

PSYCHOLOGY (PSYC)

PSYC104 Understanding Prejudice and Discrimination

This first-year seminar (FYS) will explore several different forms of prejudice and discrimination, including racism, sexism, anti-Semitism, heterosexism, and less recognized forms of bias, such as the exploitation and domination of indigenous peoples, animals, and the natural environment. During the first part of the course, students will read about and discuss specific forms of prejudice. In the second half, you will write a final paper and give a brief presentation on a prejudice-related topic.

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Prereq: **None**

PSYC105 Foundations of Contemporary Psychology

This course will include an introductory-level presentation of ideas and research findings in the major areas of psychology. It will serve as both preparation for upper-level courses in psychology and as a valuable contribution to students' liberal arts education. This course will help students discover what psychology is and what psychologists do. Not only will students learn the basic content of psychology, but the course should help them to think critically about such everyday issues as, In what ways are we like other humans, and how do we differ? What do babies perceive and think? Why do we dream? Content areas include history of psychology, methods of psychological research, biological basis of human behavior, motivation and emotions, learning and memory, sensation and perception, cognitive and social development, personality, intelligence, and psychopathology.

Offering: **Host**

Grading: **OPT**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Prereq: **None**

PSYC109 Psychology and Technologies of the Self and Social World

The psychological sciences are generating novel and remarkable understandings of individual minds, social interactions, groups, and institutions, and these findings are being extended to benefit individual and social welfare. As we dwell in a world increasingly understood in psychological terms and managed through psychological technologies, crucial questions warrant attention. What are the implications of adopting these new understandings of self and others? Does this new knowledge change us and, if so, how? How do we assess the consequences of this knowledge as it is implemented in social practices? These questions guide our examination of cases where psychological knowledge has informed new practices and policies. The cases include research on decision-making, integration, positive psychology, psychopharmacology, stress, and attitudes. Also considered will be instances where psychological ideas have been implemented then challenged, including psychosurgery and token economies.

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Identical With: **SISP109**

Prereq: **None**

PSYC111 Myth, Magic, and Movies

We will examine how the mythic is made and what purposes myth and magic serve in modern culture. Guided by classic psychoanalytic ideas, we will seek to understand both the conscious and unconscious power of myths. The seven volumes in J. K. Rowling's HARRY POTTER series will be the core texts for the course, and we will explore how these texts were transformed by the eight Potter movies.

Offering: **Host**

Grading: **OPT**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Prereq: **None**

PSYC200 Statistics: An Activity-Based Approach

This course will introduce the concepts and methods used in the analysis of quantitative data in the behavioral and life sciences. The approach will emphasize activity-based learning. Lectures will be used for the initial presentation and wrap-up of topics, but most class time will be devoted to activities in which students perform analyses. The topics covered will include descriptive statistics, sampling distributions, estimation, hypothesis testing, analysis of variance, and regression.

Offering: **Host**

Grading: **OPT**

Credits: **1.00**

Gen Ed Area: **NSM-PSYC**

Prereq: **PSYC105**

PSYC202 Qualitative Research Methods in Psychology

The goal of the course is to introduce students to basic research strategies for investigating human thought and behavior, with a focus on qualitative methods. The course provides detailed introduction to different qualitative methods, including interview, observation, case study, content analysis, archival, life history, and narrative techniques. Attention is given to the framing of research questions, design of studies, the ethics of psychological research with humans, and assumptions about human nature. The course is problem- and project-based, providing hands-on research experience.

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Prereq: **PSYC105**

PSYC204 Methods of Interpretation

Projects incorporating issues of race, gender, and class will be the focus of this methods course. Feminist, phenomenological, experiential, textual, and ecological methods of interpreting gender, race, and class in multimedia formats will be explored.

Offering: **Host**

Grading: **OPT**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Prereq: **PSYC261**

PSYC205 Research Methods in Psychopathology

How do psychological researchers study unusual and distressing human experiences? This combined laboratory and lecture/discussion course provides an introduction to methods used in the study of clinical and subclinical phenomena. With an emphasis on methodological pluralism in the 'psy' disciplines, the course covers both quantitative and qualitative approaches, exploring the intersections between diverse modes of inquiry. Throughout the semester, students conduct a team research project on a psychological topic of the group's choosing, proceeding through each stage of the research process. Along the way, we consider the historical context of psychological science, as well as contemporary debates about the nature of psychopathology. We also think critically about the relationship between research methods and the topic(s) under investigation, asking questions such as: Why do psychologists use the methods that they use? How is research in psychology different from research in the other sciences and humanities?

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Prereq: **PSYC105**

PSYC206 Research Methods in Cognitive Development and Education

This course introduces students to translational research in psychology--research that draws on psychological science to inform practice. The course is built around a central case study, early numeracy in preschool children, with an emphasis on the effects of differences in language input (e.g., deafness). We will cover existing research on cognitive and language development, early numeracy, deaf education, and teaching strategies to understand the relationship between research and practice in these areas.

The first one-quarter to one-third of the course will cover basic research methods, fulfilling the requirement for the major and preparing students to engage in both research and practice. The final project will entail drawing on the research literature and research methods to develop and test math-related materials for preschools. Each year of PSYC206 draws on the work done by previous students in the class.

The service-learning component of the course, in which students will spend two hours per week in a preschool, provides a hands-on opportunity to interact with preschool children and learn firsthand about their learning environment and styles.

Offering: **Host**

Grading: **A-F**

Credits: **1.25**

Gen Ed Area: **SBS-PSYC**

Prereq: **PSYC105**

PSYC207 Research Methods in Developmental Psychology

The goal of this course is to introduce students to basic research strategies and methods, with a focus on those pertinent to developmental psychology. Course materials will focus on the conceptual, design, and analytic issues to research across development. This course is designed to provide students with the knowledge, skills, and understanding to conduct and evaluate research. In the service of these goals, students will participate in lectures, readings, discussions, and hands-on projects.

Offering: **Host**

Grading: **OPT**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Prereq: **(PSYC105 AND ECON300) OR (PSYC105 AND PSYC200) OR (PSYC105 AND [QAC201 or SOC257 or GOVT201 or PSYC280 or NS&B280])**

PSYC208 Research Methods on Emotion

This course will focus on methods and techniques to study emotions in their social context, including emotional narratives, interviews, experiments with emotional stimuli (e.g., mood induction), surveys, and daily diaries. We will investigate which methods and techniques are best suited to study various positive and negative emotions. The course will give special attention to ethical issues in emotion research.

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Prereq: **PSYC105**

PSYC209 Research Methods in Ecological-Community Psychology

The focus of this course is to introduce the student to the historical and conceptual foundations of ecological and community psychology. Special emphasis will be placed on research ethics and framing research questions that address social problems. Students will learn about study design and mixed-method approaches that will provide a foundation to engage in research and practice.

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Prereq: **PSYC105**

PSYC210 Research Methods in Cognition

This course will examine the experimental method as a means of gaining knowledge about human cognition. Students in this course will learn about general research methods in cognitive psychology related to experimental design, understanding and interpreting research, and ethical issues involved in research with human subjects. Classic research paradigms in cognitive psychology will be explored through the use of interactive demonstrations and in-class experiments.

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **NSM-PSYC**

Identical With: **NS&B210**

Prereq: **PSYC105**

PSYC211 Research Methods in Clinical Psychology

The goal of this course is to introduce students to basic research strategies and methods of psychological science, with a focus on those most relevant to clinical psychology.

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **NSM-PSYC**

Prereq: **(PSYC105 AND PSYC200) OR (PSYC105 AND [QAC201 or SOC257 or GOVT201 or PSYC280 or NS&B280]) OR (PSYC105 AND ECON300)**

PSYC213 Research Methods in Social Psychology

The course examines research methods and techniques used in social psychology, including observation, correlation, and experimentation. Students will learn about study design, research ethics, and how to collect and analyze data, as well as effective ways to report results. All students are expected to undertake a research project.

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Prereq: **PSYC105**

PSYC214 Research Methods in Sleep Research

Have you ever read an empirical research article and wondered where the authors got the idea for their research study? Have you ever thought about how researchers decide on which participants to select and what questions to ask of their study participants? How can we assess the value of a theoretical idea based on empirical evidence? And why might there be conflicting findings when researchers test the same phenomenon?

This course is designed to help students explore these and other questions related to research methods in psychology, with a focus on sleep research. This is an interactive lecture and lab-based course. Through a series of hands-on lab assignments, students will acquire the necessary skill set to be able to critique, analyze, and design psychological research. Students will explore both qualitative and quantitative methodological designs used in psychological research (e.g., experiments, interviews, and surveys). Additionally, students will gain skills in conducting basic statistical analyses (e.g., correlation, t-test, ANOVA). The course will culminate with a final project in which students will design an original research study.

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Prereq: **PSYC105**

PSYC215 Research Methods: Behavioral Methods in Animal Research

This is a research methods course that provides an understanding of the different approaches to animal research, particularly those using rodent models. It provides students with an understanding of the different techniques employed by researchers and the questions they address. This course provides students with HANDS-ON EXPERIENCE WITH ANIMAL RESEARCH USING RODENT MODELS. Students will learn how to handle and inject rats and will also get a sense of how to design a behavioral experiment, including the use of control groups and counterbalancing. The course will follow a lecture/discussion/lab format where students will learn about different forms of conditioning (operant/classical) and how these apply to various behavioral tasks such as operant responding, autoshaping, decision-making, locomotion testing, etc. (see readings for more examples). One class each week will take place in the lab to provide students with hands-on experience with rats and the testing apparatuses. Students will be assigned a rat for the semester that they will use to collect and analyze data during lab classes. This will be combined with regular class discussion of research articles dealing with each topic, including some of the earlier reports and more recent applications. The focus of the course will be on trying to prepare students to design and carry out behavioral/animal research in a laboratory setting.

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **NSM-PSYC**

Identical With: **NS&B215**

Prereq: **PSYC105 OR [NS&B213 or BIOL213 or PSYC240]**

PSYC220 Cognitive Psychology

Cognitive psychology, a major branch in the field of psychology, is the scientific study of human adult mental processes. The goal of this course is to provide a broad introduction to the issues, methods, and phenomena that characterize the field. These will be brought to life with selected examples of influential empirical studies and, occasionally, practical applications. In seeking constraints on theories of how the mind works, we will draw primarily on studies of adult human behavior (e.g., reaction time, task accuracy), individuals with localized brain damage (e.g., visual agnosia), and measures of brain activity (e.g., as inferred using fMRI techniques). Computer models and nonhuman animal studies will also be considered. Broad topics will include attention, perception, memory, knowledge, reasoning, and decision making. The course is lecture-based but will incorporate discussions, demonstrations, video, and group activities.

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **NSM-PSYC**

Identical With: **NS&B220**

Prereq: **PSYC105**

PSYC221 Human Memory

This course is designed to provide students with an in-depth overview of the different human memory systems revealed by empirical research in the fields of cognitive psychology and cognitive neuroscience. The different systems include procedural memory, working memory, perceptual memory, semantic memory, and episodic memory.

Offering: **Host**

Grading: **OPT**

Credits: **1.00**

Gen Ed Area: **NSM-PSYC**

Identical With: **NS&B221**

Prereq: **PSYC105 OR [PSYC220 or NS&B220] OR [NS&B213 or BIOL213 or PSYC240] OR [PSYC222 or NS&B222]**

PSYC222 Sensation and Perception

This course explores our perceptual systems and how they create and shape our experience of the world around us. We will consider the neurophysiology of perceptual systems as well as psychological approaches to the study of perception, covering all of the human senses with a special emphasis on vision. Class demonstrations will introduce students to interesting perceptual phenomena.

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **NSM-PSYC**

Identical With: **NS&B222**

Prereq: **PSYC105 OR [NS&B213 or BIOL213 or PSYC240]**

PSYC225 Cognitive Neuroscience

This course provides an introduction to cognitive neuroscience—the study of how the brain enables the mind. We will begin with an overview of the neural substrates of cognition and the tools for understanding the structure and function of the human brain. Then we will cover neural processes that support sensory perception and attention, memory, motor control, language, executive control, and emotional and social functioning. We will also discuss mechanisms of brain evolution, development, and repair, and their implications for various diseases and disorders.

Offering: **Crosslisting**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **NSM-NSB**

Identical With: **NS&B225**

Prereq: **PSYC105 OR [NS&B213 or BIOL213 or PSYC240]**

PSYC227 Motivation and Reward

This course will focus on motivation and reward, providing students with a background in and understanding of the various theories and approaches to studying the topic of motivation, including an introduction to some of the history and the current advances in the field. The course uses animal and human research to try to unravel the brain areas and neurotransmitter systems involved in different forms of reward, including food, sex, and drugs, and examine cases of disordered motivation such as drug addiction, obesity, and disordered gambling.

Offering: **Crosslisting**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **NSM-NSB**

Identical With: **NS&B227**

Prereq: **PSYC105 OR [NS&B213 or BIOL213 or PSYC240]**

PSYC228 Clinical Neuropsychology

This introductory course will examine the relationship between brain functioning and cognition, behavior, and emotion through the study of human brain disorders. The course will begin with a brief overview of basic human regional neuroanatomy, followed by an exploration of neuropsychological assessment and intervention (its history, rationale, goals, and procedures). These topics will provide a foundation for the discussion of more specific topics in neuropsychology (e.g., traumatic brain injury, dementia, psychiatric disorders, cerebrovascular disorders, seizure disorders, learning disabilities, autism) and the role that neuropsychologists play in the evaluation and treatment of individuals with these disorders.

Offering: **Host**

Grading: **OPT**

Credits: **1.00**

Gen Ed Area: **NSM-PSYC**

Identical With: **NS&B228**

Prereq: **PSYC105 OR [NS&B213 or BIOL213 or PSYC240]**

PSYC230 Developmental Psychology

This course is an introduction to human behavior and psychological development focusing on infancy and childhood. We will examine theory and research about physical, social, emotional, language, brain and cognitive development, with emphasis on cognitive development.

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Prereq: **PSYC105**

PSYC239 Functional Anatomy of the Human Brain

A mass of tissue the consistency of firm jello and weighing about 2.5 pounds in the adult human, the brain is an organ that controls nearly every function of the body. It also enables the highest cognitive functions of humans such as learning and memory, thinking, consciousness, and aesthetic appreciation. Its malfunction results in a variety of diseases, including senility, mood disorders, and motor dysfunctions. This course will examine in some detail the complex organization of the brain and how it performs some of its basic functions. The course will be of special interest to premed students; NS&B, biology, and psychology majors; and anyone simply interested in how the brain works.

Offering: **Crosslisting**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **NSM-BIOL**

Identical With: **NS&B239, BIOL239**

Prereq: **[NS&B213 or BIOL213 or PSYC240]**

PSYC240 Behavioral Neurobiology

This course will introduce the concepts and contemporary research in the field of neuroscience and behavior. The course is intended for prospective neuroscience and behavior majors (for whom it is required) and for biology and psychology majors who wish a broad introduction to neuroscience. The initial few weeks will be devoted to fundamental concepts of neuroanatomy and neurophysiology. Subsequent classes will deal in-depth with fundamental problems of nervous system function and the neural basis of behavior, including neurotransmitter systems; organization of the visual system and visual perception; the control of movement; neurological and neuropsychiatric disorders; the neuroendocrine system; control of autonomic behaviors such as feeding, sleep, and temperature regulation; the stress response; and language, learning, and memory. Experimental results from a variety of species, including humans, will be considered.

Offering: **Crosslisting**

Grading: **OPT**

Credits: **1.00**

Gen Ed Area: **NSM-NSB**

Identical With: **NS&B213, BIOL213**

Prereq: **None**

PSYC245 Psychological Measurement

This course will discuss various approaches to the measurement of psychological constructs such as intelligence and personality. Topics covered will include ability tests (e.g., IQ tests), achievement tests (e.g., classroom assessments), and diagnostic clinical assessments (e.g., the draw-a-person test). Strengths and weaknesses associated with various methods of measurement (e.g., self-report vs. performance measures) will also be discussed. Special attention will be given to the criteria used to critically evaluate the psychometric quality of measurement instruments. Students will learn the steps necessary to develop psychometrically sound, practically useful, and legally defensible tests.

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Prereq: **None**

PSYC248 Adolescence and Emerging Adulthood

This course takes a global, cultural perspective to the study of human development during adolescence (ages 10--18 years) and emerging adulthood (ages 18--25 years). Students will gain a deeper understanding of key aspects of psychosocial functioning during these two developmental age periods. The course approaches adolescence and emerging adulthood as periods of both opportunity and vulnerability. Topics include cognitive development, love and sexuality, media, peer relationships, and risk and resilience. Class activities and assignments provide opportunities for students to actively engage with the material presented and discussed in class. Students also will have the opportunity to participate in a cross-cultural experience, culminating in a class documentary on a selected topic related to adolescent and emerging adulthood development.

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Prereq: **PSYC105**

PSYC250 Personality

What does personality mean? Can you measure it? Who studies it and why? This course is designed to give a deeper understanding of these questions that psychologists interested in personality study, how they study these in a scientific manner, and how they use this knowledge to help others.

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Prereq: **PSYC105**

PSYC251 Psychopathology

This course provides an overview of psychopathology, the study of "abnormal" behavior or mental disorders. From various theoretical perspectives, the ways that abnormality is defined will be considered. You will learn what we know and don't know about the phenomenology, diagnosis, and causes of mental disorders. Major domains of psychopathology, the symptoms and behaviors associated with common mental disorders, and the mechanisms hypothesized to be involved with them will be covered. The ways that different paradigms steer the development and implementation of treatments will be examined. This course is not designed to help resolve personal experiences with mental illness. This class will challenge widely accepted ideas about mental illness. You will learn to think critically about how mental illness is understood by society, mental health professionals, and clinical researchers.

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Prereq: **PSYC105**

PSYC253 Educational Psychology

This course will focus on three major topics and how they relate to current educational policy debates. The first topic will be an examination of the fundamental purpose of school. We will discuss theoretical and empirical perspectives on why schools exist and ways in which school purpose varies by school type (e.g., public, private, charter) and location (e.g., by state and country). The second topic to be covered relates to the implementation of school mission. In this context, we will reflect on how theories of child development, student motivation, classroom management, and pedagogy inform instructional practice. Finally, the third major topic that will be covered is how to determine whether schools are achieving their stated goals. We will examine the appropriate (and inappropriate) uses of assessment for understanding whether

students are learning, whether teachers are effective, and whether a school has a positive or negative climate.

Offering: **Host**

Grading: **OPT**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Prereq: **None**

PSYC259 Discovering the Person

This course surveys major developments in psychology and psychiatry from 1860 to 1980. Through readings and lectures, the course introduces the major schools, theories, and systems in the American "psy" sciences. We examine the kinds of persons who were "discovered," the techniques of discovery, the extensions of psychological ideas to institutions and policy formulations, and the consequences of these discoveries for public as well as private life. We examine psychological phenomena that were located, catalogued, and explained by these sciences, including irrationality, sexuality, cognitive powers, personality, emotional processes, neurotic behaviors, intelligence, addictive tendencies, and the will. Attention is also given to the scientific grounds for investigating persons, the empirical evidence sought in the century-long process of discovering and naming psychological kinds, and the modes of producing this knowledge (aggregate methods, case study, and theories). Readings include primary source documents, histories of the disciplines, and philosophical analyses.

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Identical With: **AMST259, SISP259**

Prereq: **PSYC105**

PSYC260 Social Psychology

What leads us to become attracted to one person rather than another? How does prejudice develop, and how can it be reduced? Can psychological research help protect the environment and, if so, how? This course offers an overview of classic and contemporary social psychology, covering topics such as group behavior, friendship, stereotyping, conformity, obedience, and conflict resolution.

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Prereq: **None**

PSYC261 Cultural Psychology

Through essays, novels, videos, and film, we will explore the intersection of culture, ideology, and psychology. We will examine how gender, ethnicity, and class are interwoven in the social fabric and individual identity. Employing feminist, psychoanalytic, and deconstructive interpretive methods, we will try to decipher the many ways we inscribe ourselves in culture.

Offering: **Host**

Grading: **OPT**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Prereq: **None**

PSYC265 Culture in Psychology: An Introduction to Theory and Research

Culture is central to the study of mind and behavior. This course will provide students with an introduction to theory and research on culture in psychology. We will discuss what culture is, the methods that psychologists use to study culture, and how much of our behavior is universal or culture-specific. We will explore how culture influences how we think, feel, and behave. Studies and examples from cultures around the world (e.g., Africa, Latin America, North America) will be presented.

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Prereq: **PSYC105**

PSYC266 Psychology of Communities: Identity, Activism, and Social Engagement

This course serves as an introduction to community psychology. Students will read about, research, and discuss major topics in the field, including the ecological framework, diversity paradigms, social change, and empowerment.

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Prereq: **PSYC105**

PSYC267 Global Mental Health

During the past half-century, mental health professionals have increasingly explored the international reach and cross-cultural relevance of their work. Practitioners have traveled from country to country in order to work with local populations, including those experiencing traumatic circumstances such as war and natural disasters. Professional organizations such as the American Psychological Association have developed guidelines and recommendations for multicultural competence. Researchers have investigated the cross-cultural epidemiology and expression of mental health challenges; for example, according to the World Health Organization, one in four people across the globe will experience a mental disorder at some point in their lives.

What does it mean to establish the global prevalence of mental disorders? Is psychological distress, including the distress that results from traumatic exposure, experienced and interpreted in the same way in all cultural contexts? While some scholars have argued that mental disorders are a global epidemic requiring a uniform, universal response, others have suggested that the exportation of psychological discourse and approaches from Western countries has eclipsed local expressions of distress and indigenous healing traditions. This course will explore these questions and controversies using the tools and frameworks of multicultural psychology. We will place particular emphasis on the social, cultural, structural, and environmental determinants of mental health. We will address mental health disparities between high- and low-income countries, as well as the meanings of psychiatric explanatory models in advantaged and disadvantaged communities. Populations of focus will include migrants, refugees, internally displaced persons, and the urban homeless. Throughout the course, we will explore the growing research in the field of indigenous psychology, which promotes local knowledge, as well as the structural competency movement, which emphasizes the socio-institutional origins of health disparities.

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Prereq: **PSYC105**

PSYC269 Health Psychology

This course will cover how biological, psychological, and social factors interact to influence health and illness. Students will learn the theories of health behavior and how they are applied to promote positive change. Other topics will include the influence of stress on health and stress coping strategies; nutrition, obesity, and eating disorders; addiction and substance abuse; and chronic and life-threatening illnesses. Students will develop a working knowledge of the history, major theories and concepts, and practical applications of health psychology.

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Prereq: **PSYC105**

PSYC277 Psychology and the Law

This course will offer an introduction to the range of topics that are of concern both to psychologists and to members of the legal profession. We will investigate how psychologists may enter the legal arena as social scientists, consultants, and expert witnesses, as well as how the theory, data, and methods of the social sciences can enhance and contribute to our understanding of the judicial system. We will focus on what social psychology can offer the legal system in terms of its research and expertise with an examination of the state of the social science research on topics such as juries and decision making, eyewitness testimony, mental illness, the nature of voluntary confession, competency/insanity, child testimony, repressed memory, and sentencing guidelines. In addition, this course will look at the new and exciting ways legal scholars and psychologists/social scientists are now collaborating on research that looks at topics such as the role of education in prison, cultural definitions of responsibility, media accounts and social representations of crime and criminals, death penalty mitigation, and gender/race discrimination within the criminal justice system. This course will introduce students to this field, especially to the growing body of applied and theoretical work and resources available for study and review. Students will be encouraged to explore the connections between issues of social science and the law, translating legal issues into social scientific research questions that can then be examined more closely in the literature.

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Prereq: **PSYC105**

PSYC280 Applied Data Analysis

In this project-based course, you will have the opportunity to answer questions that you feel passionately about through independent research based on existing data. You will develop skills in generating testable hypotheses, conducting a literature review, preparing data for analysis, conducting descriptive and inferential statistical analyses, and presenting research findings. The course offers one-on-one support, ample opportunities to work with other students, and training in the skills required to complete a project of your own design. These skills will prepare you to work in many different research labs across the University that collect empirical data. It is also an opportunity to fulfill an important requirement in several different majors.

Offering: **Crosslisting**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **NSM-QAC**

Identical With: **QAC201, SOC257, GOVT201, NS&B280**

Prereq: **None**

PSYC291 Language and Thought

This course provides a close examination on the relationship between language and thought, a central question in cognitive science and a very active area of research and theory in recent years. Students will be exposed to theoretical and empirical work evaluating several prominent hypotheses about language and thought, including the hypothesis that the language you speak influences or even determines the thoughts you can think. The case studies to be evaluated will include object kinds, number, spatial relations, time, gender, theory of mind, and causality.

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **NSM-PSYC**

Prereq: **None**

PSYC294 Developmental Tasks of Adolescence

Based on both clinical and developmental theory, this seminar is aimed at allowing students to master the primary intellectual and emotional tasks of adolescence through reading and group experience. We will ask what it means

to have successfully individuated from family and explore how this need is expressed across four developmental domains--family, friends, fertility, and future--and how these milestones are evaluated and appraised. Students completing the course will be able to articulate why individuation and separation are essential to normal adult functioning and will also be able to develop summary statements that can be used to describe the level of functioning of an adolescent seeking therapy for a behavioral disorder.

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Prereq: **None**

PSYC309 Social Stigma

This seminar aims to introduce students to theoretical and empirical social psychological research on prejudice and social stigma. The topics covered will include examinations of why individuals stigmatize: exploring cognitive, evolutionary, self, and system justification explanations. The course will examine the effects of stigmatization for low-status groups (stereotype threat, dis-identification, compensation, and health outcomes). We will explore the role of stigma in intergroup interactions. Finally, we will explore perceptions of bias from the perspective of high-status groups (e.g., perceptions of antiwhite prejudice).

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Prereq: **PSYC105 AND PSYC260**

PSYC314 Theories in Psychology

Theory is a central tool in psychology, directing empirical investigations and interpretations of human action. Psychology theory likewise has come to significantly guide social policy and personal understandings of human actions. This course introduces the practice of theory construction and appraisal. We will ask, What is a good psychological theory, what are its origins, and how should it be appraised? The theories to be considered include classic works from learning theory to psychoanalysis; mid-range theories such as dissonance, mass action, script, and role theory; and contemporary theories emerging in social psychology, cognitive psychology, emotion research, and neuroscience.

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Identical With: **SISP314**

Prereq: **None**

PSYC316 Schizophrenia and Its Treatment: Neuroscientific, Historical, and Phenomenological Perspectives

The goal of this seminar will be to critically investigate the concept of schizophrenia as a unitary disease construct, from historical, neuroscientific, and phenomenological approaches, and the implications of these views for our understanding of treatment of the disorder. How are we to make sense of a psychiatric disorder that has changed so substantially in definition over time, with wide interindividual difference in symptom expression and functional outcome, a wide array of competing theories regarding etiology and biological mechanisms, and correspondingly diverse treatment interventions? We will engage these questions through three separate units that will evaluate the disorder from three different levels of analysis: (1) readings in the history of psychiatry and the perspective they cast on schizophrenia as a unitary disease concept; (2) an analysis of contemporary work in neuroimaging and experimental cognition in the disease and the current status of creating a coherent account of neurocognitive mechanisms of the disease, as well as a neurocognitive approach to novel interventions; and (3) new work on understanding the experience of the disease from first-person accounts and the systematic analysis of these

accounts as a window to understanding heterogeneity in the disease and novel approaches for therapy.

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **NSM-PSYC**

Identical With: **NS&B316**

Prereq: **None**

PSYC320 Cognition, Learning, and Instruction in the Classroom

This course examines learning in formal and informal educational settings (primarily K-12) through the lenses of cognitive and developmental psychology. The course is divided into units on the theoretical perspectives on learning and instruction, neuroscience and education, cognition, learning environments, and academic achievement. We start with a focus on prominent theories and principles and recent work integrating neuroscience and educational psychology, so that the applications in the classroom, such as conceptual change, problem solving, strategy development, the design and implementation of instruction, and variables influencing academic achievement are better situated. By the end of the course, students will be able to articulate the interdisciplinary contributions and connections of education, neuroscience, and psychology; critically evaluate and analyze how different theories of learning and research findings influence educational practices; understand how different aspects of thinking (e.g., memory, problem solving) and social context (e.g., schools) affect learning; appreciate the bidirectional contributions of research and educational practice to one another; and acknowledge different perspectives on some of the "big questions" in the learning sciences.

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Prereq: **None**

PSYC322 Psychology of Decision Making

We make decisions all the time. The vast majority of decisions have little consequence, though some are monumental and can deeply affect our lives. The broad goal of this course is to explore the science of judgment and decision making from a cognitive psychological perspective. This means that we will consider how the study of mental processes can inform us about how an individual person's judgments and decisions are made, characteristic patterns and biases of decision making, factors that influence decision making, and whether decision making can be improved. Themes include: What does it mean to be rational, and are humans rational decision makers? How do basic cognitive systems and their interplay underlie more complex decision behavior? What role do affect and emotion play in decision making? How can we move productively between neurobiology, cognition, and social application in thinking about the cognitive psychology of decision making? Do individuals and societies need help in improving decision making, and if so, what kind of help? Overarching goals are to understand the major questions and frameworks that have guided decision research from this perspective, to explore recent empirical studies with an eye toward how they challenge or extend past views, and to generate new research ideas, connections to other disciplines, and practical applications. Foundations of Contemporary Psychology (PSYC 105) and Cognitive Psychology (PSYC 220) are strongly recommended as prerequisites, as this is an upper-level course (that relies on student contributions) in the Psychology Department.

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Prereq: **None**

PSYC324 Culture and Denial

Intensive research on cultural illusion using interpretive methods will be done. Books and movies about women escaping patriarchy will be our primary focus.

Offering: **Host**

Grading: **OPT**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Prereq: **PSYC261**

PSYC325 Healthy Places: Practice, Policy, and Population Health

The built environment influences many aspects of health and well-being: psychological stressors (crime, noise, and violence), what people eat, the water they drink, the air they breathe, where (or if) they work, the housing that shelters them, where they go for health care, what social networks are available for support, and how political power is distributed and public resources allocated. How cities, suburbs, and rural areas are managed; local policy; and planning and design decisions can all help determine whether the places we live will be threats to public health and, perhaps more important, to an aging society. The focus of this course connects the fields of planning, psychology, and public health to explore contemporary challenges (and innovations) in the 21st-century built environment. Students will explore the multiple forces that impact population health, how to analyze these determinants, and what roles planning and public health agencies, as well as other institutions such as local governments, civil society, the private sector, and communities themselves, can play in research and action aimed at improving physical and mental health.

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Identical With: **ENVS325**

Prereq: **None**

PSYC326 The Social Self

This course is on the social self, or better put, our social selves. It will examine how (and why) people influence one another and how this shapes perceptions, beliefs, and attitudes. We will study the ways in which we negotiate our multiple identities in our interactions with others, as well as how our identities are a function of differing social environments.

Offering: **Host**

Grading: **A-F**

Credits: **1.25**

Gen Ed Area: **SBS-PSYC**

Prereq: **None**

PSYC327 Psychology of Conflict Resolution

This course will focus on the psychological causes and consequences of interpersonal, intergroup, and international conflict. Topics discussed will include such issues as the role of power, status, trust, and social identity. Students will learn about various theories related to the causes of conflict, as well as practical techniques for navigating conflict, including negotiation, mediation, and facilitation. Educational programs that teach conflict-resolution skills will also be examined.

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Prereq: **None**

PSYC328 Current Research in Early Childhood

Early childhood is widely seen as a time when the environment exerts particularly strong influences on individuals, with large effects on children's risk or resilience for healthy developmental outcomes. Research in this area provides a way to consider and evaluate claims about this developmental period. What knowledge does society need about this period to promote healthy development for all children? Where do children learn social skills? Why do children play with some toys but not others? How does timing affect the impact of early

interventions? What foundational skills help all children learn to read? By what mechanisms does economic poverty affect development?

This advanced seminar will explore current research in early childhood. We will focus on the period from birth to five years, drawing on empirical work in developmental psychology, cognitive science, and education to discuss major topics and debates. These include cognitive and academic foundations for later schooling; emotional development and social skills; social identity and sense of self; self-regulation and executive functions; play; adverse factors in development; risk, resilience, and vulnerability; culture, socioeconomic status, and poverty; developmental neuroscience; early childhood education; and public policy. Guest visits by experts in some of the areas will complement our readings and discussions.

Offering: **Host**

Grading: **OPT**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Prereq: **None**

PSYC329 Neural Costs of War

This course focuses on stress reactions that result because of exposure to war, combat, and related atrocities. You will learn about the diagnosis of PTSD, including its development and history. There is a strong emphasis on the neural and cognitive mechanisms for stress-related psychopathology and the overlap of psychological and neural systems with the damaging effects of traumatic brain injury. While interactions of these mechanisms with social and cultural processes are considered, the primary emphasis is on the neural and cognitive mechanisms. To be fully prepared for this course, students should have a solid grounding in neuroscience and behavior, as well as basic psychopathology.

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Identical With: **NS&B329**

Prereq: **None**

PSYC338 Masculinities

This course examines masculinities and the psychology of men using theories and research findings. We survey a range of perspectives on men and masculinity, drawing from evolutionary theory, cognitive psychology, psychoanalysis, social psychology, and queer theory. We will ask how the psychological attributes associated with men relate to private life and public spaces, and whether our enactments and conceptions of masculinity have changed over time. Exploration of these questions will be informed by both psychological research and close analysis of media representations; the course thus emphasizes methods for examining representations of masculinity in science and the media.

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Identical With: **FGSS338, SISP338**

Prereq: **PSYC105 OR [FGSS209 or ENGL208]**

PSYC341 Psychology of Human Memory

This seminar course is designed to provide students with an in-depth exploration of the psychological science of human memory. We will examine current issues and theories in human memory research and the methods by which human memory is explored. Both classic and contemporary research findings from the disciplines of cognitive psychology, cognitive neuroscience, and neuropsychology will be brought together to paint a picture of the current understanding of human memory. Topics to be covered include different memory systems and frameworks (e.g., working memory, semantic memory, episodic memory), remembering and forgetting (e.g., phenomenal experience of remembering, various mechanisms of forgetting), reality/source monitoring

(e.g., memory attributions, true and false memories), the influence of emotional and social factors on memory (e.g., social remembering), and memory in clinical populations.

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Identical With: **NS&B341**

Prereq: **None**

PSYC342 Music Perception and Cognition

This course provides an overview of the perceptual, cognitive, and neural bases of performing, composing, and listening to music. Topics include acoustics and biological processing of sound; theories and empirical research on pitch, rhythm, harmony, melody, timbre, and orchestration; similarities and differences between music and language; evolution and development of musical ability; and special populations in musical functions. Meetings each week will include laboratory demonstrations and exercises in experiment design and data analysis.

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **NSM-PSYC**

Identical With: **NS&B342**

Prereq: **None**

PSYC343 Sleep and Psychosocial Functioning in Youth

Have you ever wondered whether it's worthwhile to pull an all-nighter in hopes of improving your grades on an exam the next day? Have you ever noticed that you snack more when you're having trouble sleeping? And why is it that some individuals seem to have the most energy late at night, while others are most alert early in the morning? This course is designed to orient students to the fascinating world of sleep and psychosocial functioning. We will briefly explore the architecture of sleep and analyze theoretical explanations for the functions of sleep. The bulk of the course will focus on examining predictors and consequences of ("normal") sleep in relation to various aspects of psychosocial functioning, including mental health, interpersonal relationships, technology use, cognitive functioning, and chronotype. We will examine these associations specifically within the context of late childhood, adolescence, and emerging adulthood. As part of this course, you will have the opportunity to track your own sleep via an objective sleep monitor and keep a sleep diary for part of the course.

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Prereq: **PSYC105**

PSYC344 The Rise of the Neurosciences

This course examines the expansion and proliferation of the neurosciences from the early modern period to the present. We will investigate the recent claim that we are living in the midst of a "neuro-revolution" with vast social, political, and economic consequences around the globe. Yet at the same time, we will look to the past for similar moments of transition and transformation of the modern sciences abetted by experiments on the nervous system. Students will analyze texts from Descartes to Damasio, paying attention to the rhetorical explanatory power of certain epistemic objects and instruments--samples of brain tissue, synaptic networks, clinical case histories, and MRI scans--as well as the institutional power shifts that sanctioned research practices such as vivisection, phrenology, electrophysiology, and functional imaging. Through our reading of primary sources by philosophers and physicians and secondary sources by historians and sociologists, this course will explore what is at stake in the "neuro-turn," and why it provokes such a mixed reaction of hope and hype, then as well as now.

Offering: **Host**

Grading: **OPT**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Identical With: **SISP344**

Prereq: **None**

PSYC347 Science of Suicide Risk & Prevention

This course will explore the science of suicide research, prevention, and intervention. Topics will include terminology, epidemiology, historical and contemporary theories of suicide, ethical and methodological challenges to suicide research, risk and protective factors, empirically supported approaches to prevention and intervention, suicide in the media and popular culture, and emerging issues and controversies in the field of suicidology. In many ways, the field of suicide research is young and knowledge is rapidly changing. Special attention will be paid to novel methodological advances in clinical psychological science. The course will use books, empirical articles, class discussion, critical thinking, exams, and writing assignments to accomplish its learning objectives. This course is not designed to resolve personal experiences with suicidal thoughts, suicide loss, or mental illness nor will it address assessing suicide risk among friends or family members.

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Prereq: **None**

PSYC348 Origins of Knowledge

In this course we will discuss in depth a selection of current topics in cognitive development, centering on questions concerning the origins of knowledge. (What kinds of knowledge do we possess even very early in life? How does that knowledge change over time?) We will examine these questions within specific subject areas such as object perception, space perception, number understanding, and understanding of other minds, surveying evidence from different stages of human individual development as well as evidence from nonhuman species.

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Identical With: **NS&B348**

Prereq: **None**

PSYC349 Introduction to Madness Studies

What does it mean to be "mad"? Are all mad people mentally ill? In recent years, just as clinical psychologists and psychiatrists have honed their technico-scientific infrastructures for studying and classifying psychopathology, a nascent academic discipline called "madness studies" has emerged. Madness studies aims to interrogate and diversify discourse about unusual, extreme, and distressing mental states, as well as to reclaim languages about madness that are viewed as inappropriate and stigmatizing. This course explores the recent history of madness studies as an academic discipline, charting its relationship to historical shifts in mental health research and practice, as well as to related interdisciplinary arenas such as disability studies, liberation psychology, and the philosophy of psychiatry. We examine the rise of consumer, survivor, and ex-patient (C/S/X) movements, exploring differences among those who identify as having mad pride and mental illness. With particular focus on first-person accounts of lived experience, readings cover issues of epistemic and social justice in mental health discourse. Throughout the course, students attend to pluralistic ways of understanding and studying madness, including biopsychiatric, psychosocial, spiritual, and indigenous approaches.

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Prereq: **None**

PSYC350 Seminar in Eating Disorders

This advanced seminar will explore contemporary psychological theories and multidisciplinary empirical research of anorexia nervosa, bulimia nervosa, and binge eating disorder. Using eating disorders as an example, we will study how culture, familial factors, and personal vulnerability contribute to risk for psychiatric disorders.

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Identical With: **FGSS318**

Prereq: **None**

PSYC353 Neurobiology of Neurological Disorders

This course aims to provide a foundation in the underlying mechanisms of neurological and psychiatric disorders. We will explore through lectures and readings of primary literature a number of important neurological and psychiatric diseases, including autism, schizophrenia, Alzheimer's disease, mental retardation, epilepsy, and Parkinson's disease. This course focuses on the fundamental molecular and cellular mechanisms that underlie neurological disorders and is designed to engage students who wish to study basic aspects of brain function.

Offering: **Crosslisting**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **NSM-NSB**

Identical With: **NS&B353, BIOL353**

Prereq: **[NS&B213 or BIOL213 or PSYC240]**

PSYC355 Psychology of Reading

The study of the psychology of reading encompasses many aspects of human cognition: from sensation and perception to comprehension and reasoning. This class will provide an overview of research in the psychology of reading. Topics such as word recognition, eye movements during reading, comprehension, learning to read, methods of teaching reading, the brain and reading, reading in different languages, and reading impairments in children and adults will be covered.

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **NSM-PSYC**

Prereq: **None**

PSYC356 Neurodevelopmental Disorders

This course aims to provide a foundation in the underlying mechanisms of neurodevelopmental disorders. We will explore through lectures and readings of primary literature a number of important neurological and psychiatric diseases, including genetic disorders such as Down syndrome, Fragile X, and Williams syndrome; spectrum disorders such as autism and fetal alcohol syndrome; ADHD, Tourettes, cerebral palsy, and some motor disorders including developmental coordination disorder, stereotypic movement disorder, sensory integration disorder, and neonatal hypoxia. This course focuses on the fundamental molecular and cellular mechanisms that underlie neurological disorders and is designed to engage students who wish to study basic cellular aspects of brain function.

Offering: **Crosslisting**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **NSM-NSB**

Identical With: **NS&B356, BIOL356**

Prereq: **[NS&B213 or BIOL213 or PSYC240]**

PSYC357 Seminar on Language and Thought

This course is an advanced seminar on the relationship between language and thought, a central question in cognitive science and a very active area of research and theory in recent years. Students will be exposed to theoretical and empirical work evaluating the hypothesis that the language you speak influences or even determines the thoughts you can think. The case studies to be evaluated will include object kinds, number, spatial relations, time, gender, theory of mind, and causality.

Offering: **Host**

Grading: **OPT**

Credits: **1.00**

Gen Ed Area: **NSM-PSYC**

Prereq: **None**

PSYC359 Making the Psychological: Discovering, Manufacturing, Circulating

Psychology aims to explain human experiences and thoughts, including unconscious ones. Using scientific methods, psychology produces valid representations of human nature, names them, and circulates that knowledge for both its truth value and usefulness to society and individuals. Despite much success in these aims, the validity of much of psychology's knowledge is in being challenged - as evidenced in recent concerns about the reproducibility of experiments. We will examine the epistemic grounds of psychology's truth claims and consider alternative models that understand the truth claims to be enactments, constructions, or ideologies that rehearse cultural beliefs. Case studies of science-based knowledge eventually found to be inaccurate or exaggerated (priming research; the power pose) are used to examine how some truth claims are generated and challenged, and cases of robust research are used to explore how some truth claims acquire credibility inside and outside the laboratory. We ask, too, how these claims travel to be taken up as new ways for individuals to experience the self and social world, and examine the public's and our own aspirations to expand consciousness and act otherwise. Students will develop case studies of psychological knowledge, its validation, circulation, and effects in the world.

Offering: **Crosslisting**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **SBS-CHUM**

Identical With: **CHUM359, SISP360**

Prereq: **PSYC105**

PSYC361 The Psychology of Prejudice and Discrimination

This seminar offers a social psychological analysis of different forms of prejudice and discrimination, including racism, sexism, anti-Semitism, heterosexism, and less recognized forms of bias, such as the exploitation and control of indigenous peoples, animals, and the natural environment.

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Identical With: **AFAM361**

Prereq: **PSYC260**

PSYC365 Seminar on Emotion

This seminar aims to provide an intensive introduction to what emotions are and how they influence our relations with other people. The seminar will cover general theory on emotion as well as theory on specific emotions (e.g., anger, shame, envy, humiliation). As emotions are multicomponential processes, we will examine how the social context shapes different components of the emotion process (e.g., phenomenological experience, regulation, and expression of emotion). Moreover, we will explore how emotions operate at the individual, interpersonal, intergroup, and cultural levels of analysis.

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Prereq: **PSYC105**

PSYC379 Advanced Research in Conceptual Development

Students in this course work on new and ongoing research projects in the Cognitive Development Laboratory. Students will be individually matched to a research project and participate in all aspects of research including background literature review and designing, running, and analyzing experiments.

Offering: **Host**

Grading: **OPT**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Prereq: **None**

PSYC380 Advanced Research on Attitudes

This advanced undergraduate research course is designed to help students conduct a group research project on attitudes. Students will work in close collaboration with the instructor to design, plan, and conduct an original study on social cognition and attitudes. It will include weekly meetings to discuss relevant literature, plan the study, and evaluate progress on the project that is expected to culminate in a publication-style write-up of the results.

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Prereq: **None**

PSYC381 Project-Based Programming for Research

This project-based course will introduce students to programming in the context of research design, data visualization, and analysis of big data, focusing on the essential concepts and tools needed to carry out research and problem solving and to keep abreast of new technologies. We will survey these topics by combining scientific problems and modern programming approaches, and students will learn the fundamentals of programming required for structuring and conducting research.

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **NSM-PSYC**

Identical With: **QAC261**

Prereq: **None**

PSYC383 Advanced Research in Learning and Memory

This advanced research course is designed to allow students to conduct supervised research in the area of human learning and memory. Students will become familiar with both classic and contemporary studies in memory and undertake a semester-long experimental research project that seeks to answer a current question in the field of memory research either individually or as a group. Students will get to work on all aspects of the research project, including reviews of the background literature; generation of research ideas; the design, conduct, and analysis of a study; and a write-up of research findings in a journal-article format.

Offering: **Host**

Grading: **OPT**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Identical With: **NS&B383**

Prereq: **None**

PSYC384 Advanced Research in Cognitive Development

This course is designed to allow advanced students to conduct a supervised group research project in cognitive development. Working with the instructor, students will conduct an experiment that seeks to answer a current question in the field of cognitive development.

Offering: **Host**

Grading: **A-F**
 Credits: **1.00**
 Gen Ed Area: **NSM-PSYC**
 Prereq: **None**

PSYC386 Advanced Research in Sleep

This advanced research course is designed to provide students with an in-depth understanding of how to critique and analyze psychological research. Specifically, we will focus on research within the field of sleep and psychosocial functioning. This seminar course takes an intensive lab-based approach. Students will have access to a comprehensive dataset that includes assessments of stress, anxiety, depression, physical activity, interpersonal relationship quality, personality, procrastination, and chronotype. Based on this data, students will be expected to commit to a semester-long project, which involves analyzing data and reporting findings on a self-selected topic. Upon completion of this course, students will have a strong working knowledge of the field of sleep and psychosocial functioning. This course also provides opportunities for students to develop analytical, writing, critical thinking, and presentation skills. Students also will gain data analytic skills using the Statistical Package for the Social Science (SPSS) program.

Offering: **Host**
 Grading: **A-F**
 Credits: **1.00**
 Gen Ed Area: **SBS-PSYC**
 Prereq: **(PSYC105 AND PSYC200)**

PSYC387 Advanced Research in Community Psychology

This course is an advanced research special-topics seminar that will provide individualized training in research, managing data, and various statistical methods.

Offering: **Host**
 Grading: **A-F**
 Credits: **1.00**
 Gen Ed Area: **SBS-PSYC**
 Prereq: **None**

PSYC388 Advanced Research in Measurement

In this advanced seminar on psychological measurement, students will receive individualized mentoring from the instructor on each aspect of the course, including conducting an in-depth literature review on a topic, developing a new measurement instrument, gathering and analyzing pilot data using a variety of advanced statistical methods (e.g., factor analysis, Rasch measurement, item response theory), and writing a professional paper reporting on the results and future directions.

Offering: **Host**
 Grading: **A-F**
 Credits: **1.00**
 Gen Ed Area: **NSM-PSYC**
 Prereq: **PSYC105**

PSYC390 Experimental Investigations into Reading

Experienced readers can easily recognize thousands of words. The mental dictionaries of these readers are efficiently organized to allow rapid and seemingly effortless word recognition. There are still many unanswered questions about the processes involved in visual word recognition. In this class, students will work together with the instructor to design and carry out an experimental investigation relating to reading and word recognition. The semester will provide students with a chance to integrate all aspects of the experimental process: idea formation, experimental design, data collection and analysis, interpretation, write-up, and presentation.

Offering: **Host**
 Grading: **A-F**
 Credits: **1.00**
 Gen Ed Area: **NSM-PSYC**

Identical With: **NS&B390**
 Prereq: **None**

PSYC391 Advanced Research in Cultural Phenomenology

This seminar is designed for seniors doing theses in cultural psychology to share their ideas and for juniors who are thinking about a thesis to explore various research directions.

Offering: **Host**
 Grading: **OPT**
 Credits: **1.00**
 Gen Ed Area: **SBS-PSYC**
 Prereq: **PSYC261**

PSYC392 Behavioral Methods in Affective Neuroscience

This research methods course teaches experimental design and methods in experimental psychopathology using tools to conduct behavioral research in cognitive-affective neuroscience. Course material includes studies from the contemporary psychopathology research literature, with a focus on emotion interactions. Methods taught will vary by semester and individual research projects and will include statistical procedures (e.g., repeated measures ANOVA), tools for conducting research and analyzing data (e.g., computer programming for stimuli presentation and data processing), and neuroimaging techniques (e.g., event-related potential). There is high expectation that those enrolled in this course will take initiative to extend their learning to areas for which they have specific interests related to the course objectives. Students are also expected to work independently.

Offering: **Host**
 Grading: **A-F**
 Credits: **1.00**
 Gen Ed Area: **NSM-PSYC**
 Identical With: **NS&B392**
 Prereq: **None**

PSYC393 Advanced Research in Cognition and Neuropsychiatric Illness

Students in this advanced undergraduate research course will work in teams on novel and ongoing research studies focused on understanding neurocognitive dysfunction and its treatment in neuropsychiatric illness. Students will be matched to a research project and will participate in different aspects of this research including background literature review, acquiring elementary skills in neurocognitive and symptom assessment, and collecting and/or analyzing extant data using SPSS. Students may also be involved in learning cognitive training procedures.

Offering: **Host**
 Grading: **OPT**
 Credits: **1.00**
 Gen Ed Area: **NSM-PSYC**
 Identical With: **NS&B393**
 Prereq: **None**

PSYC394 Advanced Research in Prejudice and Stereotyping

This course will provide an overview of how to conduct experimental research in social psychology with a particular emphasis on prejudice and stereotyping. The course will progress through all stages of the research process, from idea generation to presentation of findings. Students will learn about a variety of current experimental measurement techniques (both explicit and implicit measures). Groups of students will design and carry out research projects, analyze data, and present findings to the class. In addition, students will complete weekly assignments on methodology and write a final research paper.

Offering: **Host**
 Grading: **A-F**
 Credits: **1.00**
 Gen Ed Area: **SBS-PSYC**
 Prereq: **PSYC260**

PSYC395 Introduction to Statistical Consulting

In this course, students will be exposed to realistic statistical and scientific problems that appear in typical interactions between statisticians and researchers. The goal is for students to apply what they have learned in their basic statistics and data analysis courses to gain greater experience in the areas of research collaboration, data management and analysis, and writing and presenting reports on the results of the analyses. An important objective of the course is to help develop communication skills, both written and verbal, as well as the professional standards and interpersonal skills necessary for effective statistical consulting.

Offering: **Crosslisting**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **NSM-QAC, SBS-QAC**

Identical With: **QAC380**

Prereq: **MATH132 OR ECON300 OR PSYC200 OR [QAC201 or SOC257 or GOVT201 or PSYC280 or NS&B280]**

PSYC396 Advanced Research on Culture and Emotion

This course offers an in-depth examination of how culture (e.g., cultural values, norms) influences the emergence, experience, expression, and social consequences of emotions. Students will work in a team on a semester-long research project on culture and emotion (e.g., envy, humiliation, shame, happiness). The course includes advanced theoretical and empirical literature. The readings and research projects will give special attention to how gender intersects with culture in emotional experience and expression. Students will also learn how to adapt methods (e.g., narrative approaches, diary studies, field experiments) and techniques (e.g., adjustment of research measures to specific cultural communities, translation) to study emotions in their cultural context.

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Prereq: **None**

PSYC397 Advanced Research in Clinical Psychology

This advanced research course provides students the opportunity to conduct supervised research in clinical psychology, specifically in the area of suicide and self-injurious behaviors. Depending on the semester and student interests, tasks may include study design, data collection, clinical interviewing, data management, data analysis, and manuscript preparation. Weekly lab meetings will focus on current topics in clinical research and will include student presentations. All students will complete a research paper in journal article format. It is expected that those enrolled in this course will work independently and take initiative to extend their learning in the areas most consistent with their interests.

Note: This course is not designed to resolve personal experiences with suicidal thoughts, suicide loss, or mental illness, nor will it address assessing suicide risk among friends or family members.

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **SBS-PSYC**

Prereq: **None**

PSYC398 Advanced Research in Auditory Cognitive Neuroscience

This course provides in-depth training on the methods of auditory cognitive neuroscience. We will review contemporary studies in auditory cognitive neuroscience, specifically in speech, language, and music. Students will design and implement a group project, learn to analyze the data, and write up the results in an end-of-term paper.

Offering: **Host**

Grading: **OPT**

Credits: **1.00**

Gen Ed Area: **NSM-PSYC**

Identical With: **NS&B398**

Prereq: **None**

PSYC399 Lab in Gambling, Drugs, and Junk Food

This intensive laboratory course provides in-depth training on the experimental methods of behavioral neuroscience of motivation and reward and provides students with HANDS-ON EXPERIENCE WITH ANIMAL RESEARCH USING RODENT MODELS. The capstone of the course is to give students the opportunity to carry out an independent group ANIMAL RESEARCH PROJECT in the lab, which may require a heavier time commitment for the duration of the experiment (including some research over the weekends). Students will LEARN HOW TO HANDLE RATS in a behavioral neuroscience research setting and how to measure reward and motivation using diverse apparatuses such as operant (Skinner) boxes or conditioned place preference chambers; students will also develop their writing and presentation skills. In addition, we will review contemporary studies with a particular focus on gambling, diet-induced obesity, and drug addiction. Some of the models examined in more detail will focus on the role of reward uncertainty and decision-making in gambling, the individual differences in the attraction to reward cues in subjects prone to obesity vs. those who are resistant (with a particular emphasis on prenatal and developmental exposure to high-fat diets), and, finally, the individual differences in the resistance to adverse consequences in models of intense desire and addiction.

Offering: **Host**

Grading: **OPT**

Credits: **1.00**

Gen Ed Area: **NSM-PSYC**

Identical With: **NS&B399**

Prereq: **None**

PSYC401 Individual Tutorial, Undergraduate

Topic to be arranged in consultation with the tutor.

Offering: **Host**

Grading: **OPT**

PSYC402 Individual Tutorial, Undergraduate

Topic to be arranged in consultation with the tutor.

Offering: **Host**

Grading: **OPT**

PSYC407 Senior Tutorial (downgraded thesis)

Downgraded Senior Thesis Tutorial - Project to be arranged in consultation with the tutor. Only enrolled in through the Honors Coordinator.

Offering: **Host**

Grading: **A-F**

PSYC408 Senior Tutorial (downgraded thesis)

Downgraded Senior Thesis Tutorial - Project to be arranged in consultation with the tutor. Only enrolled in through the Honors Coordinator.

Offering: **Host**

Grading: **A-F**

PSYC409 Senior Thesis Tutorial

Topic to be arranged in consultation with the tutor.

Offering: **Host**

Grading: **OPT**

PSYC410 Senior Thesis Tutorial

Topic to be arranged in consultation with the tutor.

Offering: **Host**

Grading: **OPT**

PSYC411 Group Tutorial, Undergraduate

Topic to be arranged in consultation with the tutor.

Offering: **Host**

Grading: **OPT**

PSYC412 Group Tutorial, Undergraduate

Topic to be arranged in consultation with the tutor.

Offering: **Host**

Grading: **OPT**

PSYC419 Student Forum

Student-run group tutorial, sponsored by a faculty member and approved by the chair of a department or program.

Offering: **Host**

Grading: **Cr/U**

PSYC420 Student Forum

Student-run group tutorial, sponsored by a faculty member and approved by the chair of a department or program.

Offering: **Host**

Grading: **Cr/U**

PSYC420A Student Forum

Student-run group tutorial, sponsored by a faculty member and approved by the chair of a department or program.

Offering: **Crosslisting**

Grading: **Cr/U**

PSYC421 Undergraduate Research, Science

Individual research projects for undergraduate students supervised by faculty members.

Offering: **Host**

Grading: **OPT**

PSYC422 Undergraduate Research, Science

Individual research projects for undergraduate students supervised by faculty members.

Offering: **Host**

Grading: **OPT**

PSYC423 Advanced Research Seminar, Undergraduate

Advanced research tutorial; project to be arranged in consultation with the tutor.

Offering: **Host**

Grading: **OPT**

PSYC424 Advanced Research Seminar, Undergraduate

Advanced research tutorial; project to be arranged in consultation with the tutor.

Offering: **Host**

Grading: **OPT**

PSYC465 Education in the Field, Undergraduate

Students must consult with the department and class dean in advance of undertaking education in the field for approval of the nature of the responsibilities and method of evaluation.

Offering: **Host**

Grading: **OPT**

PSYC466 Education in the Field, Undergraduate

Students must consult with the department and class dean in advance of undertaking education in the field for approval of the nature of the responsibilities and method of evaluation.

Offering: **Host**

Grading: **OPT**

PSYC467 Independent Study, Undergraduate

Credit may be earned for an independent study during a summer or authorized leave of absence provided that (1) plans have been approved in advance, and (2) all specified requirements have been satisfied.

Offering: **Host**

Grading: **OPT**

PSYC468 Independent Study, Undergraduate

Credit may be earned for an independent study during a summer or authorized leave of absence provided that (1) plans have been approved in advance, and (2) all specified requirements have been satisfied.

Offering: **Host**

Grading: **OPT**

PSYC470 Independent Study, Undergradua

Credit may be earned for an independent study during a summer or authorized leave of absence provided that (1) plans have been approved in advance, and (2) all specified requirements have been satisfied.

Offering: **Host**

Grading: **OPT**

Credits: **1.00**

Gen Ed Area: **None**

Prereq: **None**

PSYC491 Teaching Apprentice Tutorial

The teaching apprentice program offers undergraduate students the opportunity to assist in teaching a faculty member's course for academic credit.

Offering: **Host**

Grading: **OPT**

PSYC492 Teaching Apprentice Tutorial

The teaching apprentice program offers undergraduate students the opportunity to assist in teaching a faculty member's course for academic credit.

Offering: **Host**

Grading: **OPT**

PSYC496 Research Apprentice, Undergraduate

Project to be arranged in consultation with the tutor.

Offering: **Host**

Grading: **Cr/U**

PSYC500 Graduate Pedagogy

The elements of good teaching will be discussed and demonstrated through lectures, practice teaching sessions, and discussions of problems encountered in the actual teaching environment. The staff consists of faculty and experienced graduate students. An integral part of the course is a required one-day workshop BEFORE the first day of formal classes.

Training in pedagogy in the first semester of attendance is required for all incoming Wesleyan MA and PhD students who have not already fulfilled this requirement at Wesleyan. BA/MA students are not required to get training in pedagogy but may choose to do so.

Offering: **Crosslisting**

Grading: **Cr/U**

Credits: **0.50**

Gen Ed Area: **None**

Identical With: **E&ES500, CHEM500, BIOL500, ASTR500, MB&B500, MUSC500, PHYS500, MATH500**

Prereq: **None**

PSYC501 Individual Tutorial, Graduate

Topic to be arranged in consultation with the tutor.

Offering: **Host**

Grading: **OPT**

PSYC502 Individual Tutorial, Graduate

Topic to be arranged in consultation with the tutor.

Offering: **Host**

Grading: **OPT**

PSYC503 Selected Topics, Graduate Sciences

Topic to be arranged in consultation with the tutor. A seminar primarily concerned with papers taken from current research publications designed for, and required of, graduate students.

Offering: **Host**

Grading: **OPT**

PSYC504 Selected Topics, Graduate Sciences

Topic to be arranged in consultation with the tutor. A seminar primarily concerned with papers taken from current research publications designed for, and required of, graduate students.

Offering: **Host**

Grading: **OPT**

PSYC511 Group Tutorial, Graduate

Topic to be arranged in consultation with the tutor.

Offering: **Host**

Grading: **OPT**

PSYC512 Group Tutorial, Graduate

Topic to be arranged in consultation with the tutor.

Offering: **Host**

Grading: **OPT**

PSYC520 Advanced Research Seminar

This advanced research seminar will examine the substantive and practical issues inherent in psychological research and inquiry.

Offering: **Host**

Grading: **A-F**

Credits: **1.00**

Gen Ed Area: **None**

Prereq: **None**

PSYC549 Advanced Research Seminar, Graduate

Advanced research tutorial; project to be arranged in consultation with the tutor.

Offering: **Host**

Grading: **OPT**

PSYC550 Advanced Research Seminar, Graduate

Advanced research tutorial; project to be arranged in consultation with the tutor.

Offering: **Host**

Grading: **OPT**

PSYC561 Graduate Field Research

Research in the field, normally on thesis project.

Offering: **Host**

Grading: **A-F**

PSYC562 Graduate Field Research

Research in the field, normally on thesis project.

Offering: **Host**

Grading: **OPT**