PSYCHOLOGY (PSYC)

PSYC 1000  Introductory Psych  (3 Credit Hours)
Fundamentals of contemporary psychology, including topics such as scientific methodology, heredity and behavior, principles of learning, physiological substrates of behavior, perception, social interaction, and mental health.

PSYC 1001  Psychology Beyond Classroom  (0 Credit Hours)
The goal of this S/U course is to encourage students to learn more about how the scientific field of psychology operates in the real world by experiencing various aspects of the psychological research process.

Corequisite(s): PSYC 1000.

PSYC 1100  Exploring Psychology & Lab  (3 Credit Hours)
Introduction to Psychology for high school students enrolled in the TSSP summer program.

PSYC 1660  Special Topics  (1-3 Credit Hours)
Special topics.

PSYC 1665  Special Topics Lab  (1-3 Credit Hours)
Special Topics Lab.

PSYC 1940  Transfer Coursework  (3 Credit Hours)

PSYC 2890  Service Learning  (0-1 Credit Hours)
Service learning component to PSYC courses. See Schedule of Classes each semester for offerings. 20 or 40 hours of public service with a CPS approved community partner.

PSYC 2940  Transfer Coursework  (3 Credit Hours)

PSYC 3010  Intro To Personality  (3 Credit Hours)
An introductory survey of theories and measurement in personality.

Prerequisite(s): PSYC 1000, 1000, 1000 or 1000.

PSYC 3090  Univariate I & Lab  (4 Credit Hours)
Lectures and laboratory in design of experiments, psychological measurement, and deriving conclusions from experimental data.

Prerequisite(s): (PSYC 1000, 1000, 1000 or 1000).

PSYC 3130  Experimental Psychology & Lab  (4 Credit Hours)
Lectures and laboratory in design of experiments, quasi-experimental designs, control of variables, scientific communication, and application of statistical procedures.

Prerequisite(s): (PSYC 3090, 3090, 3090, 3090 or 6090) or (PSYC 2090, 2090, 2090 or 2090).

PSYC 3131  Experimental Psychology Lab  (0 Credit Hours)
Lab section for PSYC 3103

Corequisite(s): PSYC 3130.

PSYC 3180  Psych Testing & Measure  (3 Credit Hours)
PSYC 3180 provides an overview of the process of test development and analysis. The primary objective is to provide students with a solid foundation in the area of psychological measurement. After completion of this course, students should: (1) have an understanding of what psychological tests are and the criteria used to evaluate them, and (2) have an appreciation of the various types of tests available for commercial use.

Prerequisite(s): PSYC 1000, 1000, 1000 or 1000.

PSYC 3185  Psych Testing & Measure Lab  (1 Credit Hour)
PSYC 3185 is a 1-credit lab course that must be taken simultaneously with PSYC 3180, a 3-credit lecture course. The goal of PSYC 3185 is to provide students with an opportunity to work "hands-on" with the development, administration, and analysis of a psychological test. The lab is designed to maximize the learning experience by allowing students to apply the concepts discussed in the lecture portion of the course (PSYC 3180). In order to achieve this goal, students will write and critique test items, enter test data, analyze test data, and write up the results of their statistical analyses.

Prerequisite(s): (PSYC 3090 or 3090) and (PSYC 3130 or 3130).
PSYC 3200 Educational Psychology (3 Credit Hours)
Examines psychological principles applied to educational practices with special emphasis on development, learning theories, and contexts of learning. Its purpose is to help adults working with children to understand better the relationship between applied educational practices and psychological principles and research.
Prerequisite(s): PSYC 1000, 1000, 1000 or 1000.

PSYC 3210 Child Psychology (3 Credit Hours)
A survey of the concepts, principles, and major findings of research on human development.
Prerequisite(s): PSYC 1000, 1000, 1000 or 1000.

PSYC 3230 Nursery School Observ (3 Credit Hours)
For students in the coordinate psychology and early childhood education major
Prerequisite(s): PSYC 3210.

PSYC 3250 Psychology of Early Childhood (3 Credit Hours)
An investigation of educational programs for young children and/or parents of young children based on cognitive developmental theory, learning theory, and others. Curriculum development and the evaluation of program effectiveness are discussed.
Prerequisite(s): PSYC 3210.

PSYC 3260 Infancy (3 Credit Hours)
The cognitive, perceptual, and social development of the human infant are reviewed. Research findings and methods are emphasized.
Prerequisite(s): PSYC 3210.

PSYC 3300 Brain and Behavior (3 Credit Hours)
Lectures cover the function and structure of the nervous system and the role of brain activity in the regulation of behavior. This course provides psychology majors with a first exposure to the biological bases of behavior and is not recommended for students who have taken other courses in this area of study.
Prerequisite(s): PSYC 1000, 1000, 1000 or 1000.

PSYC 3310 Intro to African American Psyc (3 Credit Hours)
A study of a wide range of topics relating to psychology generally, and African Americans specifically. Topics include personality, education, psychological assessment, racism, psychology in communities, and research.
Prerequisite(s): PSYC 1000, 1000, 1000 or 1000.

PSYC 3330 Abnormal Psychology (3 Credit Hours)
An introduction to the psychological aspects of the behavior disorders.
Prerequisite(s): PSYC 1000, 1000, 1000 or 1000.

PSYC 3340 Developmental Psychopathology (3 Credit Hours)
This course is intended to provide a basic familiarity with the major forms of psychopathology and behavioral disorders. This familiarity includes knowledge of the etiology, developmental course, and prognosis of major psychological disorders affecting children and adolescents. Students will increase their knowledge on the application of information gained from the study of psychological disorders to the diagnosis, treatment and study of disorders and psychological problems found in children and adolescents.
Prerequisite(s): PSYC 1000, 1000, 1000 or 1000.

PSYC 3350 Nursery School Principles (3 Credit Hours)
A study of the basic principles involved in guiding the behavior of preschool children.
Prerequisite(s): PSYC 3230, 3230, 3230 or 3230.

PSYC 3390 Adolescent Psychology (3 Credit Hours)
A study of development through the adolescent years. Emphasis is on cognitive, social, physical, moral, sexual, and political development.
Prerequisite(s): PSYC 1000, 1000, 1000 or 1000.

PSYC 3430 Intro To Social Psych (3 Credit Hours)
The individual in a social context: the nature and measurement of attitudes, social perception, interpersonal and intergroup relations.
Prerequisite(s): PSYC 1000, 1000, 1000 or 1000.
PSYC 3440 Experimental Social Psych (4 Credit Hours)
Laboratory and field experiments in interpersonal relations, social roles, and attitude change.

Prerequisite(s): (PSYC 3130, 3130, 3130 or 3130).

PSYC 3450 Positive Psychology (3 Credit Hours)
This upper-level seminar in which the content and application of positive psychology will be discussed, including the topics of well-being, happiness, health, and strengths.

Prerequisite(s): PSYC 3430.

PSYC 3460 The Self in Social Psychology (3 Credit Hours)
This is an upper level honors seminar in which we will explore the large body of theory and research focused on understanding the nature and function of the self from a social psychological perspective, including topics such as self-awareness, self-esteem, and neural correlates of self-related processes.

PSYC 3470 Psychology of Diversity (3 Credit Hours)
Navigating diversity has become increasingly important as our social world becomes more integrated with people from many varied backgrounds. Psychologists have become increasingly interested in studying diversity from a scientific perspective in order to gain a fuller understanding of these complex phenomena as well as to identify ways to increase social justice. This course will provide students with an increased understanding of theory and research related to the psychology of diversity. The course will emphasize an empirical approach to diversity. The heart of this course will cover basic psychological processes related to prejudice, stereotyping, discrimination, and stigma. We will examine diversity that results from differences in race, ethnicity, gender, gender identity/expression, disability, age, social class, sexual orientation, weight, religion, political ideology, and more. The course will make use of different learning formats and emphasize both more formal and experiential learning.

Prerequisite(s): PSYC 3430 or 3430.

PSYC 3660 Special Topics (1-3 Credit Hours)
Special Topics.

PSYC 3665 Special Topics Lab (1-3 Credit Hours)
Special Topics lab.

PSYC 3680 Comp Animal Behavior (3 Credit Hours)
A lecture course to introduce the types of questions asked by animal behaviorists, theoretical disciplines posing those questions, and recent research in behavior as related to the environment, social behavior, and reproduction.

Prerequisite(s): PSYC 1000, 1000, 1000 or 1000.

PSYC 3700 Evolution & Psychology (3 Credit Hours)
Lecture course exploring human behavior and cognition from an evolutionary perspective. Topics include evolutionary mechanisms, history of evolution in psychology, and the adaptive nature of sensory processes, language, social behaviors, reproduction and psychopathology.

Prerequisite(s): PSYC 1000.

PSYC 3770 Sensation & Perception (3 Credit Hours)
Sensation and Perception provides an appreciation for the different senses and the psychological phenomena associated with each sense. Discussions include the major theories, experimental methods, and findings associated with each of the sensory systems. Emphasis is placed on understanding sensory functions from an evolutionary perspective.

Prerequisite(s): PSYC 3300 or NSCI 3300.

PSYC 3775 Sensation & Percept Lab (1 Credit Hour)
Sensation and Perception lab is a course that provides the student with hands on activities in order to gain a deeper understanding for the different senses and the methods used to study psychological phenomena associated with each sense.

Prerequisite(s): PSYC 3300 or NSCI 3300.
Corequisite(s): PSYC 3770.

PSYC 3880 Writing Intensive: PSYC 4610 (0 Credit Hours)
Course to be attached to regular courses that incorporate a writing component within the regular course. Register within department.

PSYC 3890 Service Learning PSYC 3300 (0-1 Credit Hours)
Students complete a service activity in the community in conjunction with the content of the corequisite course.
PSYC 3940 Transfer Coursework (3-4 Credit Hours)

PSYC 4060 Behavioral Endocrinology (3 Credit Hours)
An introduction to the roles of steroid and peptide hormones in physiology and behavior. Lectures focus on the hormonal mechanisms that control reproductive and regulatory functions in human and infrahuman species.

Prerequisite(s): NSCI 3300, 3670, PSYC 3300 or 3670.

PSYC 4065 Behavioral Endocrinology Lab (1 Credit Hour)
Laboratories provide demonstration and hands-on experience in research methods used in contemporary behavioral endocrinology including hormonal manipulation, behavioral measurement, data analysis, and manuscript preparation.

Prerequisite(s): PSYC 3130 and 3090 and (PSYC 4060 or NSCI 4060*).
* May be taken concurrently.

PSYC 4180 History & Systems (3 Credit Hours)
A survey of the roots of contemporary psychology. Students then identify an interest area, trace its historical roots, and present their work in class.

Prerequisite(s): (PSYC 1000, 1000, 1000 or 1000).

PSYC 4330 Neurobiol Learn & Memory (3 Credit Hours)
An introduction to the study of the neural mechanisms involved in learning and memory. The course will involve detailed study of the memory systems of the brain as well as historical trends, theoretical perspectives and empirical findings that are associated with the neurobiology of learning and memory.

Prerequisite(s): PSYC 3300 or NSCI 3300.

PSYC 4380 Cognitive Neuroscience (3 Credit Hours)
An introduction to the study of human behavior and cognition using neuroscience methods. This course will examine the neural basis of perception, attention, memory, language, motor control, and emotions.

Prerequisite(s): PSYC 3300, 3300, 3300, 3300, NSCI 3300, 3300, 3300 or 3300.

PSYC 4385 Cognitive Neuroscience Lab (1 Credit Hour)
A laboratory course in which students will be introduced to the methods of cognitive neuroscience, including neural networks, event-related potentials, and functional magnetic resonance imaging. Students will design and carry out simple cognitive experiments to examine issues of hemispheric laterality.

Prerequisite(s): PSYC 3130 and 4380*.
* May be taken concurrently.

PSYC 4510 Biological Psychology (3 Credit Hours)
Survey of biological psychology with an emphasis on neuroanatomy and research methods used to study mechanisms of learning and memory, mental disorders, emotion, stress, and other psychological phenomena.

Prerequisite(s): PSYC 3300 or NSCI 3300.

PSYC 4513 Music and Brain (3 Credit Hours)
An introduction to current research linking music education to brain development and function. Fulfills writing intensive and service-learning requirements.

Prerequisite(s): PSYC 3300 or NSCI 3300.

PSYC 4515 Biological Psyc Lab (1 Credit Hour)
A laboratory course providing training in behavioral and neurobiological methods, experimental design, data collection and analysis and preparation of research reports. Fulfills the writing intensive requirement.

Prerequisite(s): PSYC 3130 and 3090 and (PSYC 4510 or NSCI 4510*).
* May be taken concurrently.

PSYC 4530 Psychopharmacology (3 Credit Hours)
An introduction to the effects of psychoactive agents on the nervous system. Lectures emphasize the mechanisms by which drugs regulate neurotransmitter systems to alter psychological and physical states.

Prerequisite(s): (PSYC 3300 or NSCI 3300).
**PSYC 4535  Psychopharmacology Lab  (1 Credit Hour)**
Lab section for PSYC 4530

**Prerequisite(s):** PSYC 3130 and (PSYC 4530 or NSCI 4530*).
*May be taken concurrently.

**PSYC 4560  Internship Psychology  (3 Credit Hours)**
Students will complete 70 hours of service in a community setting in which they will use the knowledge of psychology to complete a project or paper of benefit to the community site.

**PSYC 4570  Internship Psychology  (3 Credit Hours)**
Students will complete 70 hours of service in a community setting in which they will use the knowledge of psychology to complete a project or paper of benefit to the community site.

**PSYC 4580  Internship  (1-3 Credit Hours)**
An experiential learning process coupled with pertinent academic course work. Open only to juniors and seniors in good standing. Registration is completed in the academic department sponsoring the internship.

**PSYC 4590  Internship  (1-3 Credit Hours)**
This course provides an overview of the psychobiological bases of stress and trauma reactions and related psychological disorders.

**PSYC 4610  Blck Youth Develop Pysc  (3,4 Credit Hours)**
A study of major research findings with African-American children and adolescents. The course includes a participant-observer experience in the applied setting (e.g., school, group home). Intensive writing required.

**Prerequisite(s):** PSYC 3200, 3210 or 3390.

**PSYC 4650  Cognitive Development  (3 Credit Hours)**
In addition to describing developmental and individual differences in cognition, scientists who study children's thinking are concerned with the mechanisms that underlie cognition and its development. How do biological factor interact with experiences in the physical and social world to yield a particular pattern of development? Do children develop all their intellectual skills uniformly, or do some skills develop at a faster rate than others? Is development relatively continuous and gradual over a childhood, or are there major disruptions on its course? We will examine classic and contemporary accounts of cognitive development, and consider them from both a theoretical and an empirical standpoint.

**PSYC 4660  Special Topics  (1-3 Credit Hours)**
Special Topics.

**PSYC 4670  Clinical Neuropsych Assessment  (3 Credit Hours)**
The primary purpose of this course is to provide an introduction to the study of clinical neuropsychology. The course will begin by presenting an overview of brain structures and functions. It then will cover conditions that are due to some malfunction in the central or peripheral nervous system. Specifically, this course will (1) survey current neuropsychological knowledge as it pertains to normal function and to both neuropathological and psychopathological conditions (2) present a developmental perspective about neuropsychological factors in pathological conditions and (3) familiarize students with primary research literature in an area of personal interest.

**Prerequisite(s):** (PSYC 3300, 3300, 3300, 3670, 3670, 3670, 3670, NSCI 3300, 3300, 3300, 3670, 3670, 3670 or 3670) and (PSYC 3330, 3330, 3330 or 3330).

**PSYC 4810  Independent Project Lab  (4 Credit Hours)**
For individual research project done with a department faculty member. Generally includes hypothesis generation, design, consideration of ethical issues, data gathering, inferential analysis and the writing of work in acceptable scientific (APA) format.

**PSYC 4850  Writing in Psychology  (2 Credit Hours)**
Writing in Psychology is a practicum course geared toward students planning on masters or graduate study. Written products will include statement of intent, conference abstracts, research summaries, and proposal introduction. Students will obtain experience and feedback on writing for empirically-supported arguments for a scholarly audience, manuscript organization and idea transition, and technical writing. The course is graded S/U.

**Prerequisite(s):** PSYC 3130 or 3130.

**PSYC 4880  Writing Intensive: PSYC 4610  (1 Credit Hour)**
Course to be attached to regular courses that incorporate a writing component within the regular course. Register within department.

**PSYC 4890  Service Learning PSYC 4513  (0-1 Credit Hours)**
Optional service learning component of Drugs and Behavior in which students complete 40 hours of service during the semester at a substance abuse treatment facility to be arranged by the Center for Public Service.
PSYC 4900 Psychology Research (1-3 Credit Hours)
Laboratory or library research under direction of a faculty member.

PSYC 4910 Independent Study (1-3 Credit Hours)
By arrangement with department.

PSYC 4940 Transfer Coursework (3 Credit Hours)

PSYC 4950 Race & Inclusion Research in US (3 Credit Hours)

PSYC 4960 Special Projects (1-3 Credit Hours)
Individual studies in a selected field. Open to qualified juniors and seniors with approval of instructor and advisor.

PSYC 4990 Honors Thesis (3 Credit Hours)
Honors thesis research, first semester. Register in department.

PSYC 5000 Honors Thesis (4 Credit Hours)
Honors thesis research, second semester. Register in department.

PSYC 5380 Study Abroad (1-20 Credit Hours)
Courses taught abroad by non-Tulane faculty. Does not count toward Tulane GPA.

PSYC 5390 Study Abroad (1-20 Credit Hours)
Courses taught abroad by non-Tulane faculty. Does not count toward Tulane GPA.

PSYC 5880 Writing Intensive: PSYC 5040 (1 Credit Hour)
Course to be attached to regular courses that incorporate a writing component within the regular course. Register within department.

PSYC 6060 Behavioral Endocrinology (3 Credit Hours)
An introduction to the roles of steroid and peptide hormones in physiology and behavior. Lectures focus on the hormonal mechanisms that control reproductive and regulatory functions in human and infrahuman species.

PSYC 6065 Behavioral Endocrinology Lab (1 Credit Hour)
Laboratories provide demonstration and hands-on experience in research methods used in contemporary behavioral endocrinology including hormonal manipulation, behavioral measurement, data analysis, and manuscript preparation.

Corequisite(s): PSYC 6060.

PSYC 6090 Univariate I (3 Credit Hours)
An introductory course covering a variety of statistical procedures commonly used in Psychology research. Course topics include descriptive statistics and significance testing as well as detailed instruction on various statistical tests. Students learn to conduct each type of analysis both by hand and using statistical analysis software (SPSS).

PSYC 6100 Rsch Methods Behav Hlth (3 Credit Hours)
This course covers a wide array of issues related to the conduct of clinical research. Topics include Ethical Issues, choosing a research question, defining a study population, study design, randomization methods, and other relevant topics. In addition, the course includes instruction on statistical analyses that are relevant in clinical research, such as analysis of covariance (ANCOVA) and survival analysis.

PSYC 6110 Psyc Appl Univar Stat II (3 Credit Hours)
An intermediate-level course in statistics designed to meet the needs of beginning graduate students and those undergraduate students who plan to undertake graduate work in psychology. Emphasis is placed upon design of experiments and interpretation of research results.

PSYC 6130 Psyc Appl Multivar Stats (3 Credit Hours)
Design and analysis of experiments in the behavioral sciences involving multiple predictor and criterion variables. Extensive use is made of Tulane computer facilities but no programming knowledge is required.

PSYC 6150 Research Methods in Psychology (3 Credit Hours)
Individual research supervised by faculty.

PSYC 6180 History & Systems (3 Credit Hours)
A survey of the roots of contemporary psychology. Students then identify an interest area, trace its historical roots, and present their work in class.
PSYC 6330 Neurobiol Learn & Memory (3 Credit Hours)
An introduction to the study of the neural mechanisms involved in learning and memory. The course will involve detailed study of the memory systems of the brain as well as historical trends, theoretical perspectives and empirical findings that are associated with the neurobiology of learning and memory.

PSYC 6380 Cognitive Neuroscience (3 Credit Hours)
An introduction to the study of human behavior and cognition using neuroscience methods. This course will examine the neural basis of perception, attention, memory, language, motor control, and emotions.

PSYC 6385 Cognitive Neuroscience Lab (1 Credit Hour)
A laboratory course in which students will be introduced to the methods of cognitive neuroscience, including neural networks, event-related potentials, and functional magnetic resonance imaging. Students will design and carry out simple cognitive experiments to examine issues of hemispheric laterality.

Corequisite(s): PSYC 6380.

PSYC 6530 Psychopharmacology (3 Credit Hours)
An introduction to the effects of psychoactive agents on the nervous system. Lectures emphasize the mechanisms by which drugs regulate neurotransmitter systems to alter psychological and physical states. (Same as NSCI 6530)

PSYC 6570 Cognitive Neuroscience (3 Credit Hours)
Corequisite(s): PSYC 6575.

PSYC 6575 Cognitive Neuroscience Lab (1 Credit Hour)
Corequisite(s): PSYC 6570.

PSYC 6590 Stress & Trauma (3 Credit Hours)
This course provides an overview of the psychobiological bases of stress and trauma reactions and related psychological disorders.

PSYC 6610 Adv Studies In Psych (1-3 Credit Hours)
By arrangement with department.

PSYC 6611 Adv Studies In Psych (1-3 Credit Hours)
By arrangement with department.

PSYC 6620 Advanced Studies (1-3 Credit Hours)
By arrangement with department.

PSYC 6670 Clinical Neuropsych Assessment (3 Credit Hours)
The primary purpose of this course is to provide an introduction to the study of clinical neuropsychology. The course will begin by presenting an overview of brain structures and functions. It then will cover conditions that are due to some malfunction in the central or peripheral nervous system. Specifically, this course will (1) survey current neuropsychological knowledge as it pertains to normal function and to both neuropsychological and psychopathological conditions (2) present a developmental perspective about neuropsychological factors in pathological conditions and (3) familiarize students with primary research literature in an area of personal interest.

PSYC 6700 Health Psychology I (3 Credit Hours)
This is the first course of the two semester Health Psychology series for the Behavioral Health 4+1 terminal Master of Science Program in Psychology. The primary purpose of this course is to provide an introduction to the study of health psychology. The course will examine how biological, psychological, and social factors interact with and affect: (1) the efforts people make in promoting good health and preventing illness; (2) the treatment people receive for medical problems; (3) how effectively people cope with and reduce stress and pain; and (4) the recovery, rehabilitation, and psychosocial adjustment of patients with serious health problems.

PSYC 6710 Health Psychology II (3 Credit Hours)
This seminar is the second course of the two semester Health Psychology series for the Behavioral Health 4+1 terminal Master of Science Program in Psychology. The primary purpose of this course is to delve more deeply into contemporary topics in health psychology with direct relevance to the priorities outlined in recent healthcare reforms under the Affordable Care Act (ACA). By the end of the course, students are expected to develop knowledge and skills relevant to a broad range of topics in health psychology directly relevant to future careers in research, clinical practice, or policy.

PSYC 6940 Transfer Coursework (3 Credit Hours)
Transfer Coursework.