Fall 2016 Course Descriptions

PSYC 1010-1: Introductory Psychology
Instructor: Smyth
Meeting Time: Tu/Th 12:30-1:45; GIL 130
Credits: 3
Prerequisites: None
Enrollment Restrictions: None
If this course is full through SIS: Please use the online wait list. Do not email the professor.
Description: Overview of psychology from both the social science and natural science perspectives. The lectures will be focused on issues in human development, personality theory, abnormal psychology, behavior disorders, social psychology, intelligence, language, learning, memory, and cognitive and sensory processes.

PSYC 1010-2: Introductory Psychology
Instructor: TBA
Meeting Time: Tu/Th 3:30-4:45; GIL 130
Credits: 3
Prerequisites: None
Enrollment Restrictions: None
If this course is full through SIS: Please use the online wait list. Do not email professor.
Description: Overview of psychology from both the social science and natural science perspectives. The lectures will be focused on issues in human development, personality theory, abnormal psychology, behavior disorders, social psychology, intelligence, language, learning, memory, and cognitive and sensory processes.

PSYC 2100: Introduction to Learning
Instructor: Williams
Meeting Time: Tu/Th 12:30-1:45; GIL 190
Credits: 3
Prerequisites: None
Enrollment Restrictions: none
If this course is full through SIS: Please use the online wait list. Do not email professor.
Description: The course will examine historical and current theories that explain how different types of learning provide the foundation for most, if not all forms of an organism's behavior. We will cover these theories by carefully examining the most important research experiments that contributed to our current understanding of the
principles and concepts that shape our behavior. The lecture content will focus heavily on experimental findings derived from research of learning processes in human and non-human species. The concept of Learning will be explored from the perspective of theories of Classical Conditioning, Operant Conditioning and more recent theories of the organization of behavior derived from human studies.

PSYC 2150: Introduction to Cognition
Instructor: Willingham
Meeting Time: Tu/Th 9:30-10:45; GIL 130
Credits: 3
Prerequisites: None
Enrollment Restrictions: None
If this course is full through SIS: Please use the online wait list. Do not email professor.
Description: Cognition is the activity of knowing: the acquisition, organization, and use of knowledge. Emphasizing fundamental issues, this course introduces such basic content areas in cognitive psychology as perception, memory, language, cognitive development, and philosophy of science.

PSYC 2200: Neural Basis of Behavior
Instructor: Brunjes
Meeting Time: M/W/F 10-10:50; GIL 130
Credits: 3
Prerequisites: None
Enrollment Restrictions: None
If this course is full through SIS: Please use the online wait list. Do not email professor.
Description: One approach to understanding human behavior is to consider ourselves from a biological perspective. This course attempts to do so by examining how the brain guides behavior. The first portion is an overview of the structure and function of the central nervous system. With this knowledge, we then examine how the brain controls a variety of higher behaviors, including learning and memory, sex, emotions and sleeping.

PSYC 2300: Introduction to Perception
Instructor: Proffitt
Meeting Time: Tu/Th 2-3:15; GIL 190
Credits: 3 (optional 1 Credit lab)
Prerequisites: none
If this course is full through SIS: Please use the online wait list. Do not email the Professor.
Description: Study of selected topics in perception, particularly visual perception; the role of stimulus variables, learning and motivation of perception.

PSYC 2400: Introduction to Personality Psychology  
Instructor: TBA  
Meeting Time: Tu/Th 5:00-6:15; GIL 130  
Credits: 3  
Prerequisites: None  
Enrollment Restrictions: None  
If this course is full through SIS: Please use the online wait list. Do not email professor.  
Description: Introduces the major approaches, methods, and findings in the field of personality psychology. Topics include sex-typing, identification and observational learning, frustration and aggression, stress, anxiety, defense, self-control, altruism, self-concepts, authoritarianism, achievement motivation, and sensation-seeking.

PSYC 2600: Introduction to Social Psychology  
Instructor: Oishi  
Meeting Time: Tu/Th 11-12:15; GIL 130  
Credits: 3 (1 credit discussion section is optional but must be taken concurrently)  
Prerequisites: None  
Enrollment Restrictions: None  
If this course is full through SIS: Please use the online wait list. Do not email professor.  
Description: A survey of the major topics in social psychology, including social perception, social cognition, attitudes and persuasion, conformity, helping relationships, and stereotyping and prejudice. Research, theory and applications of social psychology are considered.

PSYC 2700: Introduction to Child Psychology  
Instructor: Lillard  
Meeting Time: Tu/Th 2-3:15; GIL 130  
Credits: 3 (three hours lecture, one hour discussion section optional but must be taken concurrently)  
Prerequisites: Psychology 1010 strongly recommended; top students will be fine without  
Enrollment Restrictions: None  
If this course is full through SIS: Please use the online wait list. Do not email professor.  
Description: This course provides an introduction to psychological development from birth through adolescence, with particular emphasis on early childhood. The nature of
changes during development, as well as the methods of study and theorizing about development are discussed.

PSYC 3005-1: Research Methods & Data Analysis I
Instructor: Morris
Meeting Time: Tu/Th 8:00-9:15; GIL 190
Credits: 4 (Required lab section)
Prerequisites: PSYC 1010 or any 200-level PSYC course and one of the following math courses with a grade of C- or higher: MATH 1210 (Applied Calculus I), MATH 1212 (Applied Calculus I with Algebra), MATH 1220 (Applied Calculus II), MATH 1310 (Calculus I), MATH 1320 (Calculus II), APMA 1090 (Single Variable Calculus I), or APMA 1110 (Single Variable Calculus II). Students with transfer credit or AP credit in one of these courses (e.g., AP Calculus AB, or AP Calculus BC) are exempt from the requirement.
Enrollment Restrictions: None
If this course is full through SIS: Please use the online wait list. Do not email professor.
Description: Introduction to research methods in psychology, integrating statistical analysis. Emphasis on descriptive statistics and non-experimental research methods. Use of computers for data analysis, experimentation, and report writing. This course is required for majors and is the first part of a two-part series (PSYC 3005-PSYC 3006).

PSYC 3005-2: Research Methods & Data Analysis I
Instructor: Smyth
Meeting Time: Tu/Th 3:30-4:45; GIL 190
Credits: 4 (Required lab section)
Prerequisites: PSYC 1010 or any 200-level PSYC course and one of the following math courses with a grade of C- or higher: MATH 1210 (Applied Calculus I), MATH 1212 (Applied Calculus I with Algebra), MATH 1220 (Applied Calculus II), MATH 1310 (Calculus I), MATH 1320 (Calculus II), APMA 1090 (Single Variable Calculus I), or APMA 1110 (Single Variable Calculus II). Students with transfer credit or AP credit in one of these courses (e.g., AP Calculus AB, or AP Calculus BC) are exempt from the requirement.
Enrollment Restrictions: None
If this course is full through SIS: Please use the online wait list. Do not email professor.
Description: Introduction to research methods in psychology, integrating statistical analysis. Emphasis on descriptive statistics and non-experimental research methods. Use of computers for data analysis, experimentation, and report writing. This course is required for majors and is the first part of a two-part series (PSYC 3005-3006).
PSYC 3006: Research Methods & Data Analysis II
Instructor: Schmidt
Meeting Time: M/W/F 9:00-9:50; GIL 190
Credits: 4 (Required lab section)
Prerequisites: PSYC 3005 (with a C or higher)
Enrollment Restrictions: Psyc Majors/Minors, CogSci Majors
If this course is full through SIS: Please use the online wait list. Do not email professor.
Description: Second part of a two-part series required for psychology majors. Emphasis on inferential statistics (t-tests and ANOVA) and issues in experimentation. A continuation of research methods in psychology, including computer-controlled experimentation, integrated with computer-based exploratory data analysis, and elementary statistical analysis. Three lecture hours, two laboratory hours.

PSYC 3210: Psychobiology Laboratory
Instructor: Meliza
Meeting Time: W 3:30-6:00; RUF G008
Credits: 3
Prerequisites: PSYC 2200 or 4200; PSYC 3005 recommended
Enrollment Restrictions:
If this course is full through SIS: Please use the online wait list. Do not email professor.
Description: Develops skills necessary for the study of neural bases of behavior, such as brain dissection, aseptic surgical technique, lesions, behavioral analysis, and histology. Emphasis is on mastering contemporary techniques used in neuroscience research and effective, professional written presentation of research findings. Four laboratory hours.

PSYC 3410: Abnormal Psychology
Instructor: Coan
Meeting Time: M/W 2:00-3:15; GIL 190
Credits: 3
Prerequisites: 6 credits in psychology, including preferably PSYC1010
Enrollment Restrictions: Psychology majors/minors have priority registration
If course is full through SIS: Please use the online waiting list. Do not email the professor.
Description: This is an introductory course in psychopathology, or the scientific study of mental disorders. It will focus on the description of specific forms of abnormal behavior and the ways in which they are studied.
PSYC 3460: Psychological Study of Children, Families and the Law
Instructor: Reppucci
Meeting Time: Tu/Th 11-12:15; GIL 141
Credits: 4 (Required lab section--Graded option only)
Prerequisites: Six credits in Psyc or instructor permission
Enrollment Restrictions: Psychology majors/minors have priority registration; but others are encouraged to enroll.
If course if full through SIS: Please use the Automatic Wait list. Do not email the professor.
Description: Goal: To acquaint the student with various issues in the law that have an impact on children and with psychological research and practice regarding children and families that is germane to legal policy. The course is based in developmental, clinical and community psychology theory and research. Topics include: (1) child, family, state and the rights and prerequisites of each; (2) children's decision making and capacities to provide informed consent; (3) the juvenile justice system and delinquency; (4) state intervention in families, especially child abuse and child custody; (5) child witnesses; (6) adolescent reproductive rights; (7) ethics and the limits of psychological expertise in juvenile and family law.

PSYC 3480: Adolescence: Theory and Development
Instructor: Allen
Meeting time: Tu/Th, 9:30-10:45; GIL 190
Prerequisites: Psyc 2700 or 6 hours in Psychology
Enrollment Restrictions:
If course is full through SIS: Please use the online wait list. Do not e-mail the professor.
Description: Course focus: 1) Background and theories of adolescence, 2) contributions to adolescence from: puberty, intellectual growth, and identity formation, 3) contexts of adolescence: the family situation, peer groups, school, and culture, 4) special topics of adolescence: religious, moral, and sexual development, sex roles, career planning (and achievement), disorders (drugs, delinquency, depression, suicide, etc.).

PSYC 3490: Infant Development
Instructor: Grossmann
Meeting time: Tu/Th, 11:00-12:15; GIL 190
Prerequisites: Psyc 1010 and 2700 or instructor permission
Enrollment Restrictions:
If course is full through SIS: Please use the online wait list. Do not e-mail the professor.
Description: After consideration of the sensory, motor, and homeostatic equipment of the newborn, the following lines of development during the first two years of life is traced in some detail: locomotor, perceptual, cognitive, social, and emotional development. The effects on development of environmental influences, including parental behavior are considered, as well as the effect the infant has on his caregivers.

PSYC 3559-1: Arts & Sciences and Civic Engagement: The Science and Lived Experience of Autism
Instructor: Jaswal
Meeting Time: Tu/Th 9:30-10:45, GIL 166
Credits: 3 each semester (This is a year-long course.)
Prerequisites: Enrollment Restrictions Instructor permission required. Questions to answer when requesting the course: “Why are you interested in this seminar? What experience, if any, have you had with autism or other developmental disabilities?” If this course is full through SIS: Please use the online wait list. Do not e-mail the professor.
Description: This year-long, interdisciplinary seminar will explore how well the science of autism captures the experience of those living with autism and their families. Students will critically evaluate research in psychology, psychiatry, neuroscience, and education, and they will work together with members of the autism community to identify new research questions that reflect the interests and concerns of the people who are most affected by autism science.

PSYC 3970: Research in Affective Forecasting
Instructor: T. Wilson
Meeting Time: Mo 3:30-6:00; GIL 225
Credits: 3
Prerequisites: Enrollment Restrictions: Instructor permission required
If this course is full through SIS: Please use the online wait list. Do not e-mail the professor.
Description: This is a hands-on course in which students participate in ongoing research on affective forecasting, or the way in which people make predictions about their emotional reactions to future events. Students will serve as research assistants to the faculty member & graduate students to help with all phases of the research: design experiments, research its theoretical underpinnings, collect data, analyze the data, attend lab meetings.

PSYC 4115: Multiculturalism in the Deaf Community
Instructor: Hanumantha
Meeting Time: Tu/Th 9:30-10:45; CAB 383
Credits: 3
Prerequisites:
Enrollment Restrictions: 4th year Psyc major/minor. Enrollment not allowed in more than one 4000- or 5000-level PSYC course
If this course is full through SIS: Please use the online wait list. Do not e-mail the professor.
Description: Explores cultural influences on identity development, family systems, linguistics, engagement with educational and community agencies, and resilience within the Deaf community. The interaction of culture, identity and language will be highlighted and applied to future trends for groups within the Deaf community, such as children of Deaf adults, LGBT community members, ethnic minority groups, women, and persons with disabilities.

PSYC 4200: Neural Mechanisms of Behavior
Instructor: Erisir
Meeting Time: M/W 2-3:15; GIL 166
Credit: 4 (required lab section)
Prerequisites: PSYC 2200 or Instructor Permission. Prerequisite or corequisite: PSYC 3210 recommended.
Enrollment Restrictions: 4th years: Psyc majors/minors, Cog. Science and Neuroscience majors. Enrollment not allowed in more than one 4000- or 5000-level PSYC course.
If course is full through SIS: Please use the Permission list. Do not email the professor.
Description: Lectures and discussion will cover molecular and cellular aspects of neural mechanisms as they relate to behavior. Topics will include neuroanatomy, neurophysiology, neurotransmitters and receptors, neuropharmacology, cortical organization and function, plasticity and neurodegenerative diseases.

Psyc 4250: Brain Systems Involved in Memory
Instructor: Williams
Meeting Time: Tu/Th 11:00-12:15; GIL B001
Credits: 3
Prerequisites: Psyc 2200 or 4200
Enrollment Restrictions: 4th year Psyc major/minor, Cognitive Science or Neuroscience majors. Enrollment not allowed in more than one 4000- or 5000-level PSYC course.
If course is full through SIS: Please use the permission list for the course. Do not email professor.
Description: Studies the major theories, findings, and conceptual issues important to an analysis of the neuronal mechanisms that underlie memory storage.
PSYC 4255: Behavioral Epigenetics
Instructor: Connelly
Meeting Time: Tu/Th 2:00-3:15; GIL 225
Prerequisites: [none]
Enrollment Restrictions: 4th year Psychology and Cognitive Science. Enrollment not allowed in more than one 4000- or 5000-level PSYC course.
Description: We will discuss basic concepts in epigenetics and the role these molecular modifications play in development, behavior, and disorder. Emphasis will be placed on landmark papers and the emerging role for the interaction of nature and nurture.

PSYC 4559-1: Love, Sex, Parenting, Family: From Biology to Society
Instructor: Emery
Meeting Time: Tu 2:00-4:30; GIL B001
Credits: 3
Prerequisites:
Enrollment Restrictions: 4th year psychology major. Enrollment not allowed in more than one 4000- or 5000-level PSYC course.
If course is full through SIS: Please use the permission list for the course. Do not email professor.
Description: This course surveys intimate relationships beginning with animal models and perspectives from evolutionary biology to psychology and ending with a consideration of the many alternative forms of intimate relationships, parenting, and families in contemporary life. The course will integrate basic research with individual, cultural, and other perspectives. Student presentations and papers are a key part of the course.

Psyc 4559-2: Human Nature and Genocide
Instructor: Gampa
Meeting Time:
Prerequisites: Psyc 2600 or instructor permission
Enrollment Restrictions: 4th year psychology major. Enrollment not allowed in more than one 4000-level or 5000-level PSYC course.
If course is full through SIS: Please use the permission list for the course. Do not email professor.
Description: The goal is to situate social psychology in a historical & socio-economic context, and to understand the limitations and strengths of the methods of experimental social psychology. We will do this by engaging with deeply difficult and intriguing topics of human nature and genocide. In addition to studying classic social psychology paradigms and experiments, we will cover critical perspectives such as psychoanalysis, Marxism, and critical theory.

Psyc 4559-3: Pseudoscience and Critical Thinking
Instructor: Lancaster  
Meeting Time:  
Prerequisites:  
Enrollment Restrictions: 4th year psychology major. Enrollment not allowed in more than one 4000-level or 5000-level PSYC course.  
If course is full through SIS: Please use the permission list for the course. Do not email professor.  
Description: This course is a critical evaluation of pseudoscience and irrational thinking. We will examine the societal impact of pseudoscience and review the psychological literature to understand who is susceptible to irrational thinking, and why.

Psyc 4559-4: How Autobiographical Memory Shapes Our Lives  
Instructor: Rowell  
Meeting Time: TBA  
Prerequisites:  
Enrollment Restrictions: 4th year psychology major. Enrollment not allowed in more than one 4000-level or 5000-level PSYC course.  
If course is full through SIS: Please use the permission list for the course. Do not email professor.  
Description: From self-identity to social relationships to mood, memory has an important impact on many aspects of daily life. In this class, we will examine a novel approach to memory research that focuses on the functions of memory. We will discuss a variety of functions, including whether talking about the past can enhance relationship satisfaction and how memories help us form a sense of identity.

PSYC 4559-5: Big Data in Mental Health Research  
Instructor: Xiong  
Meeting Time: Th 3:30-6:00; Thornton D222  
Prerequisites: PSYC 3005 and PSYC 3006 or APMA 3100 and 3120 or course covering probability and statistical techniques such as regression  
Enrollment Restrictions: Psychology Majors/Minors, Cognitive Science Majors and Engineering Majors. Graduate standing. Enrollment not allowed in more than one 4000- or 5000-level PSYC course.  
If course is full through SIS: Please use the permission list for the course. Do not email professor.  
Description: Introduction to research design and computational methods for tracking and analysis of mental health-related data. Students will gain a practical understanding of data science as it relates to mental health. Topics include the use of big data to understand mental health services needs and utilization, along with hypothesis generation and analyses of macro level health data sources, such as electronic medical records and social media.
PSYC 4585: Philosophy of Behavior Genetics  
Instructor: Turkheimer  
Meeting Time: Tu/Th 2:00-3:15; GIL 240  
Prerequisites:  
Enrollment Restrictions: 4th year Psychology majors/minors. Enrollment not allowed in more than one 4000- or 5000-level PSYC course.  
If course is full through SIS: Please use the wait list in SIS. Do not email professor.  
Description: This course will attempt to accomplish two basic goals. First, we will use the Plomin et al. text to establish a basic knowledge of genetics and its interaction with behavior. Second, we will use this knowledge to address some topics in behavioral genetics, using the Plomin et al. text and primary readings.

PSYC 4695: Social Cognition and Social Change  
Instructor: Wilson, T.  
Meeting Time: W 3:30-6:00; GIL 225  
Credits: 3  
Prerequisites: Psyc 2600  
Enrollment Restrictions: 4th year Psychology majors/minors. Enrollment not allowed in more than one 4000- or 5000-level PSYC course.  
Description: This class will examine how research on social cognition -- how people think in a social context -- can be used to address a wide variety of personal and social problems. It will cover both basic research in social psychology and applied research designed to solve personal and social problems.

PSYC 4870: The Minority Family: Psychological Inquiry  
Instructor: Wilson, M.  
Meeting Time: Th 9-11:30; GIL 225  
Credits: 3  
Prerequisites: PSYC 3006 and at least one course from each of the following groups: PSYC 2100, 2150 or 2300, and PSYC 2400, 2700 or 2600, and students in the Afro-American and African studies or studies in women and gender programs  
If course is full through SIS: Please use the automatic wait list in SIS. Do not email professor.  
Enrollment Restrictions: 4th year Psychology majors/minors. Enrollment not allowed in more than one 4000- or 5000-level PSYC course.  
Description: Examines the current state of research on minority families, focusing on the black family. Emphasizes comparing “deficit” and “strength” research paradigms.

PSYC 5160: Emotion and Cognition  
Instructor: Clore  
Meeting Time: Tu 3:30-6:00; GIL 225  
Credits: 3
Prerequisites: Psyc 3005
Enrollment Restrictions: 4th year Psyc major/minor, CogSci Majors, GSAS. Enrollment not allowed in more than one 4000- or 5000-level PSYC course.
If course is full through SIS: Please use the automatic wait list in SIS. Do not email professor.
Description: Description of course contents: The cognition-emotion seminar covers the connection between thinking and feeling in two ways. The first part asks about the causes of emotion, and the second asks about the consequences of emotion. Part 1 concerns the nature and definition of emotion and the role of cognitive appraisals in their elicitation and intensity. Distinctions will be made among concepts such as affect, emotion, mood, and temperament. Part 2 concerns the consequences of emotion for cognition, experience, and behavior. Of interest will be such topics as the effects on judgment and decision-making, processing and performance, and memory and attention, and the role of culture.

PSYC 5265: Functional Neuroanatomy
Instructor: Brunjes
Meeting Time: M/W 2:00-3:15; GIL B001
Prerequisites: PSYC 4200 or BIOL 3170 or graduate standing
Enrollment Restrictions: 4th years: Psychology majors/minors, Cognitive Science majors, Neuroscience majors, GSAS. Enrollment not allowed in more than one 4000- or 5000-level PSYC course.
If course is full through SIS: Please use the wait list in SIS. Do not email professor.
Description: An overview of the structure of the vertebrate nervous system with an emphasis on the mammalian brain.

PSYC 5328: Cognitive Aging
Instructor: Salthouse
Meeting Time: W 9:00-11:30; GIL B001
Credits: 3
Prerequisites:
Enrollment Restrictions: 4th year Psychology majors/minors, Cognitive Science majors, GSAS. Enrollment not allowed in more than one 4000- or 5000-level PSYC course.
If course is full through SIS: Please use the permission list for the course. Do not email professor.
Description: The focus of this seminar will be on the relations between age and cognitive functioning in healthy and individuals with pathologies such as dementia. The topics to be covered will range from methodological issues to neuroanatomical substrates to practical consequences of age-related cognitive changes.

PSYC 5355: Neurobiology of Speech and Language
Instructor: Meliza
Meeting Time: Tu/Th 11:00-12:15; GIL 240
Credits: 3
Prerequisites:
Enrollment Restrictions: 4th year Psychology majors/minors, Cognitive Science majors, GSAS. Enrollment not allowed in more than one 4000- or 5000-level PSYC course.
If course is full through SIS: Please use the permission list for the course. Do not email professor.
Description: An overview of the neural systems underlying production and perception of vocal signals, with a focus on animal models and their application to human communication. Course activities will emphasize discussion and critical review of the primary literature.

PSYC 5559-2: Introduction to Bayesian Methods
Instructor: Tong
Meeting Time: Tu/Th 12:30-1:45; GIL 240
Credits: 3
Prerequisites:
Enrollment Restrictions: 4th years: Psychology majors/minors, Cognitive Science majors; GSAS. Due to broad applications of Bayesian statistics, students in (Quantitative) Psychology, Sociology, Political Sciences, or Computer Sciences are equally welcome.
If course is full through SIS: Please use the permission list for the course. Do not email professor.
Description: This course will provide a practical introduction to classic and modern Bayesian methods, with an emphasis on applications in social sciences. Bayesian estimation for several widely used models in psychology will also be discussed.