Course Listings – Spring

**PSY 10000 - Introduction To The Science And Fields Of Psychology** Credit Hours: 1.00. An introduction to psychology as a science and as a profession. Typically offered Fall Spring.

**PSY 12000 - Elementary Psychology** Credit Hours: 3.00. Introduction to the fundamental principles of psychology, covering particularly the topics of personality, intelligence, emotion, abnormal behavior, attention, perception, learning, memory, and thinking. As part of their learning experience, students participate in psychological experiments. Typically offered Fall Spring Summer.

**PSY 20000 - Introduction To Cognitive Psychology** Credit Hours: 3.00. A survey of psychology as the science of mental life, covering theories and research in perception, reading, attention, consciousness, imagery, memory and its improvement, problem solving, creativity, decision making, and artificial intelligence. Typically offered Summer Fall Spring.

**PSY 20100 - Introduction To Statistics In Psychology** Credit Hours: 3.00. An introduction to the development and application of statistical, quantitative, and measurement techniques pertinent to the psychological sciences. Fundamental concepts of numerical assignment, sampling theory, distribution functions, experimental design, inferential procedures, and statistical control. Should be taken at Purdue University, West Lafayette. Typically offered Summer Fall Spring.

**PSY 20300 - Introduction To Research Methods In Psychology** Credit Hours: 3.00. The use of scientific method in psychology. Lecture covers principles of collecting and interpreting data, using examples of research from many areas of psychology. In the laboratory portion, the student uses many different techniques from various areas of psychology. Should be taken at Purdue University, West Lafayette. Typically offered Summer Fall Spring.

**PSY 22200 - Introduction To Behavioral Neuroscience** Credit Hours: 3.00. An introduction to how the nervous system controls behavior. Topics include evolution and comparative psychobiology, the neuroscience of sensation and perception, the neuroscience of motivation, neuropsychology, and cognitive neuroscience. Typically offered Fall Spring.

**PSY 23500 - Child Psychology** Credit Hours: 3.00. General principles of children's behavior and development, from conception to adolescence, including sensory and motor development, and basic psychological processes such as learning, motivation, and socialization. Typically offered Summer Fall Spring (also available as **Distance Learning**). Not open to students with credit in PSY 36000.

**PSY 24000 - Introduction To Social Psychology** Credit Hours: 3.00. Not open to students with credit in SOC 34000. A broad survey in current knowledge about human social behavior. Topics covered include aggression, attraction and love, social influence, attitudes and attitude change, nonverbal communication, leadership, prejudice and discrimination, and application of social psychology to law, medicine, and other fields. Typically offered Fall Spring Summer.
PSY 27200 - Introduction To Industrial-Organizational Psychology Credit Hours: 3.00. Survey of psychological principles and research methods relevant to organizations and industry. Topics covered include research methodology, individual differences, personnel selection, performance measurement, training, motivation, job satisfaction, emotions, work stress, and leadership. Typically offered Fall Spring Summer.

PSY 31000 - Sensory And Perceptual Processes Credit Hours: 3.00. A survey of the study of psychological experiences caused by stimulation to the senses. Topics include theory and research in seeing, hearing, touching, smelling, and tasting as experienced by humans and other animals. Typically offered Summer Fall Spring.

PSY 31100 - Human Memory Credit Hours: 3.00. A survey of theories and research about how humans remember information and why they often forget. Topics include research on amnesia, forgetting, and sensory memory systems as well as on practical issues such as how to improve memory. Typically offered Fall Spring.

PSY 31400 - Introduction To Learning Credit Hours: 3.00. This course attempts to make clear the theoretical and practical implications of learning principles and findings. Various theories of learning are examined and the implications of these theories, and the learning approach generally, for a variety of practical problems are emphasized. Typically offered Summer Fall Spring.

PSY 31900 - Research Methods In Infancy And Childhood Credit Hours: 3.00. (SLHS 34500) This is a laboratory-based course that focuses on methods to test childhood cognitive and language development. As part of the course, students will be working in the Purdue University Infant Labs. Permission of instructor required. Typically offered Fall Spring.

PSY 32200 - Neuroscience Of Motivated Behavior Credit Hours: 3.00. Neuroanatomical analyses of behavioral functions. Topics include movement, sexual behavior, maternal behavior, hunger, thirst, emotion, pain; addiction, biological rhythms, memory, evolution of the brain, language, hemispheric specialization, brain damage, brain remodeling during development and aging, correlates of cognitive processing. Typically offered Fall Spring.

PSY 33300 - Motivation Credit Hours: 3.00. A survey of current research and theory in motivation. The effects of both learned and unlearned motives on behavior are discussed. Examples of topics covered are: hunger, sex, aggression, pain, emotion, stress, frustration, conflict, and needs for achievement, affiliation, and power. Typically offered Summer Fall Spring.

PSY 33500 - Stereotyping And Prejudice Credit Hours: 3.00. This course examines the topics of stereotyping, prejudice, and discrimination from a social psychological perspective. Relying on empirical findings and relevant theoretical approaches, the course moves beyond lay opinions to explore the social psychological foundations and forms of stereotyping and prejudice, and to examine various strategies for reducing intergroup biases. Typically offered Fall Spring.
PSY 35000 - Abnormal Psychology  Credit Hours: 3.00. Various forms of mental disorders from the standpoint of their origin, treatment, prevention, social significance, and relation to problems of normal human adjustment. Typically offered Fall Spring Summer.

PSY 36100 - Human Development I: Infancy And Childhood  Credit Hours: 3.00. A consideration of the formative years in human development with primary attention given to the processes of socialization, individualization, and adaptation, initiated by retrospective self-examination and furthered by an analysis of systematic life history data. Typically offered Fall Spring.

PSY 36700 - Adult Development And Aging  Credit Hours: 3.00. Theory and research on adult development from young adulthood through the elderly years. Course covers biological, cognitive, personality, and social issues. Topics include vocational choice, marriage, parenthood, the empty nest, menopause, memory and aging, retirement, widowhood, longevity, and death and dying. Typically offered Fall Spring Summer.

PSY 39000 - Research Experience In Psychology  Credit Hours: 1.00 to 3.00. Involvement in an ongoing research project in the Department of Psychological Sciences. Permission of instructor required. Typically offered Fall Spring Summer.

PSY 39100 - Readings In Psychology  Credit Hours: 1.00 to 3.00. In-depth reading on a specific topic in psychology under the guidance of a faculty member, often in preparation for PSY 49800. Permission of instructor required. Typically offered Fall Spring Summer.

PSY 39200 - Special Topics In Psychology  Credit Hours: 1.00 to 3.00. Various topics that may change from semester to semester are presented by Psychological Sciences department faculty. Typically offered Fall Spring Summer.

PSY 40400 - Honors Research Seminar I  Credit Hours: 3.00. Part one of a research series aimed at providing a structured learning experience to help students develop the basic research skills needed in order to conduct psychological research. Students will be expected to develop a research plan to be completed in concert with PSY 40500. Permission of instructor required. Typically offered Spring.

PSY 42800 - Drugs And Behavior  Credit Hours: 3.00. Discussion of the variety of drugs that affect the nervous system and behavior. Emphasis will be upon a discussion of the physiological and pharmacological bases for the use and misuse of drugs in our society. Typically offered Fall Spring.

PSY 48400 - The Psychology Of Consciousness  Credit Hours: 3.00. A survey of psychological experiments and theory in consciousness. An emphasis is placed on altered states of consciousness such as dreaming, hypnosis, drug-induced changes in consciousness, and meditation; and comparison with ordinary consciousness is made. Typically offered Fall Spring.
**PSY 49200 - Internship In Psychology** Credit Hours: 3.00. Experiential, supervised training in various areas of psychology-related fields including human factors, human resources, mental health-related organizations, research labs, and supervised living institutions. Usually taken in junior or senior year. Permission of instructor required. Typically offered Fall Spring Summer.

**PSY 49800 - Senior Research** Credit Hours: 3.00. Student conducts and writes a report on an individual research project under the guidance of a faculty member. Permission of instructor required. Typically offered Summer Fall Spring.