in psychology labs.

Prerequisite(s): PSY 1010; 0 Course from PSY 2000-2999**Attributes:** Psychology BA Elective, Psychology BS Elective, PSY Learning Through Applicatn, Social Science Req (A&S)**PSY 4840 - Advanced Research Methodology and Statistics**

0 or 4 Credits

Course combines statistics, research design, research methods and actual research experience. Inferential statistics including probability theory, sampling distributions, t-test, correlation, factorial analysis of variance and non-parametric. Methodologies including quasi-experiments and special control procedures. Students do at least one research project including analysis of results and write-up in American Psychological Association format: laboratory.

Prerequisite(s): Minimum Earned Credits of 60; PSY 1010; 15 Credits from PSY1000-4999; PSY 2050; (PSY 3060 with a grade of B- or higher or PSY 4060 with a grade of B- or higher)**Restrictions:**

Enrollment is limited to students with a major in Neuroscience, Psychology or Psychology.

Attributes: Neuroscience - Capstone, Psychology BA Elective, Psychology Advanced Elec, Psychology BS Elective, PSY Learning Through Applicatn, Social Science Req (A&S)**PSY 4850 - Behavior Education Assessment Research Lab**

1-3 Credits (Repeatable for credit)

Students engage in supportive research activities under the supervision of faculty and students with more experience (undergraduate or graduate) in the lab. All activities conducted in the lab (BEAR lab) will be to positively support the works of other units, particularly those at SLU.

Attributes: Psychology BA Elective, Psychology BS Elective, PSY Learning Through Applicatn, Social Science Req (A&S)**PSY 4851 - Collaborative Undergraduate Billiken Behavior Lab**

1-3 Credits (Repeatable for credit)

Students engage in research activities as an assistant under the supervision of faculty and experienced students (undergraduate or graduate) in the lab. All research conducted in the lab (CUBB lab) are based in psychology.

Attributes: Psychology BA Elective, Psychology BS Elective, PSY Learning Through Applicatn, Social Science Req (A&S)**PSY 4910 - Internship**

1-6 Credits (Repeatable for credit)

Student arranges with a supervising faculty member a scholarly experience involving volunteering at a human services agency (or other psychology-related organization) and engaging in relevant academic activities, such as writing a reflection essay.

Prerequisite(s): PSY 1010; 1 Course from PSY 2000-4899; CORE 1000; CORE 1500*

* Concurrent enrollment allowed.

Attributes: Psychology BA Elective, Psychology BS Elective, PSY Learning Through Applicatn, Social Science Req (A&S), UUC:Reflection-in-Action**PSY 4930 - Special Topics**

1-3 Credits (Repeatable for credit)

This is an advanced course in specialized topics, methodologies, and/or other skills used in the science and/or application of Psychology.

Prerequisite(s): PSY 1010**Attributes:** Social Science Req (A&S)**PSY 4965 - Capstone Practicum Project**

3 Credits (Repeatable for credit)

Student arranges with a supervising faculty member to complete a scholarly project, along with concurrent volunteer hours at a human services agency (or other psychology-related organization) and engaging in other relevant academic activities. Course may be completed as an independent-study or as a class.

Prerequisite(s): PSY 1010; PSY 2050; 15 Credits from PSY1000-4999; Minimum Earned Credits of 60**Restrictions:**

Enrollment is limited to students with a major in Neuroscience, Psychology or Psychology.

Attributes: Neuroscience - Capstone, Psychology BA Elective, Psychology BS Elective, PSY Learning Through Applicatn, Social Science Req (A&S)**PSY 4967 - Capstone Research Project**

3 Credits (Repeatable for credit)

Student arranges with a supervising faculty member to carry out a psychology research project. Students are expected to be engaged with study planning, ensuring study meets regulatory requirements, data collection, data analysis, presentation and interpretation of the results, and an APA-style report. Course may be completed as an independent-study or as a class.

Prerequisite(s): PSY 1010; PSY 2050; 15 Credits from PSY1000-4999; Minimum Earned Credits of 60**Restrictions:**

Enrollment is limited to students with a major in Neuroscience, Psychology or Psychology.

Attributes: Neuroscience - Capstone, Psychology BA Elective, Psychology BS Elective, Social Science Req (A&S)

PSY 4969 - Critical Thinking About Psychology

3 Credits

Working in teams, students will review the psychological literature and propose a critically-informed and empirically-grounded action plan for research, educational, and or clinical applications.

Prerequisite(s): (Minimum Earned Credits of 60 and PSY 2050)

Restrictions:

Enrollment is limited to students with a major in Neuroscience, Psychology or Psychology.

Attributes: Psychology BA Elective, Psychology BS Elective, Social Science Req (A&S)

PSY 4970 - Advanced Independent Research

1-6 Credits (Repeatable for credit)

Outside-the-classroom research activity done under faculty supervision.

Attributes: Psychology BA Elective, Psychology BS Elective, PSY Learning Through Applicatn, Social Science Req (A&S)

PSY 4980 - Advanced Independent Study in Psychology

1-6 Credits (Repeatable for credit)

Students coordinate with a supervising faculty member to carry out an advanced independent studies course in specialized topics, methodologies, and/or other skills used in the science and/or application of Psychology.

Attributes: Social Science Req (A&S)

PSY 5030 - Clinical Assessment I

3 Credits

Theory, research, and concepts in clinical assessment, with emphasis on cognitive abilities.

PSY 5040 - Clinical Assessment II

3 Credits

Theory, research and concepts in assessment of personality and behavioral disorders for individuals and groups.

Prerequisite(s): PSY 5030

PSY 5080 - Advanced Quantitative Research Methods

3 Credits

This course is designed to strengthen and extend students' foundational knowledge of the general principles involved in doing quantitative research in psychology. Topics covered include the measurement of behavior and mental processes (e.g., operational definitions, modalities of measurement (self-report, observational, physiological), measurement reliability and validity); research settings (laboratory, field); research designs (experimental, correlational, quasi-experimental); types of experimental control; internal and external validity; sampling; power and design sensitivity; analysis, interpretation, and reporting of data within various research designs; and research ethics. (Offered every Fall)

Attributes: Psychology GR Methods/Stats

PSY 5090 - Psychometric Theory

3 Credits

This course provides an overview of the concepts and issues central to an understanding of psychological measurement. Topics for the course include an overview of basic statistical concepts, scaling, item and test construction, scoring algorithms, item analysis, reliability and generalizability theory and application, validity, prediction and classification, analysis of test dimensionality including factor analysis, test refinement and revision, evaluation of test bias, and item response theory. Emphasis is placed on application of theoretical foundations to practical problems in the aforementioned areas. Following completion of the course, students should be able to critically examine the psychometric properties of tests and write proposals pertinent to test development, refinement, and evaluation. (Offered every Spring)

Attributes: Psychology GR Methods/Stats

PSY 5100 - History of Psychology

3 Credits

Survey of major events, people and ideas in the history of psychology, primarily since 1860. Emphasis on original sources and historical research.

PSY 5120 - Memory & Cognition

3 Credits

This course is designed to provide an overview of basic cognitive skills and abilities, focusing primarily on memory function. Contemporary theories and modes of memory and language are discussed.

Attributes: AI Electives

PSY 5220 - Lifespan Dev Psychology

3 Credits

Psychopathology, assessment, and intervention clinical coursework and permission of the instructor. Survey of cognitive, social, and emotional growth across the lifespan and cultural forces that influence development at different stages. Clinical implication (psychopathology, assessment, intervention) are addressed for each developmental stage.

PSY 5230 - Fundamentals of Neuropsychology

3 Credits

This course involves the study of the structure and function of the nervous system, particularly the brain, and its impact on behavior. Everyday behaviors, such as language, emotion, and sleep, will be explored from a neurobiological perspective. The course will focus primarily on understanding the neurophysiological underpinnings of many types of psychological/neurological disorders, such as schizophrenia, mood disorders, attention deficit/hyperactivity disorder (ADHD), Alzheimer's disease, Parkinson's disease, and so on. This course will also demonstrate cognitive tasks utilized to quantify cognitive and emotional functioning.

PSY 5250 - Cognitive Development

3 Credits

This seminar is designed to selectively introduce students to major theories, concepts and recent empirical research in the field of cognitive development. The textbook will provide students with broad overviews of classic and contemporary topics and issues in the field. Assigned readings from the course pack will permit more in-depth examination of current note-worthy topics and will be the primary focus of class discussion.

PSY 5260 - Social Development

3 Credits

Restrictions:

Enrollment limited to students in the Psychology department.

PSY 5300 - Advanced Social Psychology

3 Credits

Contemporary and classic theory and research in social psychology. Topics include attitude formation and change, social influence, social cognition, attribution, self and social identity, prejudice and stigma, intergroup conflict, interpersonal attraction and relationships, altruism, and aggression.

Restrictions:

Enrollment limited to students in the Psychology department.

PSY 5450 - Advanced Industrial Psychology

3 Credits

This course provides an advanced examination of job analysis, employee selection, and the design of legally defensible and equitable staffing systems. Students will learn to develop and evaluate comprehensive selection systems by linking job requirements to work-related characteristics and aligning those characteristics with reliable and valid assessment tools. Emphasis is placed on content validation, criterion-related validation, adverse impact analysis, and the ethical and legal responsibilities associated with personnel selection. Students will apply statistical methods to evaluate predictors, interpret selection data, and design structured decision-making strategies that balance effectiveness, fairness, and organizational impact. Through applied projects, students will construct and defend a complete selection system—from job analysis through hiring decisions—grounded in professional standards and SIOP competencies.

Restrictions:

Enrollment is limited to students with a major in Industrial-Organizational Psych.

PSY 5460 - Advanced Organizational Psychology

3 Credits

Examination of organizational theory with special emphasis on systems theory. Topics include history subsystems, growth, role theory and organizational models cover organizational behavior such as motivation, leadership and change.

PSY 5474 - Leadership, Power, & Influence

3 Credits

This course is designed to provide an introductory overview of workplace leadership, including the research, theory, and practical applications for how IO psychology can help support leaders and leader development. Through reading, discussion, and research proposals, this course is meant to provide a space to (a) learn about workplace leadership and the current research being done in this area, as well as (b) critically think about the implications of this research for research and application to organizations.

PSY 5475 - Training and Development

3 Credits

This course is designed to discuss the research, theory, and practical applications for training and development within an organizational context. We will review and critically think about training needs assessment, training design, and training evaluation.

PSY 5477 - Performance Management

3 Credits

This is a graduate level course that focuses on the concepts, theories, methods, issues, and applications related to performance management. This course covers job analysis, performance appraisal, and performance management, along with the relevant research and applications.

PSY 5480 - Occupational Health Psychology

3 Credits

This course is designed to provide an introductory overview to the field of Occupational Health Psychology (OHP), including the research, theory, and practical applications for how Industrial Organizational psychology can help support employee health. Through reading, discussion, and research proposals, this course is meant to provide a space to (a) learn about the field of OHP and the current research being done in this area, as well as (b) critically think about the implications of this research for research and application to organizations.

PSY 5485 - Individual Differences

3 Credits

This course is designed to discuss the research, theory, and practical applications surrounding individual differences within an organizational context. We will review and critically think about individual differences that influence employee and organizational perceptions, cognitions, attitudes, and behaviors.

PSY 5520 - Psychopathology

3 Credits

Survey of psychopathology, primarily emphasizing etiology with secondary emphasis on taxonomy.

Restrictions:

Enrollment limited to students in the Psychology department.

PSY 5530 - Psychology of Trauma

3 Credits

This psychology of trauma course explores the ways in which traumatic events are experienced, the definitions of the events, themselves, and the range of posttraumatic reactions. These reactions, as varied as victims themselves, can affect cognitive, emotional, biological/physical and interpersonal aspects of functioning. Students in this course will receive an overview of the epidemiology of potentially traumatic events, the theories underlying their impact and the range of posttraumatic reactions. Special topics will be explored with an emphasis on interpersonal trauma. Societal, cultural, and historical influences on views of trauma will also be discussed. Offered in spring.

PSY 5540 - Sports Psychology

3 Credits

This course is designed to provide students with knowledge and understanding of the broad theoretical, scientific, and conceptual foundations of the psychology of sport and exercise. This course will provide students with the key concepts, theories, and principles of sport psychology and the application of psychological knowledge and principles to enhance sport performance and exercise behaviors.

PSY 5550 - Clinical Health Psychology

3 Credits

This course provides (1) an in-depth overview of concepts relevant to the interdisciplinary field of clinical health psychology/ behavioral medicine, and (2) prepares students to conduct clinical work with medical populations. Using psychological theory and the biopsychosocial model the course examines how to work with patients in a variety of medical settings with a variety of presenting problems. (Offered every Spring)

Prerequisite(s): PSY 5610

PSY 5610 - Clinical Interventions

3 Credits

Studies of theoretical, empirical, and conceptual foundations of clinical interventions, including outcome, client, and therapist variables and processes.

PSY 5790 - Applied Univariate Statistics in Behavioral Science

3 Credits

This course is designed to strengthen student's foundational knowledge of popular applications of statistical analytic techniques in behavioral science, with emphasis on classical univariate inferential techniques. Topics covered include a review of probability theory and sampling distributions, data evaluation, correlation, multiple regression, analysis of variance (ANOVA), and categorical data analysis and other nonparametric approaches. Emphasis of the course will be placed on conceptual knowledge, application, and interpretation of the results.

Restrictions:

Enrollment is limited to students with a major in Psychology.

Attributes: Psychology GR Methods/Stats

PSY 5800 - Clinical Assessment Practicum I

0 Credits (Repeatable for credit)

Supervised clinical experience in the administration, scoring and interpretation of individual tests of intelligence and academic achievement.

PSY 5810 - Clinical Practicum I

0-3 Credits (Repeatable for credit)

Supervised clinical experience in psychological assessment and intervention with individuals, couples, and families representing a variety of problems and developmental stages (i.e., children, adolescents, adults).

PSY 5820 - Clinical Practicum II

0-3 Credits (Repeatable for credit)

Supervised clinical experience in psychological assessment and intervention with individuals, couples, and families representing a variety of problems and developmental stages (i.e., children, adolescents, adults).

PSY 5830 - Clinical Assessment Practicum II

0 Credits (Repeatable for credit)

Supervised clinical experience in the administration, scoring, and interpretation of objective and projective psychological tests.

PSY 5840 - Experimental Psychology Research Vertical Team

0-6 Credits (Repeatable for credit)

Supervised experience in the integrating of the content of experimental psychology with its applications.

PSY 5850 - PRC: Applied Psychology

0-6 Credits (Repeatable for credit)

Supervised experience in the application of social action research theory and strategy.

PSY 5860 - Clinical Research I

0-3 Credits (Repeatable for credit)

Presents an overview of current research in psychology, particularly clinical psychology, with focus on research ethics, conceptualization, method and statistics.

PSY 5870 - Clinical Research II

0-3 Credits (Repeatable for credit)

A focused presentation of an area of current research in psychology, particularly clinical psychology. Special emphasis is placed on the implementation of research projects from data collection through analysis, to written completion and publication.

PSY 5880 - Practicum: Psychopathology

0-3 Credits (Repeatable for credit)

Supervised diagnostic clinical practicum.

PSY 5890 - Clerkship in Clinical Psychology

0 Credits (Repeatable for credit)

Students provide supervised psychological services to patients presenting for services.

PSY 5891 - Clerkship in Clinical Child Psychology

0 Credits (Repeatable for credit)

Students provide supervised psychological services primarily to youth and/or their families.

PSY 5892 - Clerkship in Health and Neuropsychology

0 Credits (Repeatable for credit)

Students provide supervised psychological services in a medical setting involving one or more patient populations.

PSY 5893 - Clerkship in Community Psychology

0 Credits (Repeatable for credit)

Students provide supervised clinical services in a community mental health setting.

PSY 5894 - Clerkship in Academic Psychology

0 Credits (Repeatable for credit)

Students provide supervised academic services related to the discipline of psychology, including teaching, research, service, and/or administration.

PSY 5895 - Clerkship in Sports Psychology

0 Credits (Repeatable for credit)

Students provide supervised athletic performance services to teams and athletes.

PSY 5930 - Special Topics

3 Credits (Repeatable for credit)

PSY 5970 - Research Topics

3 Credits (Repeatable for credit)

PSY 5980 - Graduate Independent Study in Psychology

1-3 Credits (Repeatable for credit)

PSY 5990 - Thesis Research

0-6 Credits (Repeatable for credit)

PSY 6000 - Teaching of Psychology

3 Credits

Reading, lectures and supervised experience designed to prepare the student for teaching psychology at the college level.

Restrictions:

Enrollment limited to students in the Psychology department.

PSY 6010 - Ethics and Professional Issues in Industrial-Organizational Psychology

3 Credits

This graduate seminar examines ethical standards and professional issues in the field of psychology. It includes an examination of the APA code of conduct and a special focus on the science and practice of Industrial-Organizational Psychology in applied and academic settings.

PSY 6020 - Ethics and Human Diversity in the Behavioral Sciences

3 Credits

This course provides analysis and discussion of ethical concerns and issues of human diversity that confront psychologists and other behavioral scientists in academic, research, and applied settings. Course themes include topics such as ethical foundations, social justice, the common good, human flourishing and well-being, multiculturalism, and scholar-activism.

PSY 6030 - Human Diversity

1-3 Credits

Delivered in three, one-semester-hour modules. Module One introduces issues regarding identity and oppression; exposure to ideas is goal. Module Two experientially focuses on teaching and research; integration of issues. Module Three examined the issues in practice and has a clinical-/professional-practice emphasis.

PSY 6190 - Topics: Cognitive Neuroscience

3 Credits (Repeatable up to 12 credits)

Advanced seminar in newly developing areas of experimental psychology.

PSY 6290 - Topics: Developmental Psych

3 Credits (Repeatable for credit)

Advanced seminar in selected areas of developmental psychology.

PSY 6390 - Topics in Social Psychology

3 Credits (Repeatable up to 12 credits)

Advanced topics and current research/theory in specialized areas of social psychology, including attitudes, self and social identity, social identity, social cognition, health, relationships, and prejudice.

Prerequisite(s): PSY 5300**PSY 6490 - Topics in Organizational Psychology**

3 Credits (Repeatable for credit)

Advanced seminars in organizational change and development, organizational intervention, training and development., and newly developing areas in organizational psychology.

PSY 6500 - Applied Multivariable and Multivariate Statistics in Behavioral Science

3 Credits

This course will survey multivariable and multivariate techniques commonly used in behavioral science. Topics covered include multiple regression, MANOVA, logistic regression, time-to-event analysis, canonical correlation, principal components analysis, factor analysis, and discriminant function analysis, with a brief introduction to structural equation modeling. Emphasis of the course will be placed on conceptual knowledge, application, and interpretation of the results. (Offered every Spring)

Prerequisite(s): PSY 5790**Attributes:** Aviation Elective (Graduate), Aviation Research (Graduate), Psychology GR Methods/Stats**PSY 6520 - Clinical Child Psychology**

3 Credits

Study of diagnostic and assessment processes and approaches with children and adolescents. Equal emphasis on recent literature pertaining to research and to practice.

Restrictions:

Enrollment is limited to students with a major in Clinical Psychology.

PSY 6550 - Cognitive Behavioral Interventions

3 Credits

This course covers cognitive behavioral theory, case conceptualization, and treatment of the major mental disorders. Specific and general empirically supported treatment approaches in the context of case conceptualization and diagnosis are addressed. Offered in fall in even years.

PSY 6560 - Addictions: Assessment & Intervention

3 Credits

This course provides an overview of the biopsychosocial concepts relevant to understanding the etiology, diagnosis and treatment of substance use disorders and other addictions (e.g., gambling disorder) from a scientist-practitioner perspective. Specific addiction-related assessments tools and interventions are covered. (Offered every Spring)

Prerequisite(s): PSY 5520; PSY 5610**PSY 6590 - Topics: Psychopathology**

3 Credits

Advanced seminar on newly developing areas of research and theory in psychopathology.

PSY 6600 - Structural Equations Modeling

3 Credits

This is an introductory structural equation modeling course that will cover path analysis, confirmatory factor analysis, and analysis of full structural equation models using latent variables. Emphasis is placed on application, interpretation, and presentation of results using computer software programs.

Prerequisite(s): (PSY 6500 or SOC 6100)**Attributes:** Psychology GR Methods/Stats**PSY 6630 - Consultation Skills: Theory & Practice**

3 Credits

Theories, types and goals of consultation as well as relevant research associated with each type of consultation. Primary focus on training in systems consultation and its evaluation.

PSY 6633 - Machine Learning for Psychology

3 Credits

This graduate-level course introduces key machine learning concepts for psychologists and social science researchers. It provides an overview of widely used machine learning techniques for those with limited backgrounds in computational methods or advanced statistics. The course also guides students in performing basic analyses using these techniques and interpreting the results.

Attributes: Psychology GR Methods/Stats**PSY 6635 - Organizational Change and Development**

3 Credits

This graduate course offers an overview of major theories and models of organizational change, with a particular emphasis on the principles and practices of Organizational Development (OD). Students will explore the behavioral science foundations of change management, examine strategies for planned change, and develop practical skills through readings, case analyses, role-plays, and reflective journaling. The course emphasizes both conceptual understanding and applied learning, preparing students to diagnose organizational challenges and implement evidence-based change initiatives using OD frameworks.

PSY 6637 - Organizational Learning

3 Credits

This graduate seminar examines the development, theory, research, and practice of organizational learning. The course focuses on how organizations can learn to change and achieve sustainable advantages by creating, acquiring, storing, disseminating and using knowledge to adapt, renew, innovate, and transform. Types and processes of organizational learning, facilitating and inhibiting factors, and impacts on organizational performance are considered. The course begins by reviewing Senge's disciplines and explores the acquisition of associated skills. Additional perspectives are provided by a variety of theoretical papers, research reports, and case studies from various academic disciplines and practicing professionals. Applications of principles to diverse organizational settings are examined and students are encouraged to develop projects relevant to their specialized interests that have practical value.

PSY 6650 - Theories of Child Psychotherapy

3 Credits

Study of diverse approaches to intervention with children and adolescents. Equal emphasis on recent literature pertaining to research and to practice.

Restrictions:

Enrollment limited to students in the Psychology department.

PSY 6680 - Neuropsychological Assessment

3 Credits

An overview of the specialty area of neuropsychology. Emphasis is placed on understanding functional neuroanatomy and disorders with known neurobehavioral sequelae. Several approaches to assessment of neuropsychological functioning are reviewed.

PSY 6690 - Topics in Intervention Strategies

3 Credits (Repeatable for credit)

Advanced seminar in newly developing areas of intervention strategies.

PSY 6800 - Ethics, Supervision, and Consultation

1-3 Credits

Ethical standards and issues for psychologist regarding research with human subjects and current ethical and professional issues as they relate to the field of psychology.

Restrictions:

Enrollment limited to students in the Psychology department.

PSY 6810 - Clinical Practicum III

0-3 Credits (Repeatable for credit)

Supervised clinical experience with children, adolescents, adults, couples, families, and groups covering administration, advanced interpretation, integration, report writing, case conceptualization of traditional and specialized assessment instruments, and advanced psychotherapeutic interventions for individuals couples, families and groups.

Restrictions:

Enrollment limited to students in the MS Clinical Psychology or PhD Clinical Psychology programs.

PSY 6820 - Clinical Practicum IV

0-3 Credits (Repeatable for credit)

Supervised clinical experience with children adolescents, adults, couples, families and groups emphasizing advanced utilization of client appropriate assessment instruments, advanced utilization of various psychotherapeutic interventions, provision of consultation, and supervised experience in providing supervision to first and second year clinical graduate students.

PSY 6860 - Clinical Research III

0-3 Credits (Repeatable for credit)

Presentation of focused areas of current research in psychology, particularly clinical psychology. Emphasis is placed on developing advanced knowledge skills of conceptualization methodology and statistics.

PSY 6870 - Clinical Research IV

0-3 Credits (Repeatable for credit)

Prerequisite(s): PSY 6860

PSY 6880 - PRC: Clinical Interventions

0-3 Credits

Applied course in the methods, techniques and practice of psychotherapy.

Restrictions:

Enrollment limited to students in the Psychology department.

PSY 6890 - Internship in Clinical Psychology

0 Credits (Repeatable for credit)

Internship in Clinical Psychology.

PSY 6910 - Internship in Applied Psych

0-3 Credits (Repeatable for credit)

PSY 6930 - Special Topics

1-3 Credits (Repeatable for credit)

PSY 6950 - Special Study for Exams

0 Credits (Repeatable for credit)

PSY 6970 - Advanced Research Topics in Psychology

1-3 Credits

PSY 6980 - Graduate Independent Study in Psychology

1-3 Credits

PSY 6990 - Dissertation Research

0-12 Credits (Repeatable for credit)