

DEPARTMENT OF PSYCHOLOGICAL SCIENCES

College of Sciences and Humanities
Department of Psychological Sciences
144 Kent Hall
Kent Campus
330-672-2166
psych@kent.edu
www.kent.edu/psychology

Undergraduate Programs

Minors

Graduate Programs

Department of Psychological Sciences Faculty

- Black, Sarah R. (2023), Assistant Professor, Ph.D., Stony Brook University, 2015
- Blasiman, Rachael N. (2010), Associate Professor, Ph.D., Case Western Reserve University, 2010
- Casto, Kathleen V. (2023), Assistant Professor, Ph.D., Emory University, 2016
- Ciesla, Jeffrey (2007), Associate Professor, Ph.D., University at Albany-SUNY, 2004
- Ciesla, Shannon N. (2007), Associate Professor, Ph.D., Kent State University, 2013
- Coifman, Karin G. (2010), Professor, Ph.D., Columbia University, 2008
- Cremeans-Smith, Julie K. (1998), Professor, Ph.D., Kent State University, 2004
- Delahanty, Douglas L. (1997), Professor, Ph.D., University of Pittsburgh, 1997
- Evey, Julie A. (2018), Associate Professor, Ph.D., Kent State University, 1998
- Flessner, Christopher A. (2011), Professor, Ph.D., University of Wisconsin, Milwaukee, 2008
- Folk, Jocelyn R. (1999), Associate Professor, Ph.D., University of South Carolina, Columbia, 1997
- Frey, Katelyn T. (2023), Assistant Professor, M.A., University of Akron, 2021
- Galati, Ashley R. (2013), Associate Professor, Ph.D., University of Kentucky, 2013
- Gere, Judith (2013), Associate Professor
- Gilman, Tracy L. (2020), Assistant Professor, Ph.D., Penn State University, 2013
- Gunstad, John J. (2005), Professor, Ph.D., Ohio University, 2002
- Hamrick, Phillip M. (2013), Associate Professor, Ph.D., Georgetown University, 2013
- Himmelstein, Mary S. (2019), Assistant Professor, Ph.D., Rutgers University, 2016
- Hughes, Joel W. (2003), Professor, Ph.D., The Ohio State University, 2001
- Jones, Bryan A. (2010), Associate Professor, Ph.D., State University of New York-Stony Brook, 2007
- Joynes, Robin L. (2000), Professor, Ph.D., Texas A&M University-Main Campus, 1998
- Keiller, Scott W. (1989), Associate Professor, Ph.D., Kent State University, 1997
- Larwin, David A. (1985), Senior Lecturer, M.A., Kent State University, 1989
- Lechner, William (2017), Associate Professor, Ph.D., Oklahoma State University, 2015
- Miller, Eric D. (1999), Associate Professor, Ph.D., University of Iowa, 1999
- Neal-Barnett, Angela M. (1989), Professor, Ph.D., DePaul University, 1988
- Sato, Amy F. (2012), Professor, Ph.D., University of Wisconsin-Milwaukee, 2009
- Sciartelli, Sharon M. (2007), Professor, Ph.D., Kent State University, 1995
- Sefcek, Jon A. (2011), Associate Professor, Ph.D., University of Arizona, 2007
- Shepherd, James B. (1986), Assistant Professor, Ph.D., Kent State University, 1996
- Spitznagel, Mary Beth (2009), Professor, Ph.D., Ohio University, 2003
- Tabak, Melanie A. (2003), Professor, Ph.D., Kent State University, 2008
- Taber, Jennifer M. (2016), Associate Professor
- Thompson, Clarissa A. (2014), Professor, Ph.D., The Ohio State University, 2008
- Tomich, Patricia L. (1994), Professor, Ph.D., Kent State University, 2000
- Updegraff, Alanna S. (2012), Professor, Ph.D., University of California-Los Angeles, 2003
- Updegraff, John A. (2004), Professor, Ph.D., University of California-Los Angeles, 2002
- Was, Christopher A. (2005), Professor, Ph.D., University of Utah, 2005
- Weigold, Arne (2019), Professor, Ph.D., Texas Tech University, 2008
- Williams, Trevor F. (2024), Assistant Professor, Ph.D., University at Buffalo-SUNY, 2020
- Zaragoza, Maria S. (1984), Professor, Ph.D., Johns Hopkins University, 1984

Neuroscience (NEUR)

NEUR 10100 SEMINAR IN NEUROSCIENCE 1 Credit Hour

Course provides an overview of the neuroscience field, including areas of neuroscience research, foundational principles in neuroscience, current questions and techniques, career possibilities and examples of research being conducted by neuroscience faculty.

Prerequisite: None.

Schedule Type: Lecture

Contact Hours: 1 lecture

Grade Mode: Satisfactory/Unsatisfactory

NEUR 30100 NEUROSCIENCE I 3 Credit Hours

(Crosslisted with BSCI 30100) Course covers basic principles in neuroscience, from the cellular to systems levels. Provides students a basic understanding of how the nervous system is organized, electrophysiology properties of neurons, sensory systems and motor pathways.

Prerequisite: BSCI 30140.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

NEUR 30200 NEUROSCIENCE II 3 Credit Hours

(Cross-listed with BSCI 30200) Course builds off of the principles taught in Neuroscience I by providing more depth and breadth to the functioning of the nervous system. Course provides students a more complete understanding of the neuroanatomy, neurophysiology and neural circuitry involved in sensory processing, motor control and higher order cognitive functioning.

Prerequisite: NEUR 30100 or BSCI 30100.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

NEUR 30300 EXPERIMENTAL METHODS IN NEUROSCIENCE 1 Credit Hour

(Cross-listed with BSCI 30300) Accompanying laboratory for NEUR 30200 or BSCI 30200. Course provides a greater depth of understanding into and hand-on experience with the principles discussed in NEUR 30200 or BSCI 30200. Course provides students a full understanding in the major research techniques used in neuroscience. The major topics covered include: electrophysiology, neuroanatomy, learning and memory, the neuromuscular junction and sensory perception. .

Prerequisite: NEUR 30100 or BSCI 30100 with minimum C grade.

Pre/corequisite: NEUR 30200 or BSCI 30200.

Schedule Type: Laboratory

Contact Hours: 3 lab

Grade Mode: Standard Letter

NEUR 30889 BEAUTY AND THE BRAIN: EXPLORING FLORENCE THROUGH THE SENSES (ELR) 3 Credit Hours

(Cross-listed with BSCI 30889) This is an introductory sensory neuroscience course for undergraduate students. By exploring the sensory richness of Florence, Italy, students delve into the biology of their sensory systems. Through a combination of field trips, laboratory exercises, lectures and presentations, students learn how our sensory systems function to change diverse environmental signals into information that can be interpreted by the brain. Site visits are used to highlight specific sensory systems and laboratories/lectures provide the conceptual framework. Together, these experiences lay the foundation for students' understanding of vision, taste, smell, touch and hearing in the unique environment of Florence, Italy.

Prerequisite: Special approval.

Schedule Type: International Experience, Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

Attributes: Experiential Learning Requirement

NEUR 40192 INTERNSHIP IN NEUROSCIENCE (ELR) 3-12 Credit Hours

Work experience and training in neuroscience under the supervision of appropriate personnel in a government agency, nonprofit organization or business.

Prerequisite: NEUR 30200; and special approval.

Schedule Type: Practical Experience

Contact Hours: 9-36 other

Grade Mode: Standard Letter

Attributes: Experiential Learning Requirement

NEUR 40195 SPECIAL TOPICS IN NEUROSCIENCE 1-3 Credit Hours

Topics in neuroscience vary per course offering.

Prerequisite: NEUR 30200.

Schedule Type: Laboratory, Lecture, Combined Lecture and Lab

Contact Hours: 1-3 lecture, 2-6 lab

Grade Mode: Standard Letter

NEUR 40196 INDIVIDUAL INVESTIGATION IN NEUROSCIENCE 1-3 Credit Hours

(Repeatable for credit) Research study under the guidance of a neuroscience faculty member and under the direction of a Biological Sciences faculty mentor.

Prerequisite: NEUR 30200; and special approval.

Schedule Type: Individual Investigation

Contact Hours: 3-9 other

Grade Mode: Standard Letter

NEUR 40385 CURRENT TOPICS IN NEUROSCIENCE 3 Credit Hours

(Cross-listed with BSCI 40385)(Slashed with BSCI 50385 and BSCI 70385)

This is a discussion- and readings-based course that focuses on cellular and molecular mechanisms underpinning functions of the central nervous system. Topics covered include synaptic plasticity; neuron-glia interactions; gene-environment interactions involved in learning, memory and disease; big data in neuroscience; and more. During this course, students develop knowledge and understanding of communication between brain cells; how gene-environment interactions impact learning and memory, behavior and disease; and modern techniques used in neuroscience research. Students read, summarize and discuss primary research papers in the context of neuroscience-related topics.

Prerequisite: BSCI 30140.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

NEUR 40429 NEURAL CONTROL OF REPRODUCTIVE FUNCTION 2 Credit Hours

(Cross-listed with BSCI 40429) (Slashed with BSCI 50429 and BSCI 70429) Course explores the role of the brain in regulating functions that are essential to ensure successful reproduction. Topics covered include an overview of the endocrine and neuroendocrine systems involved in reproduction, as well as regulation of puberty, fertility, pregnancy and lactation. The course also explores disorders, such as polycystic ovary syndrome, affecting the central regulation of reproduction.

Prerequisite: BSCI 30130 or BSCI 40430 or NEUR 30100.

Schedule Type: Lecture

Contact Hours: 2 lecture

Grade Mode: Standard Letter

NEUR 47387 NEUROPSYCHOPHARMACOLOGY 3 Credit Hours
 (Cross-listed with PSYC 47387) Neuropsychopharmacology is the study of how drugs and other chemicals affect brain and behavior. This course introduces students to the behavioral effects of psychoactive therapeutic drugs and neurotoxic chemicals in relation to their neural and molecular mechanisms of action. Covers general principles of neuropsychopharmacology; nervous system structure in relation to behavior and mind, brain and behavioral systems that are affected by different classes of drugs and toxic chemicals; and methods employed in neuropsychopharmacology research.
Prerequisite: PSYC 11762.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

Psychology (PSYC)

PSYC 11762 GENERAL PSYCHOLOGY (KSS) 3 Credit Hours
 Introduction to the scientific approach to understanding human behavior and mental processes such as emotions, perceptions and cognitions. Topics may include personality, social and environmental factors, biological aspects of behavior and the experience of emotion and psychological disorders.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: Kent Core Social Sciences, TAG Social and Behavioral Sciences, Transfer Module Social Sciences

PSYC 20651 CHILD PSYCHOLOGY (KSS) 3 Credit Hours
 Course explores theories and processes related to child development. The course expands students' knowledge of general psychology by focusing on physical, emotional, cognitive and social development from conception through adolescence. This course is required for the child psychology concentration, and is particularly valuable for students pursuing graduate school or careers involving work with children and families.
Prerequisite: PSYC 11762.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: Kent Core Social Sciences, TAG Social and Behavioral Sciences, Transfer Module Social Sciences

PSYC 21211 PSYCHOLOGY OF EVERYDAY LIFE (KSS) 3 Credit Hours
 Course provides a review of theories, concepts and research findings that contribute to the understanding of human adjustment. Sample topics include technology, personality, stress and coping, relationships, psychological disorders and psychotherapy.
Prerequisite: PSYC 11762.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: Kent Core Social Sciences, Transfer Module Social Sciences

PSYC 21621 QUANTITATIVE METHODS IN PSYCHOLOGY I 3 Credit Hours
 Course provides an introduction to quantitative (statistical) methods for psychology and related sciences. This course provides students with the skills to read, interpret and compute a variety of statistics. The aim is to make students more statistically literate and, therefore, more informed critical consumers of quantitative research for the psychological sciences and related disciplines. Students learn fundamental concepts related to the use of quantitative methods for research. This includes descriptive and inferential statistical methods (ANOVA, t-test and correlation), as well as the application of statistics to real-world situations, such as the evaluation of intervention effectiveness. Statistical literacy is an essential tool/skill for evaluating research for psychology and other sciences.
Prerequisite: PSYC 11762.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

PSYC 30005 CAREER PATHWAYS IN PSYCHOLOGY 1 Credit Hour
 Course is designed to equip students with a better understanding of the career pathways available to them. There are two approaches: (1) to learn about careers available at the bachelor's level, and (2) for students who may intend to pursue graduate study to learn about graduate school. Students who major in psychology pursue graduate work within many fields, including medicine, law, business, counseling, social work, higher education administration and psychology. Within psychology, there are many subdisciplines at the master's and doctoral level, including clinical, health, school, cognitive, social, forensic, industrial/organizational, counseling and more. Using a combination of videos, articles and activities, students learn about many different topics and strategies related to careers and the graduate school application process.
Prerequisite: PSYC 11762.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

PSYC 30006 BOOSTING HAPPINESS: EXPLORING POSITIVE PSYCHOLOGICAL INTERVENTIONS 1 Credit Hour
 Students review theories of stability and change in happiness, and learn about positive psychological interventions to boost happiness and the science behind them. Students try out and reflect on different interventions and review the evidence on intervention effectiveness.
Prerequisite: PSYC 11762.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

PSYC 30111 FORENSIC PSYCHOLOGY 3 Credit Hours
 What does it mean to say that someone is a psychopath? What are the factors that help us predict someone's risk of future violence? When is someone not legally responsible for a crime they committed? When called upon by the courts to perform an evaluation, how can a psychologist defend their findings in an adversarial courtroom? This course surveys major areas of forensic psychology, which focuses on the science and practice of psychology in legal contexts. Topics include, but are not limited to, roles and responsibilities of forensic psychologists, forensic psychological assessment, psychological theories of criminal behavior and civil commitment.
Prerequisite: PSYC 11762.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

PSYC 30232 SCIENCE OF WELL-BEING 3 Credit Hours

What makes people happy? Does money buy happiness or do unhappy people not know where to shop? Does marriage make men happier and women unhappier? Is using social media harmful or beneficial for well-being? Can well-being be increased? This course reviews the scientific evidence regarding these and other questions about the determinants of happiness from an interdisciplinary perspective (psychology, economics, philosophy). Corequisites:

Prerequisite: PSYC 11762.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 30651 ADOLESCENT PSYCHOLOGY 3 Credit Hours

Course covers the theories, concepts and research findings that contribute to the understanding of the physical, intellectual, educational, personality and social development of adolescents in contemporary society.

Prerequisite: PSYC 11762.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

Attributes: TAG Social and Behavioral Sciences

PSYC 30652 SOCIAL AND PERSONALITY DEVELOPMENT 3 Credit Hours

Processes and findings in social and personality development, with a focus on childhood and adolescence. Students examine individual differences, as well as developmental changes, in social function and personality.

Prerequisite: HDF 24012 or PSYC 20651; and PSYC 11762.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 30655 CHILDREN'S THINKING 3 Credit Hours

Focuses on how children's cognitive processes and mental representations change from infancy to early adulthood. Theoretical claims, empirical findings and methodological issues are critically evaluated. Topics include children's visual and auditory perception, language and literacy, learning and memory, mathematical and spatial thinking, logical and scientific reasoning, problem solving, theory of mind and social cognition.

Prerequisite: HDF 24012 or PSYC 20651; and PSYC 11762.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 30656 PSYCHOLOGY OF AGING 3 Credit Hours

Exploration of basic research and theory covering the psychological consequences of aging and psychological factors that affect the behavior of older persons.

Prerequisite: PSYC 11762.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 30821 PSYCHOLOGY OF MOTIVATION 3 Credit Hours

Course explores motivation as it relates to performance, achievement, education, learning and the broader topic of motivation and optimal experiences. It includes an overview of motivational theory and what motivation means in relation to human beings in general, and more specifically in the context of achievement and education. It also covers research articles and other sources to explore the efficacy of motivation theories to explain achievement. Theories reviewed include expectancy by value theory, social cognitive theory, intrinsic motivation, attribution theory and achievement theory. It also covers more recent applications of cognitive motivational approaches such as Dweck's Theory of Intelligence.

Prerequisite: PSYC 11762.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 30822 SPORT PSYCHOLOGY 3 Credit Hours

Course provides an introduction to numerous aspects of sport psychology. Topics include the use of psychological theories and interventions within sport and performance settings. It can include topics such as performance anxiety, maintaining focus under pressure, motivation and leadership, among others.

Prerequisite: PSYC 11762.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 31141 PERCEPTION 3 Credit Hours

Course investigates how humans detect, organize and interpret information from the environment. It considers how both biological and psychological process create and influence our perception of the world.

Prerequisite: PSYC 11762.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 31282 PERSONALITY 3 Credit Hours

Course offers an in-depth exploration of personality psychology, examining the primary frameworks for conceptualizing personality traits and individual differences (such as the Big Five traits); research methods; and current topics about understanding individual differences in human behavior, thought and emotion. Students investigate how personality is assessed; how people judge the personalities of themselves and others; personality processes; stability and change in personality; developmental patterns of personality traits; environmental, cultural and genetic influences on personality; and consequences of personality within domains such as health, work and relationships. Students have a chance to learn about and reflect on their own personality throughout the course.

Prerequisite: PSYC 11762.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

Attributes: TAG Social and Behavioral Sciences

PSYC 31498 UNDERGRADUATE RESEARCH (ELR) 1-6 Credit Hours

(Repeatable for credit) Individual research open to qualified students.

Prerequisite: PSYC 11762; and special approval.

Schedule Type: Research

Contact Hours: 3-18 other

Grade Mode: Satisfactory/Unsatisfactory-IP

Attributes: Experiential Learning Requirement

PSYC 31532 SOCIAL PSYCHOLOGY 3 Credit Hours

Course provides a thorough introduction to social psychology, the scientific study of how individuals think, feel and behave in social situations. Students explore the fundamental theories, research methods and key findings that illuminate the complex interplay between individuals and their social environments. Key topics covered throughout this course may include social cognition and perception; attitudes and attitude change; social influence and persuasion; conformity, compliance and obedience; interpersonal attraction and close relationships; prosocial behavior and altruism; aggression and antisocial behavior; prejudice, stereotyping and discrimination; cultural influences on social behavior; and applied social psychology in real-world settings.

Prerequisite: PSYC 11762.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

Attributes: TAG Social and Behavioral Sciences

PSYC 31574 RESEARCH METHODS IN PSYCHOLOGY (ELR) 3 Credit Hours

Psychology is a science based on rigorous research that examines human thoughts, feelings and behaviors. This course covers the rationale, logic and procedures of scientific research in psychology, with an emphasis on measurement, causal inference and research design. One goal of this course is providing students with the skills to be good consumers of research. Many of the skills learned throughout this course apply to research within many fields.

Prerequisite: PSYC 11762 and PSYC 21621.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

Attributes: Experiential Learning Requirement

PSYC 31684 QUANTITATIVE METHODS IN PSYCHOLOGY II 3 Credit Hours

Course builds on PSYC 21621 to cover additional quantitative (statistical) methods of psychology and related sciences. Topics may include small sample theory, analysis of variance, linear regression and nonparametric statistics (e.g. chi-square). The course may include qualitative and computer-based data analyses using statistical software.

Prerequisite: PSYC 21621.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 31773 INDUSTRIAL PSYCHOLOGY 3 Credit Hours

Course introduces students to principles, facts and theories of psychology applied to people at work. This course is sometimes called industrial-organizational (I/O) psychology, which is a field that applies psychological principles to the workplace. The focus of this course is developing a conceptual and applied understanding regarding motivation and satisfaction at work, personnel selection and placement, training and development, performance appraisal, organizational development, quality of work life, ergonomics and consumer psychology.

Prerequisite: PSYC 11762.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 40111 PSYCHOPATHOLOGY 3 Credit Hours

Course surveys the definitions and biological, psychological and sociocultural causes of various psychological disorders. Historically, this course has been called and is equivalent to abnormal psychology. The psychological disorders covered include mood disorders (e.g., depression, bipolar disorder) and anxiety, obsessive-compulsive and related disorders. The course incorporates illustrations of these disorders using case studies. Overview of treatment approaches to these disorders may be included.

Prerequisite: PSYC 11762.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

Attributes: TAG Social and Behavioral Sciences

PSYC 40112 PSYCHOLOGICAL DISORDERS OF CHILDHOOD AND ADOLESCENCE 3 Credit Hours

Course covers the biological, psychological and sociocultural factors influencing the development of psychological disorders in children and adolescents such as neurodevelopmental, mood and anxiety disorders. Emphasis is placed on conceptual and research issues and the application of knowledge to understanding diagnosis and case studies of specific disorders.

Prerequisite: PSYC 11762; and HDF 24012 or PSYC 20651 or PSYC 30651; and junior standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 40115 THE PSYCHOBIOLOGY OF LOVE AND WAR 3 Credit Hours

How does our biology conspire towards certain social outcomes? How might tiny molecules coursing through our veins help bring us together and tear us apart? This course covers psychological and neuroscientific research on the subtle and not-so-subtle influence of hormones on the pro- and anti-social ways in which we behave. Specifically, the course explores the relationships between long- and short-term exposure to particular hormones and behaviors that emerge in the contexts of attraction and mating, affiliation, aggression, dominance and threats to safety and security. This content will be presented alongside both the basic anatomy and physiology of the endocrine system and representative empirical research that has led to important discoveries.

Prerequisite: PSYC 11762.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 40231 PSYCHOLOGICAL ASSESSMENT 3 Credit Hours

Course examines the methods psychologists use to develop assessment tools and determine whether these tools are beneficial. It also reviews the various types of psychological tests available, the most popular tests in use today and some of the challenges and controversies surrounding the assessment process. This course is particularly valuable for students interested in clinical psychology or forensic psychology.

Prerequisite: PSYC 11762 and PSYC 21621.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 40382 PEDIATRIC PSYCHOLOGY 3 Credit Hours

(Slashed with PSYC 50382 and PSYC 70382) Survey of the current topics and research for the field of pediatric (or child health) psychology. Includes a general overview of a number of pediatric psychology topics, including opportunities for more focused study of specific conditions and illnesses. Class sessions cover a mix of general issues (e.g., systems, adherence, diversity, stress and coping), descriptions of clinical roles for pediatric psychology (e.g., consultation liaison, multidisciplinary teams) and specific pediatric conditions with a focus on understanding the role of pediatric psychology.

Prerequisite: PSYC 20651 and PSYC 31574.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 40383 INTRODUCTION TO CLINICAL PSYCHOLOGY 3 Credit Hours

Course provides a foundational overview of clinical psychology, introducing students to the principles, practices and challenges of the field. It explores the application of psychological theories and evidence-based techniques to understand, assess and treat various psychological disorders and promote mental health. The course includes models of understanding abnormal behavior, treatment of individuals and ethics and professional issues of clinical psychology.

Prerequisite: PSYC 11762.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 40445 COGNITIVE PSYCHOLOGY 3 Credit Hours

Cognitive psychology is a survey of the study of human attention, memory and thinking. This course addresses a variety of topics, including selective attention, short-term and long-term memory, encoding and retrieval processes, problem solving, language and many others.

Although these represent a diverse set of topics, this course connects them with common themes and questions, such as "How does the human mind operate?" and "How do limitations of the human mind impact our success in life?" For each topic, the course covers the nature of the problem to be studied and methods that have been used to investigate it. The course primarily explores scientific theories – that is, explanations for human behavior with respect to each topic covered – but may also cover questions of general public interest relevant to everyday life, such as "Can you train your brain by playing games?" and "How good is eyewitness testimony?"

Prerequisite: PSYC 11762.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 40446 COGNITIVE NEUROSCIENCE 3 Credit Hours

Covers the cognitive and neural processes that underlie vision, attention, spatial processing, memory, language, social processes, executive functioning and action. Introduces basic brain structure and the behavioral and functional imaging techniques used to study the brain bases of cognition. Data from patients with neurological disorders such as Alzheimer's, aphasia and amnesia are also examined.

Prerequisite: PSYC 11762.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 40461 PSYCHOLOGY OF LANGUAGE 3 Credit Hours

Investigates psychological processes involved with language production, comprehension and development. Within each broad area, the emphasis is on theories; psychological experiments; key findings; and the relationships between theory, method and data.

Prerequisite: PSYC 11762 and PSYC 40445.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 40625 DEVELOPMENT OF GENDER ROLE AND IDENTITY 3 Credit Hours

A life-span, developmental model is used to analyze the changes that occur with age in gender-related role performance and identity formation.

Prerequisite: PSYC 11762.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 41043 BASIC LEARNING PROCESSES 3 Credit Hours

Throughout the course of history, humans have wondered how we come to know things. The purpose of this course is to impart to students the information that researchers have gathered that attempts to answer this age-old question. Throughout the semester, the course covers topics such as Pavlovian conditioning, instrumental (operant) learning, memory and cognition, all of which are as integral to our lives as eating and breathing. As a bonus, students have the opportunity to learn critical thinking as well as increase their understanding of the nature of the scientific process.

Prerequisite: PSYC 11762.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 41363 BIOPSYCHOLOGY 3 Credit Hours

Rigorous course covering the relationship between brain and behavior at the physiological, chemical and anatomical levels. Focuses on the association between the central nervous system and various processes and behaviors such as learning, emotions, neurological disorders and psychopathology. Students with no background of or coursework covering biological science should plan to devote considerable time to mastering the relevant concepts for this course (e.g., structure and function of neurons).

Prerequisite: PSYC 11762; and sophomore standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 41364 DRUGS AND BEHAVIOR 3 Credit Hours

Provides an overview of drug taking in society, the actions of drugs in the body and the effects of drugs on behavior. Focus is on drugs and the nervous system; psychopharmacology; and actions and side effects of such drugs as alcohol, opiates, stimulants, marijuana, hallucinogens, depressants and performance-enhancing drugs. Particular focus is on medications for psychiatric disorders; abuse potential; and the causes of addiction, dependence and relapse.

Prerequisite: PSYC 11762.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 41395 SPECIAL TOPICS IN CHILD PSYCHOLOGY 3 Credit Hours

(Repeatable for credit)(Slashed with PSYC 51395 and PSYC 71395) In-depth examination of particular topics of current interest to faculty and students. Specialized areas of child psychology. Specific topic varies per course offering.

Prerequisite: None.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 41492 INTERNSHIP IN PSYCHOLOGY (ELR) 1-6 Credit Hours

(Repeatable for credit) Application of psychological knowledge and skills in applied settings. Allows academic credit for participation as an intern at approved internship sites, including social service, non-profit agencies, government agencies and hospital settings.

Prerequisite: 9 credit hours of psychology courses; and minimum 3.000 overall GPA; and psychology major; and junior standing; and special approval.

Schedule Type: Practical Experience

Contact Hours: 3-18 other

Grade Mode: Satisfactory/Unsatisfactory-IP

Attributes: Experiential Learning Requirement

PSYC 41495 SPECIAL TOPICS IN PSYCHOLOGY 1-3 Credit Hours

(Repeatable for credit) In-depth examination of particular topics of current interest to faculty and students. Specialized areas of research theory or methodology may be covered. Specific topics announced.

Prerequisite: PSYC 11762.

Schedule Type: Lecture

Contact Hours: 1-3 lecture

Grade Mode: Standard Letter

PSYC 41496 INDIVIDUAL INVESTIGATION (ELR) 1-6 Credit Hours

(Repeatable for credit) Involves participation in empirical research, review of psychological literature and preparation of a paper or annotated bibliography.

Prerequisite: PSYC 11762; and special approval.

Schedule Type: Individual Investigation

Contact Hours: 3-18 other

Grade Mode: Standard Letter-IP

Attributes: Experiential Learning Requirement

PSYC 41573 LABORATORY EXPERIENCE IN PSYCHOLOGICAL RESEARCH: SOCIAL/CLINICAL (WIC) 3 Credit Hours

(Repeatable for credit) Intensive experience in the conduct, analysis and reporting of empirical research in social or clinical psychology. Specific content varies with instructor.

Prerequisite: PSYC 11762 and PSYC 21621 and PSYC 31574; and minimum 3.200 overall GPA.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

Attributes: Writing Intensive Course

PSYC 41574 LABORATORY EXPERIENCE IN PSYCHOLOGICAL RESEARCH: COGNITIVE/LEARNING (WIC) 3 Credit Hours

(Repeatable for credit) Intensive experience in the conduct, analysis and reporting of empirical research in cognitive psychology or human/animal learning. Specific content varies with instructor.

Prerequisite: PSYC 11762 and PSYC 21621 and PSYC 31574; and minimum 3.200 overall GPA; and special approval.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

Attributes: Writing Intensive Course

PSYC 41581 HEALTH PSYCHOLOGY 3 Credit Hours

Course provides a broad overview of the field of health psychology. Health psychology is an exciting field of study that examines the bi-directional relationship between psychology and health: How can psychology be used to understand and improve health, and how does our health influence how we think, feel and behave? The main goals of the course are to 1) provide an overview of basic theory and research of health psychology, 2) examine specific contributions of health psychology to understanding acute and chronic diseases, 3) analyze the role of psychology in preventing illness and promoting wellness, and 4) illustrate how principles of health psychology may be applied to everyday life.

Prerequisite: PSYC 11762.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 41584 THE PSYCHOLOGY OF EXERCISE 3 Credit Hours

Provides an introduction to exercise psychology, which is the application of psychology to promote, maintain, enhance and explain the parameters of exercise. Course introduces students to the cutting-edge research and practical application of exercise psychology. Topics include the use of psychological theory to predict adoption and adherence to exercise behavior; social and personality influences on exercise behavior; research about the effectiveness of various exercise interventions; and consequences of exercise, including mental health states such as depression and anxiety, emotional well-being, self-esteem, self-concept, health-related quality of life and cognition.

Prerequisite: PSYC 11762.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 41595 SPECIAL TOPICS IN COUNSELING CAREERS 3 Credit Hours

(Repeatable for credit)(Slashed with PSYC 51595 and PSYC 71595) In-depth examination of particular topics of current interest to faculty and students. Specialized areas of psychology relevant to counseling careers. Topic varies per course offering.

Prerequisite: None.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 41901 WRITING IN PSYCHOLOGY (WIC) 1 Credit Hour

Writing-intensive course taken in conjunction with a 3-credit-hour, upper-division psychology course (may not be taken with PSYC 31498, PSYC 41498, PSYC 41573, PSYC 41574 or PSYC 41993).

Prerequisite: Special approval.

Schedule Type: Lecture

Contact Hours: 1 lecture

Grade Mode: Standard Letter

Attributes: Writing Intensive Course

PSYC 41980 RESEARCH WRITING IN PSYCHOLOGY (WIC) 1 Credit Hour

Writing-intensive course taken in conjunction with PSYC 31574.

Prerequisite: ENG 21011 or HONR 10297.

Pre/corequisite: PSYC 31574.

Schedule Type: Lecture

Contact Hours: 1 lecture

Grade Mode: Standard Letter

Attributes: Writing Intensive Course

PSYC 41993 VARIABLE TITLE WORKSHOP IN PSYCHOLOGY 1-6 Credit Hours

(Repeatable for credit) Specific topic varies per course offering.

Prerequisite: PSYC 11762; and special approval.

Schedule Type: Workshop

Contact Hours: 1-6 other

Grade Mode: Satisfactory/Unsatisfactory

PSYC 42574 ADVANCED RESEARCH METHODS 3 Credit Hours

Course helps students integrate information learned throughout previous courses, such as PSYC 31574, to better understand the process of conducting research within the field of psychology. Students gain hands-on experience with using basic statistical analyses to answer hypotheses, reviewing scientific literature and generating hypotheses, testing hypotheses using a dataset and presenting research findings.

Prerequisite: PSYC 31574; and minimum 3.200 overall GPA.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 43001 CLINICAL NEUROANATOMY 3 Credit Hours

(Slashed with PSYC 53001 and PSYC 73001) Course examines the anatomical organization of the human brain, emphasizing functional aspects of various neural systems, neuroimaging and topics of clinical relevance. Students must have a conceptual understanding of central nervous system organization and memorization of specific neural structures and pathways, as well as knowledge of the impact of structure and systems dysfunction.

Prerequisite: Minimum 3.250 overall GPA; and junior standing; and special approval.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 47385 BROKEN BRAINS: INTRODUCTION TO CLINICAL NEUROPSYCHOLOGY 3 Credit Hours

Clinical neuropsychology is the study of brain-behavior relationships or the ways in which the brain allows people to think, feel and behave in their everyday life. Course introduces students to cutting-edge research into the inner workings of the brain in both healthy individuals and those with neurological disorders (e.g. Alzheimer's disease, brain injury, ADHD, bipolar disorder). Topics include organization of the brain; how people learn, pay attention and solve problems; brain plasticity; neurological disorders; and neuropsychological assessment.

Prerequisite: PSYC 11762.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 47387 NEUROPSYCHOPHARMACOLOGY 3 Credit Hours

(Slashed with PSYC 57387 and PSYC 77387) (Cross-listed with NEUR 47387) Neuropsychopharmacology is the study of how drugs and other chemicals affect brain and behavior. Course introduces students to the behavioral effects of psychoactive therapeutic drugs and neurotoxic chemicals in relation to their neural and molecular mechanisms of action. Covers general principles of neuropsychopharmacology; nervous system structure in relation to behavior and mind, brain and behavioral systems that are affected by different classes of drugs and toxic chemicals; and methods employed in neuropsychopharmacology research.

Prerequisite: PSYC 11762.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 50382 PEDIATRIC PSYCHOLOGY 3 Credit Hours

(Slashed with PSYC 40382 and PSYC 70382) Survey of the current topics and research for the field of pediatric (or child health) psychology. Includes a general overview of a number of pediatric psychology topics, including opportunities for more focused study of specific conditions and illnesses. Class sessions cover a mix of general issues (e.g., systems, adherence, diversity, stress and coping), descriptions of clinical roles for pediatric psychology (e.g., consultation liaison, multidisciplinary teams) and specific pediatric conditions with a focus on understanding the role of pediatric psychology.

Prerequisite: Graduate standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 51395 SPECIAL TOPICS IN CHILD PSYCHOLOGY 3 Credit Hours

(Repeatable for credit)(Slashed with PSYC 41395 and PSYC 71395) In-depth examination of particular topics of current interest to faculty and students. Specialized areas of child psychology. Specific topic varies per course offering.

Prerequisite: Graduate standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 51595 SPECIAL TOPICS IN COUNSELING CAREERS 3 Credit Hours

(Repeatable for credit)(Slashed with PSYC 41595 and PSYC 71595) In-depth examination of particular topics of current interest to faculty and students. Specialized areas of psychology relevant to counseling careers. Topic varies per course offering.

Prerequisite: Graduate standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 51993 VARIABLE TITLE WORKSHOP IN PSYCHOLOGY 1-6 Credit Hours

(Repeatable for credit) Specific topic varies per course offering.

Prerequisite: Graduate standing; and special approval.

Schedule Type: Workshop

Contact Hours: 1-6 other

Grade Mode: Satisfactory/Unsatisfactory

PSYC 53001 CLINICAL NEUROANATOMY 3 Credit Hours

(Slashed with PSYC 43001 and PSYC 73001) Course examines the anatomical organization of the human brain, emphasizing functional aspects of various neural systems, neuroimaging and topics of clinical relevance. Students must have a conceptual understanding of central nervous system organization and memorization of specific neural structures and pathways, as well as knowledge of the impact of structure and systems dysfunction.

Prerequisite: Graduate standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 57387 NEUROPSYCHOPHARMACOLOGY 3 Credit Hours

(Slashed with PSYC 47387 and PSYC 77387) Neuropsychopharmacology is the study of how drugs and other chemicals affect brain and behavior. Course introduces students to the behavioral effects of psychoactive/therapeutic drugs and neurotoxic chemicals in relation to their neural and molecular mechanisms of action. Covers general principles of neuropsychopharmacology; nervous system structure in relation to behavior and mind, brain and behavioral systems that are affected by different classes of drugs and toxic chemicals; and methods employed in neuropsychopharmacology research.

Prerequisite: Graduate standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 60105 DEVELOPMENTAL PSYCHOPATHOLOGY 3 Credit Hours

(Slashed with PSYC 70105) Nature and theoretical explanations of various forms of psychopathology in children and adults. Students learn about the methods used to research psychopathology and understand contemporary controversies in the study of developmental psychopathology.

Prerequisite: Clinical psychology or psychological science major; and graduate standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 60192 INTEGRATION PRACTICUM 1-3 Credit Hours

(Repeatable for credit) Integration of assessment, psychopathology and psychotherapy coursework. Emphasis on learning how to conceptualize cases in general and from differing theoretical perspectives.

Prerequisite: PSYC 60292 and PSYC 60792; and clinical psychology or psychological science major; and graduate standing.

Schedule Type: Lecture, Practical Experience

Contact Hours: 3-9 other

Grade Mode: Satisfactory/Unsatisfactory-IP

PSYC 60272 INTRODUCTION TO PSYCHOLOGICAL ASSESSMENT 3 Credit Hours

(Slashed with PSYC 70272) Introduction to psychological assessment as a process for solving important clinical problems. Theoretical methodological and research issues are emphasized. Students become familiar with major psychological tests.

Prerequisite: Clinical psychology or psychological science major; and graduate standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 60273 ADVANCED PSYCHOLOGICAL ASSESSMENT 3 Credit Hours

(Slashed with PSYC 70273) Examines psychodiagnosis within a context of "personality-as-a-coherent-whole." Emphasizes an ideographic approach with a theoretical framework, which organizes and gives meaning to observations.

Prerequisite: PSYC 60272; and clinical psychology or psychological science major; and graduate standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 60274 ADVANCED PSYCHOLOGICAL ASSESSMENT: CHILD 3 Credit Hours

(Slashed with PSYC 70274) Interviewing, developmental and intellectual assessments, personality evaluations, behavioral assessments and assessment of special-child populations. Emphasis on the rationale and integration of research relevant to appropriate use and interpretation.

Prerequisite: PSYC 60272 and PSYC 60292; and clinical psychology or psychological science major; and graduate standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 60276 NEUROPSYCHOLOGICAL ASSESSMENT 3 Credit Hours

(Slashed with PSYC 70276) Introduction to the conceptual foundations of neuropsychological assessment and practical knowledge in assessment procedures, methods of interpretation and differential diagnosis.

Prerequisite: Clinical psychology or psychological science major; and graduate standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 60292 PSYCHOLOGICAL ASSESSMENT PRACTICUM 1-3 Credit Hours

(Repeatable for credit) Applied aspects of material presented in PSYC 60272. Emphasis on administering, scoring and interpreting major assessment tools.

Prerequisite: Clinical psychology or psychological science major; and graduate standing.

Corequisite: PSYC 60272.

Schedule Type: Practical Experience

Contact Hours: 3-9 other

Grade Mode: Satisfactory/Unsatisfactory-IP

PSYC 60324 PROFESSIONAL ISSUES AND ETHICS IN CLINICAL PSYCHOLOGY 3 Credit Hours

(Slashed with PSYC 70324) Review of professional concerns in the field, including training, ethics, client rights, economics, legal issues, relationship to other professions and professional organization and policy.

Prerequisite: Clinical psychology or psychological science major; and graduate standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 60371 INTRODUCTION TO PSYCHOLOGICAL THERAPY 3 Credit Hours

(Slashed with PSYC 70371) Introduction to psychotherapy, with special emphasis on psychodynamic and phenomenological approaches with theory, technique and major research findings considered.

Prerequisite: Clinical psychology or psychological science major; and graduate standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 60375 COGNITIVE BEHAVIOR THERAPY 3 Credit Hours

(Slashed with PSYC 70375) Empirical and clinical aspects of cognitive and behavioral interventions. Intended for students familiar with basic psychotherapy assessment and psychopathology issues.

Prerequisite: PSYC 60371 and PSYC 60292; and clinical psychology or psychological science major; and graduate standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 60376 CHILD PSYCHOTHERAPY 3 Credit Hours

(Slashed with PSYC 70376) Consideration of various aspects of child psychotherapy, including general issues, traditional therapies, behavior and cognitive behavior therapies and child therapy research. Emphasis on integration of theory, technique and research.

Prerequisite: PSYC 60371; and clinical psychology or psychological science major; and graduate standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 60395 ADVANCED TOPICS IN CLINICAL PSYCHOLOGY 1-4 Credit Hours

(Slashed with PSYC 70395)(Repeatable for credit) Advanced-level consideration of selected content areas in assessment, psychotherapy psycho pathology professional issues and community psychology. Specific topic varies per course offering.

Prerequisite: Graduate standing; and special approval.

Schedule Type: Lecture

Contact Hours: 1-4 lecture

Grade Mode: Standard Letter

PSYC 60453 INTRODUCTION TO COGNITIVE PSYCHOLOGY 3 Credit Hours

(Slashed with PSYC 70453) Information-processing approaches to human thought. Focus on processes used to transform store manipulate and retrieve sensory input. Topics include attention pattern recognition memory and language.

Prerequisite: Clinical Psychology or Psychological Science major; and graduate standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 60592 PRACTICUM IN DIAGNOSTIC INTERVIEWING 1-3 Credit Hours

(Repeatable for credit) Covers skills clinical psychologists must possess to help clients, effectively work within the field, communicate effectively with peers and colleagues and excel as a clinical researcher. Provides a foundation of skills, knowledge and expertise necessary to competently conduct a diagnostic interview, and provides an introduction to the process of conceptualize a client's presenting problem(s).

Prerequisite: Clinical psychology or psychological science major; and graduate standing.

Schedule Type: Practical Experience

Contact Hours: 3-9 other

Grade Mode: Standard Letter-IP

PSYC 60792 PSYCHOTHERAPY PRACTICUM 1-3 Credit Hours

(Repeatable for credit) Basic training in applied aspects of psychotherapy. Through didactic and experiential methods, students learn basic listening and communication skills that are then applied to specific techniques, situations and issues.

Prerequisite: Clinical psychology or psychological science major; and graduate standing.

Corequisite: PSYC 60371.

Schedule Type: Practical Experience

Contact Hours: 3-9 other

Grade Mode: Satisfactory/Unsatisfactory-IP

PSYC 60895 ADVANCED TOPICS IN EXPERIMENTAL PSYCHOLOGY 1-6 Credit Hours

(Repeatable for credit)(Slashed with PSYC 70895) Advanced-level consideration of selected content areas in experimental psychology. Specific topic varies per course offering.

Prerequisite: Graduate standing; and special approval.

Schedule Type: Lecture

Contact Hours: 1-6 lecture

Grade Mode: Standard Letter

PSYC 61054 LEARNING AND CONDITIONING 3 Credit Hours

(Slashed with PSYC 71054) Introduction to basic conditioning processes. Emphasis on Pavlovian and instrumental learning phenomena particularly as these are exemplified in animal models of behavior.

Prerequisite: Clinical psychology or psychological science major; and graduate standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 61199 THESIS I 2-6 Credit Hours

Thesis students must register for a total of 6 hours, 6 to 18 hours in a single semester distributed over several semesters if desired.

Prerequisite: Graduate standing; and special approval.

Schedule Type: Masters Thesis

Contact Hours: 6-18 other

Grade Mode: Satisfactory/Unsatisfactory-IP

PSYC 61299 THESIS II 2 Credit Hours

Thesis students must continue registration each semester until all degree requirements are met.

Prerequisite: PSYC 61199; and graduate standing.

Schedule Type: Masters Thesis

Contact Hours: 2 other

Grade Mode: Satisfactory/Unsatisfactory-IP

PSYC 61498 RESEARCH 1-6 Credit Hours

(Repeatable for credit) Research or individual investigation. Credits may be applied toward meeting degree requirements with department approval and when satisfactory grade is given.

Prerequisite: Graduate standing; and special approval.

Schedule Type: Research

Contact Hours: 3-18 other

Grade Mode: Satisfactory/Unsatisfactory-IP

PSYC 61548 PSYCHOLOGY OF GENDER AND MINORITIES 3 Credit Hours

(Slashed with PSYC 71548) Neurophysiological, neurochemical and neuroanatomical factors in the control of cognitive processes motivation and behavior. Emphasis is on the broad coverage of major topics in the field.

Prerequisite: Clinical psychology or psychological science major; and graduate standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 61580 SOCIAL PSYCHOLOGY 3 Credit Hours

(Slashed with PSYC 71580) Introduction to empirical research and theories on the psychological processes related to interpersonal and small group behavior.

Prerequisite: Clinical psychology or psychological science major; and graduate standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 61651 QUANTITATIVE STATISTICAL ANALYSIS I 3 Credit Hours

(Slashed with PSYC 71651) Review of univariate statistics and an introduction to using bivariate and multivariate statistics. Part one of a two-semester sequence on statistical analysis.

Prerequisite: Clinical psychology or psychological science major; and graduate standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 61654 QUANTITATIVE STATISTICAL ANALYSIS II 3 Credit Hours

(Slashed with PSYC 71654) Multivariate statistics for classifying individuals and variables. Additional topics include power/effect size and handling missing data. Part two of a two-semester sequence on statistical analysis.

Prerequisite: Clinical psychology or psychological science major; and graduate standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 61685 CLINICAL RESEARCH METHODS 3 Credit Hours

(Slashed with PSYC 71685) Consideration of research methodologies relevant to clinical psychology, with emphasis on strengths and weaknesses of research designs and issues related to collection and evaluation of data.

Prerequisite: Clinical psychology or psychological science major; and graduate standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 61993 VARIABLE TITLE WORKSHOP IN PSYCHOLOGY 1-6 Credit Hours

(Repeatable for credit) Workshop topic varies per course offering.

Prerequisite: Clinical psychology or psychological science major; and graduate standing.

Schedule Type: Workshop

Contact Hours: 1-6 other

Grade Mode: Satisfactory/Unsatisfactory

PSYC 62392 CLINICAL PRACTICUM 1-3 Credit Hours

(Repeatable for credit) Beginning practicum in psychological clinic involving selection, administration and evaluation of tests of ability and personality.

Prerequisite: Graduate standing; and special approval.

Schedule Type: Practical Experience

Contact Hours: 3-9 other

Grade Mode: Satisfactory/Unsatisfactory-IP

PSYC 62492 CLINICAL SUPERVISION AND CONSULTATION 1-3 Credit Hours

(Repeatable for credit) (Slashed with PSYC 72492) Intensified experience in the diagnosis and treatment of specific disorders from the scientist-practitioner model.

Prerequisite: PSYC 60192 and PSYC 60292 and PSYC 60792; and clinical psychology or psychological science major; and graduate standing.

Schedule Type: Practical Experience

Contact Hours: 3-9 other

Grade Mode: Satisfactory/Unsatisfactory

PSYC 62685 RESEARCH METHODS IN PSYCHOLOGICAL SCIENCE 3 Credit Hours

(Slashed with PSYC 72685) Course fosters the development of graduate students as independent researchers by helping them acquire knowledge of and facility with quantitative research methods in psychology. The course covers a range of topics that are essential for successful research in psychology, including formulating research questions, measurement, research design, sampling, ethics, writing, replication and validity.

Prerequisite: Clinical psychology or psychological science major; and graduate standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 70105 DEVELOPMENTAL PSYCHOPATHOLOGY 3 Credit Hours

(Slashed with PSYC 60105) Nature and theoretical explanations of various forms of psychopathology in children and adults. Students learn about the methods used to research psychopathology and understand contemporary controversies in the study of developmental psychopathology.

Prerequisite: Clinical psychology or psychological science major; and doctoral standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 70192 INTEGRATION PRACTICUM 1-3 Credit Hours

(Repeatable for credit) Integration of assessment, psychopathology and psychotherapy coursework. Emphasis on learning how to conceptualize cases in general and from differing theoretical perspectives.

Prerequisite: PSYC 70292 and PSYC 70792; and clinical psychology or psychological science major; and doctoral standing.

Schedule Type: Practical Experience

Contact Hours: 3-9 other

Grade Mode: Satisfactory/Unsatisfactory-IP

PSYC 70272 INTRODUCTION TO PSYCHOLOGICAL ASSESSMENT 3 Credit Hours

(Slashed with PSYC 60272) Introduction to psychological assessment as a process for solving important clinical problems. Theoretical methodological and research issues are emphasized. Students become familiar with major psychological tests.

Prerequisite: Clinical psychology or psychological science major; and doctoral standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 70273 ADVANCED PSYCHOLOGICAL ASSESSMENT 3 Credit Hours

(Slashed with PSYC 60273) Examines psychodiagnosis within a context of "personality-as-a-coherent-whole." Emphasizes an ideographic approach with a theoretical framework, which organizes and gives meaning to observations.

Prerequisite: PSYC 70272; and clinical psychology or psychological science major; and doctoral standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 70274 ADVANCED PSYCHOLOGICAL ASSESSMENT: CHILD 3 Credit Hours

(Slashed with PSYC 60274) Interviewing, developmental and intellectual assessments, personality evaluations, behavioral assessments and assessment of special-child populations. Emphasis on the rationale and integration of research relevant to appropriate use and interpretation.

Prerequisite: PSYC 70272 and PSYC 70292; and clinical psychology or psychological science major; and doctoral standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 70276 NEUROPSYCHOLOGICAL ASSESSMENT 3 Credit Hours

(Slashed with PSYC 60276) Introduction to the conceptual foundations of neuropsychological assessment and practical knowledge in assessment procedures, methods of interpretation and differential diagnosis.

Prerequisite: Clinical psychology or psychological science major; and doctoral standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 70292 PSYCHOLOGICAL ASSESSMENT PRACTICUM 1-3 Credit Hours

(Repeatable for credit) Applied aspects of material presented in PSYC 70272. Emphasis on administering, scoring and interpreting major assessment tools.

Prerequisite: Clinical psychology or psychological science major; and doctoral standing.

Corequisite: PSYC 70272.

Schedule Type: Practical Experience

Contact Hours: 3-9 other

Grade Mode: Satisfactory/Unsatisfactory-IP

PSYC 70324 PROFESSIONAL ISSUES AND ETHICS IN CLINICAL PSYCHOLOGY 3 Credit Hours

(Slashed with PSYC 60324) Review of professional concerns in the field, including training, ethics, client rights, economics, legal issues, relationship to other professions and professional organization and policy.

Prerequisite: Clinical psychology or psychological science major; and doctoral standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 70371 INTRODUCTION TO PSYCHOLOGICAL THERAPY 3 Credit Hours

(Slashed with PSYC 60371) Introduction to psychotherapy, with special emphasis on psychodynamic and phenomenological approaches with theory, technique and major research findings considered.

Prerequisite: Clinical psychology or psychological science major; and doctoral standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 70375 COGNITIVE BEHAVIOR THERAPY 3 Credit Hours

(Slashed with PSYC 60375) Empirical and clinical aspects of cognitive and behavioral interventions. Intended for students familiar with basic psychotherapy assessment and psychopathology issues.

Prerequisite: PSYC 70371 and PSYC 70292; and clinical psychology or psychological science major; and doctoral standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 70376 CHILD PSYCHOTHERAPY 3 Credit Hours

(Slashed with PSYC 60376) Consideration of various aspects of child psychotherapy, including general issues, traditional therapies, behavior and cognitive behavior therapies and child therapy research. Emphasis on integration of theory technique and research.

Prerequisite: Clinical psychology or psychological science major; and doctoral standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 70382 PEDIATRIC PSYCHOLOGY 3 Credit Hours

(Slashed with PSYC 40382 and PSYC 50382) Survey of the current topics and research for the field of pediatric (or child health) psychology. Includes a general overview of a number of pediatric psychology topics, including opportunities for more focused study of specific conditions and illnesses. Class sessions cover a mix of general issues (e.g., systems, adherence, diversity, stress and coping), descriptions of clinical roles for pediatric psychology (e.g., consultation liaison, multidisciplinary teams) and specific pediatric conditions with a focus on understanding the role of pediatric psychology.

Prerequisite: Doctoral standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 70392 SUPERVISED CLINICAL EXPERIENCE 1-3 Credit Hours

(Repeatable for credit) Post-practicum, psychological service provision and/or research activities in institution or agency under supervision of licensed psychologist and by arrangement of department of psychology.

Prerequisite: PSYC 72392; and doctoral standing; and special approval.

Schedule Type: Field Experience

Contact Hours: 3-9 other

Grade Mode: Satisfactory/Unsatisfactory-IP

PSYC 70395 ADVANCED TOPICS IN CLINICAL PSYCHOLOGY 1-4 Credit Hours

(Repeatable for credit)(Slashed with PSYC 60395) Advanced-level consideration of selected content areas in assessment, psychotherapy, psychopathology, professional issues and community psychology. Specific topic varies per course offering.

Prerequisite: Doctoral standing; and special approval.

Schedule Type: Lecture

Contact Hours: 1-4 lecture

Grade Mode: Standard Letter

PSYC 70413 COGNITIVE NEUROPSYCHOLOGY 3 Credit Hours

The effect of brain injury and anomalous neurological development on cognitive skills such as language, perception and memory are explored.

Prerequisite: Clinical psychology or psychological science major; and doctoral standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 70453 INTRODUCTION TO COGNITIVE PSYCHOLOGY 3 Credit Hours

(Slashed with PSYC 60453) Information-processing approaches to human thought. Focus on processes used to transform, store, manipulate and retrieve sensory input. Topics include attention, pattern recognition, memory and language.

Prerequisite: Clinical psychology or psychological science major; and doctoral standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 70592 PRACTICUM IN DIAGNOSTIC INTERVIEWING 1-3 Credit Hours

(Repeatable for credit) Covers skills clinical psychologists must possess to help clients, effectively work within the field, communicate effectively with peers and colleagues and excel as a clinical researcher. Provides a foundation of skills, knowledge and expertise necessary to competently conduct a diagnostic interview, and provides an introduction to the process of conceptualize a client's presenting problem(s).

Prerequisite: Clinical psychology or psychological science major; and doctoral standing.

Schedule Type: Practical Experience

Contact Hours: 3-9 other

Grade Mode: Standard Letter-IP

PSYC 70604 COGNITIVE DEVELOPMENT 3 Credit Hours

Examination of theories and research concerning changes in memory, perception, thought and language over the life span.

Prerequisite: Clinical psychology or psychological science major; and doctoral standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 70615 SOCIAL AND PERSONALITY DEVELOPMENT 3 Credit Hours

Examination of theories and research in social development, with a focus on how personal relationships influence personality development.

Prerequisite: Clinical psychology or psychological Science major; and doctoral standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 70792 PSYCHOTHERAPY PRACTICUM 1-3 Credit Hours

(Repeatable for credit) Basic training in applied aspects of psychotherapy. Through didactic and experiential methods, students learn basic listening and communication skills that are then applied to specific techniques situations and issues.

Prerequisite: Clinical psychology or psychological science major; and doctoral standing.

Schedule Type: Practical Experience

Contact Hours: 3-9 other

Grade Mode: Satisfactory/Unsatisfactory-IP

PSYC 70895 ADVANCED TOPICS IN EXPERIMENTAL PSYCHOLOGY 1-6 Credit Hours

(Repeatable for credit)(Slashed with PSYC 60895) Advanced-level consideration of selected content areas in experimental psychology. Specific topic varies per course offering.

Prerequisite: Doctoral standing; and special approval.

Schedule Type: Lecture

Contact Hours: 1-6 lecture

Grade Mode: Standard Letter

PSYC 71054 LEARNING AND CONDITIONING 3 Credit Hours
 (Slashed with PSYC 61054) Introduction to basic conditioning processes. Emphasis on Pavlovian and instrumental learning phenomena, particularly as these are exemplified in animal models of behavior.
Prerequisite: Clinical psychology or psychological science major; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

PSYC 71350 BIOLOGICAL ASPECTS OF PSYCHOLOGY 3 Credit Hours
 Neurophysiological, neurochemical and neuroanatomical factors in the control of cognitive processes motivation and behavior. Emphasis is on the broad coverage of major topics in the field.
Prerequisite: Clinical psychology or psychological science major; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

PSYC 71395 SPECIAL TOPICS IN CHILD PSYCHOLOGY 3 Credit Hours
 (Repeatable for credit)(Slashed with PSYC 41395 and PSYC 51395) In-depth examination of particular topics of current interest to faculty and students. Specialized areas of child psychology. Specific topic varies per course offering.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

PSYC 71548 PSYCHOLOGY OF GENDER AND MINORITIES 3 Credit Hours
 (Slashed with PSYC 61548) Neurophysiological, neurochemical and neuroanatomical factors in the control of cognitive processes motivation and behavior. Emphasis is on the broad coverage of major topics in the field.
Prerequisite: Clinical psychology or psychological science major; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

PSYC 71580 SOCIAL PSYCHOLOGY 3 Credit Hours
 (Slashed with PSYC 61580) Introduction to empirical research and theories on the psychological processes related to interpersonal and small group behavior.
Prerequisite: Clinical psychology or psychological science major; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

PSYC 71595 SPECIAL TOPICS IN COUNSELING CAREERS 3 Credit Hours
 (Repeatable for credit)(Slashed with PSYC 41595 and PSYC 51595) In-depth examination of particular topics of current interest to faculty and students. Specialized areas of psychology related to counseling careers. Topic varies per course offering.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

PSYC 71651 QUANTITATIVE STATISTICAL ANALYSIS I 3 Credit Hours
 (Slashed with PSYC 61651) Review of univariate statistics and an introduction to using bivariate and multivariate statistics. Part one of a two-semester sequence on statistical analysis.
Prerequisite: Clinical psychology or psychological science major; and doctoral standing; and special approval.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

PSYC 71654 QUANTITATIVE STATISTICAL ANALYSIS II 3 Credit Hours
 (Slashed with PSYC 61654) Multivariate statistics for classifying individuals and variables. Additional topics include power/effect size and handling missing data. Part two of a two-semester sequence on statistical analysis.
Prerequisite: PSYC 71651; and clinical psychology or psychological science major; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

PSYC 71685 CLINICAL RESEARCH METHODS 3 Credit Hours
 (Slashed with PSYC 61685) Consideration of research methodologies relevant to clinical psychology, with emphasis on strengths and weaknesses of research designs and issues related to collection and evaluation of data.
Prerequisite: Clinical psychology or psychological science major; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

PSYC 71894 COLLEGE TEACHING OF PSYCHOLOGY 3 Credit Hours
 (Repeatable for credit) Training and experience in college teaching.
Prerequisite: Clinical psychology or psychological science major; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Satisfactory/Unsatisfactory

PSYC 71993 VARIABLE TITLE WORKSHOP IN PSYCHOLOGY 1-6 Credit Hours
 (Repeatable for credit) Workshop topic varies per course offering.
Prerequisite: Clinical psychology or psychological science major; and doctoral standing.
Schedule Type: Workshop
Contact Hours: 1-6 other
Grade Mode: Satisfactory/Unsatisfactory

PSYC 72392 CLINICAL PRACTICUM 1-3 Credit Hours
 (Repeatable for credit)(Slashed with PSYC 62392) Beginning practicum in psychological clinic involving selection, administration and evaluation of tests of ability and personality.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Practical Experience
Contact Hours: 1-3 other
Grade Mode: Satisfactory/Unsatisfactory-IP

PSYC 72492 CLINICAL SUPERVISION AND CONSULTATION 1-3**Credit Hours**

(Repeatable for credit) (Slashed with PSYC 62492) Intensified experience in the diagnosis and treatment of specific disorders from the scientist-practitioner model.

Prerequisite: PSYC 70192 and PSYC 70292 and PSYC 70792; and clinical psychology or psychological science major; and doctoral standing.

Schedule Type: Practical Experience

Contact Hours: 3-9 other

Grade Mode: Satisfactory/Unsatisfactory

PSYC 72685 RESEARCH METHODS IN PSYCHOLOGICAL SCIENCE 3**Credit Hours**

(Slashed with PSYC 62685) Course fosters the development of graduate students as independent researchers by helping them acquire knowledge of and facility with quantitative research methods in psychology. The course covers a range of topics that are essential for successful research in psychology, including formulating research questions, measurement, research design, sampling, ethics, writing, replication and validity.

Prerequisite: Clinical psychology or psychological science major; and doctoral standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 73001 CLINICAL NEUROANATOMY 3 Credit Hours

(Slashed with PSYC 43001 and PSYC 53001) Course examines the anatomical organization of the human brain, emphasizing functional aspects of various neural systems, neuroimaging and topics of clinical relevance. Students must have a conceptual understanding of central nervous system organization and memorization of specific neural structures and pathways, as well as knowledge of the impact of structure and systems dysfunction.

Prerequisite: Doctoral standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 77387 NEUROPSYCHOPHARMACOLOGY 3 Credit Hours

(Slashed with PSYC 47387 and PSYC 57387) Neuropsychopharmacology is the study of how drugs and other chemicals affect brain and behavior. Course introduces students to the behavioral effects of psychoactive/therapeutic drugs and neurotoxic chemicals in relation to their neural and molecular mechanisms of action. Covers general principles of neuropsychopharmacology; nervous system structure in relation to behavior and mind, brain and behavioral systems that are affected by different classes of drugs and toxic chemicals; and methods employed in neuropsychopharmacology research.

Prerequisite: Doctoral standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 80391 SEMINAR IN CLINICAL PSYCHOLOGY 3 Credit Hours

(Repeatable for credit) Seminar devoted to detailed study of various topics in field of clinical psychology. Specific topic varies per course offering.

Prerequisite: Doctoral standing; and special approval.

Schedule Type: Seminar

Contact Hours: 3 other

Grade Mode: Standard Letter

PSYC 80491 SEMINAR IN COGNITIVE PSYCHOLOGY 3 Credit Hours

(Repeatable for credit) Seminar on current research in cognitive psychology. Specific topics will be announced in schedule of classes.

Prerequisite: Doctoral standing; and special approval.

Schedule Type: Seminar

Contact Hours: 3 other

Grade Mode: Standard Letter

PSYC 80501 PSYCHOMETRIC THEORY AND MEASUREMENT 3 Credit Hours

This course is designed to provide an in-depth introduction to basic elements of psychometric theory. This includes topics of scaling (for stimuli and persons), (b) classical test theory and its approach to test reliability, (c) generalizability theory and its approach to test reliability, (d) principles and procedures for investigating test validity, (e) statistical issues of using tests for selection and classification (including diagnosis), (f) approaches to item analysis including item response theory, and (g) approaches to test construction.

Prerequisite: PSYC 71651 and PSYC 71654; and doctorate standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 80502 STRUCTURAL EQUATION MODELING 3 Credit Hours

This course is designed to provide an in-depth introduction to the statistical technique of structural equation modeling (SEM). The course starts with an overview of the goals of SEM, basic terminology and conceptual issues, and basic requirements for conducting this type of analysis. Core analytic techniques (path analysis, confirmatory factor analysis, and latent variable modeling) will be discussed and conducted, and more advanced analysis techniques will also be briefly introduced. The course also involves learning the use of the statistical software MPlus.

Prerequisite: PSYC 71651 and PSYC 71654; and doctorate standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 80503 LINEAR MIXED EFFECTS MODELING 3 Credit Hours

This course is an upper-level graduate seminar intended to introduce students to the use of Hierarchical (Multilevel) Linear Models in psychological research. This class will focus on developing a thorough conceptual understanding and the ability to implement this knowledge by conducting analyses. This includes such topics as the analysis of persons nested within groups, as well as the analysis of repeated measures within persons which itself includes analysis of Ecological Momentary Assessment data and growth analyses.

Prerequisite: PSYC 61651 or PSYC 71651; and PSYC 61654 or PSYC 71654; and doctorate standing.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

PSYC 81091 SEMINAR IN LEARNING AND BIOPSYCHOLOGY 3 Credit Hours

(Repeatable for credit) Seminar on current research in learning and biopsychology. Specific topic varies per course offering.

Prerequisite: Clinical psychology or psychological science major; and doctoral standing.

Schedule Type: Seminar

Contact Hours: 3 other

Grade Mode: Standard Letter

PSYC 81199 DISSERTATION I 15 Credit Hours

(Repeatable for credit) Doctoral dissertation, for which registration in at least two semesters is required the first of which will be semester in which dissertation work is begun and continuing until the completion of 30 hours.

Prerequisite: Doctoral standing; and special approval.

Schedule Type: Dissertation

Contact Hours: 15 other

Grade Mode: Satisfactory/Unsatisfactory-IP

PSYC 81299 DISSERTATION II 15 Credit Hours

(Repeatable for credit) Continuing registration required of doctoral students who have completed the initial 30 hours of dissertation and continuing until all degree requirements are met.

Prerequisite: PSYC 81199; and doctoral standing.

Schedule Type: Dissertation

Contact Hours: 15 other

Grade Mode: Satisfactory/Unsatisfactory-IP

PSYC 81498 RESEARCH 1-15 Credit Hours

(Repeatable for credit) Research or individual investigation for doctoral students. Credits may be applied toward degree with department approval.

Prerequisite: Doctoral standing; and special approval.

Schedule Type: Research

Contact Hours: 1-15 other

Grade Mode: Satisfactory/Unsatisfactory-IP

**PSYC 81591 SEMINAR IN PERSONALITY AND SOCIAL PSYCHOLOGY
3 Credit Hours**

(Repeatable for credit) Seminar on current research in areas of social psychology. Specific topics will be announced in schedule of classes.

Prerequisite: Doctoral standing in psychology.

Schedule Type: Seminar

Contact Hours: 3 other

Grade Mode: Standard Letter

PSYC 81691 SEMINAR IN QUANTITATIVE METHODS 3 Credit Hours

(Repeatable for credit) Seminar on applications of quantitative methods within various content areas of psychology. Specific topic varies per course offering.

Prerequisite: Doctoral standing; and special approval.

Schedule Type: Seminar

Contact Hours: 3 other

Grade Mode: Standard Letter