

# PSYC - PSYCHOLOGY

## PSYC100 Introduction to Psychology (3 Credits)

A basic introductory course intended to bring the student into contact with the major problems confronting psychology and the more important attempts at their solution.

## PSYC123 The Psychology of Getting Hired (1 Credit)

Designed to introduce students to the science behind the hiring process and to prepare individuals with the academic and practical training required. Together we will explore psychological principles that influence the selection process and how individuals can apply them for the competitive edge that makes others Fear the Turtle!

**Restriction:** Must not be in a Robert H. Smith School of Business degree program.

**Additional Information:** Cannot be used in place of BMGT367 toward a degree program in the Robert H. Smith School of Business.

## PSYC138 Special Topics in Study Abroad I (1-6 Credits)

Special topics course taken as part of an approved study abroad program.

**Repeatable to:** 15 credits if content differs.

## PSYC200 Statistical Methods in Psychology (3 Credits)

A basic introduction to quantitative methods used in psychological research.

**Prerequisite:** PSYC100; and 1 course with a minimum grade of C- from (STAT100, MATH107, MATH111, MATH120, MATH130, MATH136, or MATH140).

## PSYC202 Introduction to Neuroscience (3 Credits)

In an evolutionary sense, the job of the nervous system is to produce, control, and coordinate behaviors that help an animal survive and reproduce. Neuroscience is the study of how the nervous system does that. Provides a broad introduction to neuroscience, always keeping the behavioral consequences in view.

**Prerequisite:** Minimum grade of C- in BSCI170 and BSCI171.

**Cross-listed with:** NEUR200.

**Credit Only Granted for:** PSYC309U, NEUR200, PSYC202 or PSYC301.

**Formerly:** PSYC309U.

## PSYC210 Personality and Temperament: Developmental Origins, Brain Bases, and Clinical Implications (3 Credits)

What is known about what makes each of us unique? How do these differences contribute to enduring differences in health & wealth?

We will review recent research in humans and non-humans aimed at understanding the psychological & biological mechanisms underlying stable individual differences in personality. We will discuss the phylogenetic and ontogenetic origins of temperament, measurement issues, fundamental dimensions of personality across the lifespan, neurobiological substrates of temperament/personality, mechanisms contributing to stability and change, implications for psychopathology, & broader implications for public/macroeconomic policy.

**Prerequisite:** PSYC100.

**Restriction:** Must be in Psychology program.

## PSYC221 Social Psychology (3 Credits)

The influence of social factors on the individual and on interpersonal behavior. Includes topics such as conformity, attitude change, personal perception, interpersonal attraction, and group behavior.

**Prerequisite:** PSYC100.

## PSYC232 Psychology of Racism (3 Credits)

Explores the causes, correlates, and consequences of racial prejudice in the United States and other national contexts. Using lecture, readings, and discussion, we will examine the psychological theory and research on what processes underlie and motivate racial prejudice; how racial prejudice is experienced by its targets; how racial prejudice pervades our culture and social institutions; and how racial prejudice is learned, maintained, and ultimately changed.

**Restriction:** Limited to Psychology majors; if spaces remain in the course, will open to all majors.

## PSYC234 Living the Good Life: The Psychology of Happiness (3 Credits)

What are the secrets to living a happy life? Can happiness be found within the context of war, a depressed economy, violence and other major stressors? Are some people born happier than others? This course will teach you the scientific process that psychologists use to study happiness (and related emotional variables) and give you the opportunity to practice applying that process in a number of ways. You will learn how we (a) gather and critically evaluate research findings in the existing literature, (b) integrate those findings into coherent and testable theories, (c) design and conduct valid scientific research that tests those theories and extends our knowledge, and (d) effectively communicate our theories and findings to a wide range of audiences. The result of the process is a more accurate and objective understanding of happiness, and that is what prepares you to apply your scientific understanding to explain and influence a wide range of outcomes.

**Credit Only Granted for:** PSYC234 or PSYC289D.

**Formerly:** PSYC289D.

## PSYC237 Psychology of Evil (3 Credits)

Why is there evil in the world? Are some born evil, or do social, environmental and cultural forces create evil? What makes otherwise good people do evil things? The scientific study of evil epitomizes the fundamental challenge that psychology faces in dissecting the role of biology (nature) and the social context (nurture).

**Credit Only Granted for:** PSYC237 or PSYC289E.

**Formerly:** PSYC289E.

## PSYC238 Special Topics in Study Abroad II (1-6 Credits)

Special topics course taken as part of an approved study abroad program.

**Repeatable to:** 15 credits if content differs.

## PSYC262 Asian American Psychology (3 Credits)

An overview of how socio-cultural influences impact the development and psychological health of Asian Americans. Other topics include how minority group status, adaptation and identity development influence various aspects of psychological functioning; the role of historic systematic racism; and, how the COVID-19 pandemic has negatively impacted Asian Americans. Students develop a deeper understanding of the role of stereotypes and racism, acculturation, racial identity development, cultural values, gender socialization, behavioral norms, family roles, stressors and social support systems on the mental health, well-being and health of Asian Americans.

**Cross-listed with:** AAST262.

**Credit Only Granted for:** PSYC262, AAST262 or PSYC489Z.

**Formerly:** PSYC489Z.

## PSYC300 Research Methods in Psychology Laboratory (4 Credits)

A general introduction and overview to the fundamental theoretical, conceptual, and practical issues in psychological research in both the laboratory and the field.

**Prerequisite:** PSYC200.

**Restriction:** Must be in Psychology program or Social Data Science - Psychology Track.

**PSYC302 Fundamentals of Learning and Behavior (3 Credits)**

Overview of the fundamental types of learning that occur without formal instruction. The course covers fundamentals of classical and instrumental conditioning as studied in a variety of species in addition to more modern theories of learning. We will then explore how these principles influence diverse processes such as memory, attention, extinction, categorization, motivation, and in some cases, how they are implemented in the brain and disrupted in disease.

**Prerequisite:** PSYC100, BSCI170, and BSCI171.

**Restriction:** Restricted to psychology majors during the registration period; all other majors will be placed on a hold file.

**PSYC303 Professional Development for Psychology Majors (1 Credit)**

An investigation of various career and graduate school opportunities available to psychology majors. Students will learn about a wide range of career fields, will learn how to utilize available resources to pursue career goals, and will take steps to advance their professional identity and development.

**Prerequisite:** PSYC123; or permission from the instructor with a completed resume.

**Restriction:** Must have earned a minimum of 60 credits; and must be in the Psychology major.

**PSYC304 Biological Psychology (3 Credits)**

Biological Psychology is the study of the physiological basis of behavior. In this course, we will first cover the basic principles of brain organization and neural transmission. We will then introduce traditional and modern research techniques in the field of behavioral neuroscience. The last portion of the course focuses on specific topics including psychopharmacology, learning and memory, emotion, stress, drug of abuse, neurological disorders (e.g., Alzheimer's disease and Parkinson's disease) and schizophrenia.

**Prerequisite:** PSYC100, BSCI170 and BSCI171; or equivalent.

**Credit Only Granted for:** PSYC301 or PSYC304.

**Formerly:** PSYC301.

**PSYC307 Collective Behavior and Decision Making in Human and Animal Groups (3 Credits)**

Overview of the fundamental principles underlying the organization of animal societies, mathematical models describing these phenomena, and applications to human societies and decision-making. Students will engage in discussions of case studies, analyze and evaluate mathematical simulations, and apply what they have learned from animal groups to practice solving problems currently facing human society.

**Prerequisite:** NEUR200, PSYC304 or PSYC221.

**Recommended:** PSYC200 or equivalent statistics course.

**Credit Only Granted for:** PSYC207 or PSYC307.

**Formerly:** PSYC207.

**PSYC309 Special Topics in Psychology (1-3 Credits)**

Topics of current interest which represent extensions of or additions to topics covered in more general topical courses.

**Prerequisite:** PSYC100.

**Restriction:** Must be in Psychology program; and sophomore standing or higher.

**Repeatable to:** 6 credits if content differs.

**PSYC310 Perception (3 Credits)**

A survey of phenomena and theories of perception including psychological, anatomical, physiological, and environmental factors important in determining how we perceive the world. Historical background will be examined as well as contemporary research.

**Prerequisite:** PSYC100. And CHEM103; or PHYS121; or (BSCI160 and BSCI161); or (BSCI170 and BSCI171); or BSCI105; or BSCI106.

**Restriction:** Must not have completed PSYC410.

**PSYC330 Child Psychopathology (3 Credits)**

Etiology, diagnosis, prevention and treatment of emotional disorders of childhood and adolescence.

**Prerequisite:** PSYC100.

**Restriction:** Must be in Psychology program or Social Data Science - Psychology Track.

**Credit Only Granted for:** PSYC309B or PSYC330.

**Formerly:** PSYC309B.

**PSYC332 Psychology of Human Sexuality (3 Credits)**

A survey of historical and contemporary psychological views on a wide variety of sexual behaviors; theory and research bearing on the relationship between life span psychological development, psychological functioning, interpersonal processes and sexual behaviors; political and social issues involved in current sexual norms and practices.

**Prerequisite:** PSYC100.

**PSYC334 Psychology of Interpersonal Relationships (3 Credits)**

Research, theory and their practical applications pertaining to the development, maintenance and dissolution of human relationships. Processes critical to successful relating (e.g., communication, bargaining, conflict resolution), and issues associated with troubled dyadic relations with equal partners (e.g., jealousy, spouse abuse, divorce).

**Prerequisite:** PSYC100.

**PSYC336 Psychology of Women (3 Credits)**

A study of the biology, life span development, socialization, personality, mental health, and special issues of women.

**Prerequisite:** PSYC100.

**Cross-listed with:** WGSS336.

**Credit Only Granted for:** PSYC336, WMST336 or WGSS 336.

**Formerly:** WMST336.

**PSYC338 Special Topics in Study Abroad III (1-6 Credits)**

Special topics course taken as part of an approved study abroad program.

**Repeatable to:** 15 credits if content differs.

**PSYC341 Introduction to Memory and Cognition (3 Credits)**

An introduction to the basic concepts of cognitive psychology, the scientific study of mental processes. Topics will include perception, attention, memory, reasoning, and language, with an emphasis on how findings from cognitive psychology can inform real-life thinking (e.g., memory strategies for studying, pitfalls of multitasking, and how/why our memories can fail us).

**Prerequisite:** PSYC200 and PSYC300.

**PSYC344 Health Psychology (3 Credits)**

An examination of how psychological, biological, and social factors impact physical health and well-being. Students will use the biopsychosocial model to analyze topics including stress, health disparities, pain, addiction, disease states (e.g., cardiovascular disease, diabetes, cancer), and primary prevention.

**Prerequisite:** PSYC100; or permission of instructor.

**Restriction:** Must be in the Psychology program; or must be in a major within the School of Public Health; or permission of instructor.

**Credit Only Granted for:** PSYC489U or PSYC344.

**Formerly:** PSYC489U.

**PSYC346 Death, Dying and Grieving: What Future Healthcare Professionals Need to Know (3 Credits)**

What do future healthcare professionals need to know about death dying and grieving? Theories and research related to death, dying and grieving, interventions with the dying and grieving, and communication about end-of-life issues in healthcare settings will be examined. Topics include trajectories of common illnesses, palliative and hospice care, ethical and multicultural issues, suicide, models of grieving, post-traumatic growth, and self-reflection regarding values, biases, and beliefs regarding death. This class will prepare students for careers as psychologists, physicians, nurses, or social workers as they will obtain foundational knowledge, engage in self-reflection, and practice communication skills that can be used with future clients or patients who are dying or grieving the dying/death of a loved one.

**Prerequisite:** PSYC100.

**PSYC353 Adult Psychopathology (3 Credits)**

The nature, diagnosis, etiology, and treatment of mental disorders.

**Prerequisite:** PSYC100.

**Restriction:** Must be in Psychology program or Social Data Science - Psychology Track.

**PSYC354 Multicultural Psychology in the U.S. (3 Credits)**

What are the psychological implications of racism, sexism, homophobia and other structures of inequality in the United States? How do socio-cultural privilege and oppression influence individual and group thoughts, feelings, and behaviors? This course will take a current events focus to understanding multicultural and social justice issues in psychology with an emphasis on self-reflection, mental health, cross-cultural communication, and strategies for social change.

**Prerequisite:** PSYC100.

**PSYC355 Developmental Psychology (3 Credits)**

Survey of research and theory of psychological development from conception through childhood, stressing physiological, conceptual and behavioral changes, and the social and biological context in which individuals develop.

**Prerequisite:** PSYC100.

**PSYC361 Survey of Industrial and Organizational Psychology (3 Credits)**

A general survey of the field of industrial organizational psychology including such topics as organizational entry (recruitment, selection, training, socialization); organizational psychology (motivation, leadership, job attitudes); productivity in the workplace (performance appraisal, absenteeism, turnover), and the role that the larger environment plays in influencing work behaviors and work attitudes.

**Prerequisite:** PSYC100.

**PSYC362 Introduction to Negotiation (3 Credits)**

Overview of the field of negotiation and the social-psychological and contextual factors that facilitate and inhibit successful negotiation agreements. Students will engage in a variety of negotiation exercises individually and as a team.

**Restriction:** Must be in Psychology program or Social Data Science - Psychology Track.

**PSYC381 Community Interventions: Domestic Violence I (3 Credits)**

Study theories and research related to the dynamics and effects of intimate partner violence on women and children. Learn about community resources and interventions for survivors of domestic violence. Examine theoretical writings and research findings regarding the effects of gender, culture, race/ethnicity, and socioeconomic status on the experiences of intimate partner violence survivors and their children.

**Prerequisite:** PSYC100.

**Restriction:** Preference given to majors in Human Development, Psychology, and Women, Gender and Sexuality Studies.

**Credit Only Granted for:** PSYC318D, PSYC381, WMST498A or WGSS498A.

**Formerly:** PSYC318D.

**Additional Information:** Students who successfully complete this course may be eligible to enroll in PSYC319 - a service learning class in which students volunteer in the community to work with children who have experienced domestic violence and/or homelessness.

**PSYC389 Experiential Learning (1-6 Credits)**

Internship in psychology-related fields.

**Prerequisite:** PSYC100; and permission of BSOS-Psychology department; and 9 credits in PSYC courses.

**Restriction:** Minimum cumulative GPA of 2.8; and must have earned a minimum 3.0 Psychology GPA.

**Repeatable to:** 9 credits.

**PSYC391 Community Interventions: Domestic Violence II - Service Learning (3 Credits)**

Apply knowledge gained in PSYC318D/PSYC318 to provide interventions to individuals who have experienced domestic violence. Critical analysis of interventions and related research. Ethical and cultural considerations in the provision of services are addressed.

**Prerequisite:** PSYC381 or PSYC318D.

**Restriction:** Preference given to majors in Psychology; Women, Gender, and Sexuality Studies; and Human Development; and permission of BSOS-Psychology department.

**Credit Only Granted for:** PSYC319D or PSYC391.

**Formerly:** PSYC319D.

**PSYC401 Biological Bases of Behavior Laboratory (4 Credits)**

Students will study some of the key concepts in neuroscience by combining behavioral experiments with electrode recordings from neurons controlling the behaviors. We will intensively examine concepts like creation of rhythmic behaviors (walking, flight), neurotransmitters' control of aggression, drug effects on synaptic activity, high-speed neural circuits for effective escape from predators, and CNS maps in the visual system for directing prey capture. Students will learn microsurgery and a broad range of neural recording techniques. We work with animals (invertebrates, cold-blooded vertebrates) every week. A strong biology background will be beneficial.

**Prerequisite:** PSYC300; and (PSYC202, NEUR200, or BSCI353).

**Restriction:** Permission of instructor; and must be in Psychology program; and must have earned a minimum of 85 credits.

**Credit Only Granted for:** PSYC401, NEUR405, BSCI455 or BSCI454.

**PSYC403 Animal Behavior (3 Credits)**

Reviews the theoretical framework underlying the study of animal behavior. The genetic, hormonal and physiological basis of behavior, and the relation to ecological and evolutionary processes will be discussed using examples that range from invertebrate animals to humans.

**Prerequisite:** PSYC202 or NEUR200.

**PSYC404 Introduction to Behavioral Pharmacology (3 Credits)**

Theoretical viewpoints on the interaction of drugs and behavior. Basic principles of pharmacology, the effects of drugs on various behaviors, experimental analysis of drug dependence and abuse, and neuropharmacology and behavior.

**Prerequisite:** PSYC202 or NEUR200.

**Restriction:** Must be in Psychology program.

**PSYC406 Neuroethology (3 Credits)**

A merger between the disciplines of neuroscience and ethology (animal behavior) studies the behavioral functions of nervous systems using a comparative and evolutionary approach. Students will learn how the nervous system controls behavioral patterns in a variety of different organisms ranging from insects to mammals.

**Prerequisite:** PSYC301, PSYC202 or NEUR200.

**Restriction:** Must be in Psychology program.

**PSYC407 Behavioral Neurobiology Laboratory (4 Credits)**

In this lab course, you will collect behavioral and physiological data in humans using classic behavioral paradigms, design models of neural circuits that can explain those behaviors, record neural activity from the roach, and write lab reports describing your results and how they relate to patients with psychiatric illnesses.

**Prerequisite:** PSYC300; and (PSYC202 or NEUR200).

**Restriction:** Must be in Psychology program; and must have earned a minimum of 85 credits.

**PSYC409 Topics in Neurosciences Seminar (1 Credit)**

Current research in neurosciences will be presented, read, and discussed. Emphasis will change each term.

**Restriction:** Permission of BSOS-Psychology department; and junior standing or higher.

**Repeatable to:** 4 credits if content differs.

**PSYC411 Introduction to Functional Magnetic Resonance Imaging (3 Credits)**

An introduction to functional magnetic resonance imaging (fMRI). Students will be taught about formulating testable hypotheses with fMRI, utilizing basic methods in fMRI studies, and understanding existing limitations of fMRI studies in the literature.

**Prerequisite:** PSYC200 and PSYC300; and (PSYC202 or NEUR200).

**Restriction:** Must be in a major within BSOS-Psychology department.

**Credit Only Granted for:** NACS728F or PSYC411.

**PSYC413 Music Cognition (3 Credits)**

Overview of the psychological foundations of musical behavior, focusing on underlying perceptual, cognitive, and neural mechanisms. Students will read and discuss primary behavioral and neuroscience research on how people perceive, remember, enjoy, and use music across the lifespan.

**Prerequisite:** PSYC300.

**Credit Only Granted for:** PSYC413 or PSYC489X.

**Formerly:** PSYC489X.

**PSYC414 Science of Sleep and Biological Rhythms (3 Credits)**

Sleep is a powerful, inescapable, misunderstood, and mysterious presence in our lives. The course will begin with a review of the basics of sleep and biological rhythms with a focus on the underlying neurobiology. The bulk of the semester will be in-depth discussions of topics in sleep and circadian rhythms primarily chosen by the students. A few examples: narcolepsy, sleep in primitive cultures, lucid dreaming, racial and cultural differences in sleep and sleep disorders, the biology of sleep and circadian rhythms during adolescence, CNS control of dreaming, sleep and states of consciousness, sleeping to remember vs. sleeping to forget, legal ramifications of parasomnias, e.g. sleepwalking, and the relationships between sleep deprivation and obesity.

**Prerequisite:** PSYC301, PSYC202, or NEUR200; or permission of instructor.

**Restriction:** Must be in a major within the BSOS-Psychology department; and restricted to psychology majors during the registration period.

**PSYC416 Development of Attachment in Infancy and Childhood: Theory, Research, Methods, and Clinical Implications (3 Credits)**

Overview of the development of attachment during infancy and childhood, examining theory, research methods, research findings, and clinical implications. Students will observe videos of attachment assessments, lead class discussion of readings, make class presentations, and complete writing assignments.

**Prerequisite:** PSYC355; or permission of instructor.

**Restriction:** Must be in a major within the BSOS-Psychology department.

**PSYC417 Data Science for Psychology and Neuroscience Majors (4 Credits)**

A large number of industry and academic jobs require basic programming and data analysis skills. This class represents an introduction to both. Students will learn to program in R and will briefly be introduced to Python, the two most popular programming languages for data science. Common constructs shared by a variety of procedural programming languages will be emphasized. Basic statistics and probability theory will be reviewed from a computational perspective, and more advanced topics introduced. During the course, students will simulate toy data sets which they will then analyze knowing how the data came about, as well as work with real data. The class is highly hands-on with a large number of in-class lab and homework projects. Expect to work a lot and move quickly. Because of the hands-on nature of the class, the overall focus is more on application and execution rather than theory. However, some theory is covered at a high level so that students are aware of why they are doing something, rather than mindlessly writing code.

**Prerequisite:** PSYC200 and PSYC300; and (MATH120, MATH130, or MATH140).

**Credit Only Granted for:** PSYC489D or PSYC417.

**Formerly:** PSYC489D.

**PSYC420 Experimental Psychology: Social Psychology Laboratory (4 Credits)**

A laboratory course to provide a basic understanding of experimental methods in social psychology and experience in conducting research on social processes.

**Prerequisite:** PSYC300 and PSYC221.

**Restriction:** Must be in Psychology program or Social Data Science - Psychology Track; and must have earned a minimum of 85 credits.

**PSYC424 Communication and Persuasion (3 Credits)**

Effect of social communication upon behavior and attitudes. Theory and research concerning attitude change and social influence.

**Prerequisite:** PSYC221 and PSYC200.



**PSYC425 Psychology and Law (3 Credits)**

An introduction to the intersection of psychology and the criminal justice system, known as the field of legal psychology. The material covered will span the course of the criminal justice process and examine each aspect from a psychological perspective beginning with profiling and moving on to eyewitness memory and judgements through perpetrator memories and interrogation techniques. These aspects will be evaluated with a research lens as well as an applied outlook.

**Prerequisite:** PSYC100, PSYC200, and PSYC300.

**Restriction:** Must be in Psychology program or Social Data Science - Psychology Track.

**Credit Only Granted for:** PSYC325 or PSYC425.

**PSYC426 Psychology of Adolescents' Close Relationships: Parents, Peers, and Romantic Partners (3 Credits)**

An examination of the development of close relationships during adolescence, including those with parents, peers, and romantic partners. We consider core developmental themes including nature and nurture, stability and change, and individual differences, and discuss theory, research, and clinical applications. Students gain observational skills through discussing extensive video examples of social interactions.

**Prerequisite:** PSYC355; or permission of the instructor.

**Credit Only Granted for:** PSYC426 or PSYC489B.

**Formerly:** PSYC489B.

**PSYC431 Human and Animal Intelligence (3 Credits)**

The study of intelligence touches upon a broad range of topics from cognition, animal behavior, philosophy, psychology, and linguistics. Through lectures, discussions, and critical evaluation of opposing arguments, we will investigate the construct of intelligence from an evolutionary perspective. An understanding of animal intelligence also has important applications for understanding cognition in general, the design of robotic controls, investigating human health, conserving endangered species, development of artificial intelligence, and assuring animal welfare.

**Prerequisite:** PSYC300.

**Credit Only Granted for:** PSYC431 or PSYC489R.

**Formerly:** PSYC489R.

**PSYC432 Counseling Psychology: Theories, Research, and Practice (3 Credits)**

Analysis of research and intervention strategies developed and used by counseling psychologists. Historical and current trends in content and methodology.

**Prerequisite:** PSYC200.

**PSYC433 Basic Helping Skills: Research and Practice (4 Credits)**

Theories and research regarding effective helping relationships, with a focus on applications to counseling and psychotherapy. Students will practice helping skills with each other and will conduct research projects evaluating their helping skills. Students should be willing to talk about personal issues in class. Attendance in labs is mandatory and contributes to the course grade; thus, students should only enroll in a lab section that they will be able to attend consistently.

**Prerequisite:** PSYC300.

**Restriction:** Must be in Psychology program; and must have earned a minimum of 85 credits; and must not have completed or be concurrently enrolled in EDCP 310.

**Credit Only Granted for:** EDCP210, EDCP310, or PSYC433.

**PSYC435 Temperament, Personality, and Psychopathology (3 Credits)**

An advanced review of cutting-edge research in humans and animals aimed at understanding the psychological and biological mechanisms underlying stable individual differences in temperament and personality (T&P) and determining their role in adult and child psychopathology, with a major focus on anxiety disorders, depression, and addiction. We will discuss the developmental origins of T&P, measurement issues, fundamental dimensions, heritability, relevance to psychopathology and intervention (treatment and prevention), and broader implications for public policy.

**Prerequisite:** PSYC200.

**PSYC436 Introduction to Clinical Psychology: From Science to Practice (3 Credits)**

Critical analysis of clinical psychology, with particular emphasis on current developments and trends.

**Prerequisite:** PSYC300.

**PSYC437 The Assessment and Treatment of Addictive Behaviors (3 Credits)**

Explores the current research in assessment and treatment of addictive behaviors. Topics may include addictions in the areas of alcohol, drugs, nicotine, gambling, and eating.

**Prerequisite:** PSYC100; and 9 credits in PSYC courses.

**PSYC438 Special Topics in Study Abroad IV (1-6 Credits)**

Special topics course taken as part of an approved study abroad program.

**Repeatable to:** 15 credits if content differs.

**PSYC440 Experimental Psychology: Cognitive Processes and Legal Applications (4 Credits)**

A survey of the content, models, and methods in cognitive psychology with an emphasis on attention and encoding, recall, recognition, judgment, signal detection theory, and applying cognitive theories to situations in the legal system. Students integrate scientific theories with real-life legal situations. Course topics include research methodology in assessing and addressing cognitive mechanisms and how this understanding may help eyewitness and victim recall and recognition, perpetrator recall, assessing scientific theories of repression, and real life examples.

**Prerequisite:** PSYC100, PSYC200, PSYC300 and PSYC341.

**Restriction:** Must be in Psychology program or Social Data Science - Psychology Track; and must have earned a minimum of 85 credits.

**PSYC442 Psychology of Language (3 Credits)**

Introductory survey of the psychology of language, focusing on the cognitive processes that enable us to produce and understand language. Topics include speech perception, speech production, syntactic processing, language development, language disorders, and the brain bases of language.

**Prerequisite:** PSYC300 and PSYC341.

**Restriction:** Must be in Psychology program.

**PSYC447 Diversity in Organizations (3 Credits)**

Overview and active discussion of issues related to diversity and discrimination in organizations from several different perspectives, including: the person(s) being stigmatized, the person(s) doing the stigmatizing, the bystander(s) witnessing stigmatization of others, and the organization. Course readings address each of these perspectives, along with an introductory unit that outlines key concepts of diversity.

**Prerequisite:** PSYC300.

**Credit Only Granted for:** PSYC489E or PSYC447.

**Formerly:** PSYC489E.

**PSYC450 Applying Psychology to the Workplace: Industrial Organizational Psychology Laboratory (4 Credits)**

In this laboratory course, students use data analytic techniques, along with psychology theories and principles, to solve problems and provide recommendations to mock organizations. Along with learning theories in industrial-organizational psychology and statistical analysis, students will improve personal presentation skills that promote effective communication of information.

**Prerequisite:** PSYC300.

**PSYC460 Psychological Foundations of Personnel Selection and Training (3 Credits)**

An examination of issues and processes involved in the design and evaluation of personnel selection and training programs in a variety of organizational settings: job, person and organizational analysis; organizational choice; development of predictors; evaluation of instructional and training systems; criteria for performance evaluation, promotion and training.

**Prerequisite:** PSYC361 and PSYC200.

**PSYC464 Psychology of Leaders in Work Organizations (3 Credits)**

The psychological assumptions and implications of various theories of management and leadership. Selections and training; development of careers; influence processes; change of managerial behavior; and the impact of the larger environment, nature of product or service, and organization structure on managerial behavior.

**Prerequisite:** PSYC200 and PSYC361.

**PSYC468 Field Experience and Special Assignments in Honors (1-3 Credits)**

An individual experience arranged by the honors student and his or her supervisor. A proposal submitted to the honors faculty in the semester preceding registration for the course should state the activities anticipated and the method of evaluation.

**Prerequisite:** Must have permission of supervisor and honors faculty.

**Restriction:** Permission of BSOS-Psychology department.

**Repeatable to:** 6 credits.

**PSYC469 Honors Thesis Proposal Preparation (3 Credits)**

Development of honors thesis proposal by preliminary research and literature review. Presentation of formal proposal to the thesis committee.

**Restriction:** Permission of BSOS-Psychology department.

**Repeatable to:** 3 credits.

**PSYC478 Independent Study in Psychology (1-3 Credits)**

**Restriction:** Permission of BSOS-Psychology department; and must have earned a minimum of 9 credits in Psychology; and must have earned a minimum GPA of 3.0 in Psychology; and minimum cumulative GPA of 2.8.

**Repeatable to:** 9 credits.

**PSYC479 Special Research Problems in Psychology (1-3 Credits)**

**Restriction:** Permission of BSOS-Psychology department; and must have earned a minimum of 9 credits in Psychology; and must have earned a minimum GPA of 3.0 in Psychology; and minimum cumulative GPA of 2.8.

**Repeatable to:** 9 credits.

**PSYC488 Advanced Psychology I (Honors) (3 Credits)**

Seminar covering topics in sensation, perception, learning, and motivation.

**Prerequisite:** PSYC200.

**Restriction:** Permission of BSOS-Psychology department.

**PSYC489 Advanced Special Topics in Psychology (3 Credits)**

Treatment of a specialized topic in psychology.

**Prerequisite:** PSYC300.

**Repeatable to:** 9 credits if content differs.

**PSYC498 Advanced Psychology II (Honors) (1 Credit)**

Seminar covering topics of current interest in psychology.

**Prerequisite:** Permission of BSOS-Psychology department.

**Repeatable to:** 3 credits.

**PSYC499 Honors Thesis Research (3 Credits)**

**Prerequisite:** PSYC469; and must have permission of thesis advisor.