Psyc 705: Tests and Measurement (John Mayer)
Mental life (and personality, in particular) is often interior, hidden, and invisible. So how do you measure it? The objective of this course is to introduce the philosophy and procedures of psychological measurement and to examine some common tests and measures such as the SAT, the Big Five Inventory, selected intelligence tests, and the MMPI. Test construction, including the assumptions and methods of classical psychometrics -- a branch of statistics focused on measurement -- are examined. The mathematical background required is the basic course in statistics. Prerequisites: PSYC 402; 502; or permission. WI.

Psyc 710: Visual Perception (William Stine)
Using a quasi-historical approach to the topic, the course is designed around nine classic articles in vision. An overview of the relevant physiology and anatomy, psychophysical methods, and physics in vision science. Working with the classic articles, an introduction to the topic is presented with a review of background material followed by discussion. The articles cover topics ranging from theoretical perspectives to basic sensory processing in vision and visual perception. Authors include von Helmholtz, Hubel and Wiesel, and Wertheimer. Prereq: Psyc 402; 502; 511 or 531; or permission. WI

Psyc 712: Psychology of Language (Maureen Gillespie)
The use, development, and evolution of human language through a series of case studies and other readings. Topics may include aphasia syndromes, autism, bilingualism, implications of surgical procedures (removing an entire cerebral hemisphere or severing the corpus callosum), hearing loss and sign language, isolation and "wild child" syndrome, dyslexia, language "genes" and specific language impairment, Williams syndrome, and efforts to use human language with non-humans. Prereq: Psyc 402; 502; 513, or permission. WI.

Psyc 713: Psychology of Consciousness (Kelly Peracchi)
Introduction to theory and research on both normal and altered states of consciousness, primarily from a cognitive psychology viewpoint. Topics may include brain systems and consciousness, cognitive psychology and consciousness, introspection, sleep and dreaming, hypnosis, and consciousness altering drugs. Prereq: Psyc 402; 502; 513; or permission. WI.

Psyc 720: Animal Cognition (Brett Gibson)
Do animals use language or have a culture? Can birds count? Do animals use tools and understand how they function? How do ants navigate in their environment to find food and then return to their nest? How animals perceive, attend to, process, store, and represent information from their environment. Research on animal learning and behavior as a framework for investigating cognitive processes in animal learning. Quantitative versus qualitative nature of differences between people and non-human animals. Multidisciplinary approach including the fields of anthropology, physiology, philosophy, and biology. Prereq: Psyc 402; 502; 513 or 521; or perm. WI.
Psyc 722: Behaviorism, Culture, and Contemporary Society (Mark Henn)
Introduction to behaviorism as a philosophy of science, concentrating on modern behaviorism, especially the Radical Behaviorism of B.F. Skinner. Application of behaviorism to modern problems and issues (e.g. war, overpopulation, pollution, crime & punishment). Implications of behaviorism for the development of culture & civilization. Prerequisites: Psyc 402; 502; 521; or permission. No credit for students who have completed Psyc 522. WI.

Psyc 731: Brain and Behavior (Bob Mair)
Brain and Behavior is an introduction to neuropsychology, a field at the intersection of psychology and neurology. Experimental neuropsychologists study human and animal subjects to learn about the neurological bases of cognitive, behavioral, and emotional functions. Clinical neuropsychologists diagnose and treat individuals who have suffered brain damage. We will survey topics that represent the variety of functions and clinical disorders studied by neuropsychologists. To bring everyone up to speed, we will begin the semester with a brief review of neuroanatomy, diseases affecting the brain, and methods used to study brain activity in clinical and experimental applications. Prerequisites: Psyc 402; 502; 531; or permission. WI. 4cr.

Psyc 733: Drugs and Behavior (Jill McGaughy)
Drugs and Behavior is an introduction to the field of neuropsychopharmacology: the study of how drugs act on the brain to alter mood, thought processes, or behavior. We will consider the use and abuse of drugs in terms of their actions in the brain, their effects on behavior, and the social context of their consumption. The first part of the course will focus on basic aspects of neurochemistry, principles of drug action, addiction, and behavioral measures used to characterize the effects of drugs. After this we will cover stimulants and depressants, opioids, drugs with hallucinogenic and psychedelic properties, and drugs used to treat mood disorders, anxiety, and schizophrenia. This is an advanced course in the biopsychology track. Students should have completed Psychobiology (Psyc 531) or obtained permission from the instructor to take this course. Prereq: Psyc 402; 502; 531, or permission. WI.

Psyc 735: Neurobiology of Mood Disorders (Robert Drugan)
Neurobiological and neurochemical substrates underlying various psychopathologies, using both animal models and human data. Study of disorders from the field of biological psychiatry including aggression, anxiety, panic disorder, obsessive-compulsive disorder, unipolar depression, bipolar affective disorder, schizophrenia, and post-traumatic stress disorder. The effectiveness of current behavioral and pharmacological therapy. Prereq: PSYC 402; 502; 531; or permission. Writing intensive.

Psyc 737: Behavioral Medicine (Robert Drugan)
The biological and brain correlates and treatments for such health-impairing behaviors as eating disorders, obesity, excessive alcohol consumption and smoking. We will also examine health-promoting behaviors such as low fat diet and exercise. Stress and coping, Type A behavior pattern/hypertension and coronary risk, will also be covered from both preclinical and clinical perspectives. The interaction between the brain, behavior, and the immune system as it impacts disease vulnerability and how the immune system impacts our behavior and cognition as well (e.g., sickness behavior). Finally, we will discuss non-traditional medicinal practices (e.g. meditation) and how they may improve health. Prerequisites: PSYC 402; 502;531; or permission. WI.

741.01: Cognitive Neuroscience (Ross): Cognitive Neuroscience is a rapidly expanding scientific discipline that probes classical questions of human cognitive psychology via a broad array of cutting-edge methodological approaches, which include but are not limited to brain imaging (e.g., functional MRI and
electroencephalography), lesion studies, single-cell recording, and examinations of brain injuries and other neurological disorders. We will survey the results of these approaches, which have generated fundamental insights about perception, object recognition, attention, memory, and many other cognitive processes. Prereq: Psyc 402; 502; 513; or permission

755: Psychology and Law (Ellen Cohn)
Understanding the legal system by the use of psychological concepts and methods. The American jury trial, including jury selection, eyewitness identification, false confession, witnesses, and jury deliberation. Special topics such as the competence and insanity, death penalty and children as witnesses. Jury trials such as Scott Peterson, Andrea Yates, and Gary Sampson. Prerequisites: PSYC402;502; or permission. Writing Intensive.

Psyc 758: Health Psychology (Staff)
This course examines how psychological variables such as personality, emotions, attitudes, social relationships, stress, and behaviors are related to risk of disease. Treatment process (for example, adherence to treatment plans, placebo effects, and satisfaction with medical care) is also examined. In turn, physical health problems influence psychological well-being. Most of the course reviews research about these questions, and we will also discuss what individuals can do to improve their own health. Prerequisites: Psyc 402, 502, or permission of instructor; WI.

Psyc 762.01/02: Counseling (Joan Glutting)
This class explores the roots of psychotherapy and many of the currently used psychotherapy methodologies including but not limited to psychodynamic, behavioral, cognitive-behavioral, client-centered and family systems approaches. Contemporary issues in the practice of psychotherapy will also be discussed. Developing the ability to critically examine the basis for ethical and sound psychotherapy practice will also be emphasized. Psyc majors only; PSYC 402;502;553 or 561; or permission. WI. 4cr.

Psyc 762.03: Counseling (Katie Edwards)
This writing intensive course provides an introduction to the work of counseling and clinical psychologists including an overview of the historical origins of the field, assessment methods, intervention methods, professional issues, and various career paths. A primary focus of the course will be on the specific theories of psychotherapy, including but not limited to psychodynamic, client-centered, existential, behavioral, cognitive, and cognitive-behavioral. Multicultural and feminist approaches to psychotherapy will be integrated throughout the course. Students should come away from this class with a general knowledge of ethically-informed and evidence-based assessment and psychotherapy practices as well as some specialized knowledge in their particular area of interest. The structure of the course will include lectures, small group discussions and activities, student facilitated discussions and presentations, guest speakers, multimedia presentations, experiential learning activities, in-class and out-of-class writing assignments, and outside readings.

Psyc 780-Prenatal Development and Infancy (Carolyn Mebert)
This course will cover development from conception through the child's second birthday. Emphases will be on the critical period of prenatal development, prenatal experience and learning, the birth process, the transition to parenthood, and early social-emotional and cognitive development. Most readings will be journal articles. Assignments will include reaction papers, midterm (take-home) and term paper. Prereq: Psyc 402; 502; 581 (or equivalents). WI.
Psyc 785: Social Development (Michelle Leichtman)
This course focuses on theoretical, empirical and applied issues in social development with an emphasis on infancy and childhood. For example, topics include the development of emotion, social referencing, love and attachment, social attributions and reasoning, friendship, temperament, personality, cross-cultural differences, context effects and social influences on memory and learning. The course is Writing Intensive and will include child observations. Prerequisites: Psyc 402; 502; 581; or permission. WI.

Psyc 791.01 Culture and Human Development (Pablo Chavajay) “Culture”-an essential concept that is often disregarded, much debated, or often misunderstood in many arenas. Yet, culture has wide-ranging implications in our everyday life-socially, politically, emotionally, and cognitively. This course is designed to examine the critical roles culture plays in understanding various psychological phenomena. Drawing on research in communities throughout the world, it considers how cultural values, beliefs, and goals of development shape everyday life. Prereq: Psyc 402; 502; or permission. WI.

Psyc 791.02: Psychology of Happiness (Rebecca Warner)
This course focuses on questions in Positive Psychology, such as: Are there different kinds of happiness? How can we measure happiness and subjective well being? How is happiness influenced by genetic factors and also by attitudes and behaviors of individuals? What can people do to improve their happiness and life satisfaction? Students will read and discuss journal articles that describe empirical research, and also do experiential exercises and write first person reaction papers describing the effects of these experiences on their happiness and subjective well being. Prereq: Psyc 402; 502. WI.

Psyc 793.01: Internship (Joan Glutting)
This course provides an opportunity to gain supervised work experience in a health or social service agency in addition to academic study of important skills and issues in the psychotherapy field. The course may be taken for 4-8 credit hours (Internship students report that their learning is greatly enhanced by spending large blocks of time at the agency, as such an arrangement encourages deep involvement with the agency and clients it serves. Therefore, an eight credit commitment (which involves working at least two full 8-hour days or the equivalent (for a total of 16 hours) each week, is recommended). The classroom component of the course consists of a weekly, three-hour academic seminar. The seminar involves work consistent with a 700 level, writing intensive psychology course including reading scholarship from the clinical psychology field, as well as academic writing assignments, oral presentations, etc. The seminar also emphasizes collegial/peer support, providing a forum for discussing problems and issues related to the internship experience. It is also a place to develop important critical thinking skills about key issues in the psychotherapy field. Prerequisites for the course include: psychology major, suitable internship placement, instructor's permission, and tentative learning agreement. Enrollment is limited to 15 students, with preference given to seniors. Prerequisites: Psyc 402; 502; 561; and 762 as a pre or co-requisite. WI. 4-8 cr.

Psyc 793.02: Internship (Jennifer Warkentin)
This course provides an opportunity to gain supervised work experience in a health or social service agency in addition to academic study of important skills and issues in the psychotherapy field. The course may be taken for 4-8 credit hours (Internship students report that their learning is greatly enhanced by spending large blocks of time at the agency, as such an arrangement encourages deep involvement with the agency and clients it serves. Therefore, an eight credit commitment (which involves working at least two full 8-hour days or the equivalent (for a total of 16 hours) each week, is recommended). The classroom component of the course consists of a weekly, three-hour academic seminar. The seminar involves work consistent with a 700 level, writing intensive psychology course including reading scholarship from the clinical psychology field, as well as academic writing assignments, oral presentations, etc. The seminar also emphasizes collegial/peer support,
providing a forum for discussing problems and issues related to the internship experience. It is also a place to develop important critical thinking skills about key issues in the psychotherapy field. Prerequisites for the course include: psychology major, suitable internship placement, instructor's permission, and tentative learning agreement. Enrollment is limited to 15 students, with preference given to seniors. Prerequisites: Psyc 402; 502; 561; and 762 as a pre or co-requisite. WI. 4-8 cr.