

### **Psychology Courses**

#### Elective Courses

- PSYC 3100: Special Topics in Psychology
  - These topics change each semester and can vary from topics such as Prenatal Development to Forensic Psychology.
- PSYC 3230: Abnormal Psychology
  - The varieties of abnormal behavior: their explanation, assessment, and treatment.
- PSYC 3260: Human Sexuality
  - Research in human sexual behavior. Topics include variations in sexual behavior, deviance, social patterns, assessment, and treatment.
- PSYC 3550: Introduction to Cognitive Science
  - Interdisciplinary study of the mind and intelligent activity that forms cognitive sciences. Contributions of psychology, philosophy, linguistics, biology, anthropology, computer science, and education toward uncovering important aspects of the mind and intelligent activity are discussed.
- o PSYC 3810: Psychology of Health
  - Psychological influences on health, illness, and responses to those states, as well as psychological origins and outcomes of health policy and health interventions.
- o PSYC 4600: Psychology of Women
  - Women as the subject of psychological inquiry. Topics include personality theory, psychopathology, psychological aspects of reproductive health, psychological reaction to being victimized, and life crises.

### Required Major Courses

- PSYC 3980: Research Design in Psychology
  - Design of research in psychology. Experimental and quasi-experimental design, as well as the general principles of the scientific method. Direct experience with the formulation of hypotheses, collection of data, and description of research findings is required.
- PSYC 3990: Research Analysis in Psychology
  - Basic concepts and quantitative methods used to describe, analyze, and draw logical conclusions from data collected in psychological research. Direct experience with data analysis and description of research findings is required.



## **Psychology Courses**

- Major Course Options: Biological Based Psychology Courses
  - PSYC 4100: Cognitive Psychology
    - Contemporary theories of human information processing. Major topics include attention, mental representations, categorization, short-term and long-term memory, psycholinguistics, reasoning, problem-solving, judgment, and decision making. Laboratory/research experience is included.
  - PSYC 4120: Sensation and Perception
    - How organisms sense and perceive the environment. Topics discussed are anatomy and physiology of the sensory systems, types of stimuli affecting sensory systems, and current knowledge and theories of our perceptual abilities.
  - PSYC 4130: Physiological and Comparative Psychology
    - The biological bases of human and nonhuman behavior, with emphasis on underlying physiological mechanisms, and on the development, evolution, and function of behavior.
  - PSYC 4140: Cognitive Neuroscience
    - The origins and principles of cognitive neuroscience and the types of research that are conducted in the field. Classic, seminal, and current studies on how the brain performs various tasks (e.g., language, memory, attention, perception). Also, the variety of different brain imaging techniques available to scientists in the field of neuroscience (e.g., MRI, fMRI, PET, CT, EEG and MEG) will be discussed.
  - PSYC 4150: Biological Foundations of Health Psychology
    - The contributions of Psychology to the enhancement of health. Specific foci include the role of behavior on the development of acquired illness and health behaviors. The application of psychological principles to applied problems such as high blood pressure, controlling serum lipids, managing stress, pain, tobacco, and alcohol use will be discussed. The course is designed to provide a biological background for further study in health psychology.



# **Psychology Courses**

- Major Course Options: Social Based Psychology Courses
  - PSYC 4200: Social Psychology
    - Research and theory on social behavior, including attitudes, social influence, group dynamics, and person perception.
  - PSYC 4210: Psychological Testing
    - The measurement of individual and group differences in abilities, interests, achievement, and traits.
  - PSYC 4220: Developmental Psychology
    - Research and theory on the psychological development of the maturing human, including social, emotional, and cognitive development.
  - PSYC 4230: Psychology of the Workplace
    - Major topics in industrial-organizational psychology, with emphasis on organizational and personnel psychology applied to business, industry, and government.
- Major Course Options: Psychological Seminars
  - PSYC 5100: Special Topics Seminars in Psychology
    - Current topics and new developments in areas of psychology which are not covered in other courses. Example topics include Crime and Aggression, Clinical Psychology, Abnormal Child and Adolescent Psychology, Neuropsychology, Psychology of Social Networks, Motivation and Emotion, Psychology of Movies, and more.
  - o PSYC 5240: Judgement and Decision Making
    - Theory and research on topics in judgment and decision-making, including heuristics-and-biases, rational decision theory, evolutionary approaches, causal judgment and applications to medicine, law, economics, social psychology, and everyday decisions.
  - o PSYC 5850: Psychopharmacology
    - The effects of psychoactive drugs on consciousness and behavior. The mechanisms of drug action on neurotransmitter systems are emphasized. Topics include the relationship between behavior and endogenous neurochemical activity, therapeutic agents in psychopathology, and drugs of abuse.