**PSYCHOLOGY (PSYC)**

**PSYC 5311 Research Methods and Statistics I**  
3 Semester Credit Hours (3 Lecture Hours)  
The purpose of this course is to provide beginners knowledge on topics related to Psychological methodology and statistics. Specifically, the course will cover a range of topics related to standard normal curve, t-scores, z-scores, transformation of scales, reliability, validity, confidence intervals, effect size, item analysis and factor analysis. The course will cover these topics within the context of t-tests, correlation and regression analyses. It will also cover the research methods in which these tests are most commonly used: non-experimental methods such as survey and longitudinal studies.

**PSYC 5312 Research Methods and Statistics II**  
3 Semester Credit Hours (3 Lecture Hours)  
The purpose of this course is to provide advanced knowledge on topics related to psychological methodology and statistics. Specifically, the course will cover the following statistical tests: ANOVA, non-parametric statistics, between, within/repeated and mixed studies design. Furthermore, it will also cover the research designs in which these tests are commonly used. Specifically, the course will focus primarily on quantitative and qualitative experiments.  
Prerequisite: PSYC 5311.

**PSYC 5321 Biological Bases of Behavior**  
3 Semester Credit Hours (3 Lecture Hours)  
The study of the anatomy and physiology of the human nervous system including neural transmission, motor systems, speech and higher cortical functions with special emphasis on the physiological changes associated with pathological conditions and their impact on human behavior. Core course.

**PSYC 5322 Advanced Personality Theories**  
3 Semester Credit Hours (3 Lecture Hours)  
A survey of the major approaches to the study of personality. Psychoanalytic, trait, behavioral and humanistic paradigms will be studied with respect to theory, research, and therapeutic application.

**PSYC 5323 Advanced Social Psychology**  
3 Semester Credit Hours (3 Lecture Hours)  
A survey of social psychological theory and research. Topics include attitudes, cognition, interpersonal relationships, social influence, prejudice, and group behavior.

**PSYC 5324 Advanced Developmental Psychology**  
3 Semester Credit Hours (3 Lecture Hours)  
A review of research and theories on normal physical, cognitive, emotional, and social development across the lifespan.

**PSYC 5341 Graduate Psychopathology**  
3 Semester Credit Hours (3 Lecture Hours)  
The study of psychological disorders including diagnosis, etiology, and treatment.

**PSYC 5342 Professional Issues and Ethics in Psychology**  
3 Semester Credit Hours (3 Lecture Hours)  
This course is designed to introduce graduate students to the ethical standards and contemporary issues affecting professional conduct in the field of psychology. The topics covered revolve around ethical conduct in practice and research, as well as the decision-making foundations for resolving ethical issues. In addition to ethical standards, legal issues affecting professional practice will be covered in detail.
PSYC 5352 Therapy with Multiple Clients: Interpersonal and Group Dynamics
3 Semester Credit Hours (3 Lecture Hours)
This course will engage graduate-level students in the study of the principal theories of group therapy and family therapy. The class will focus on the theoretical, ethical, and practical and culturally-informed application of both group process and family therapy.

PSYC 5355 Group Psychotherapy
3 Semester Credit Hours (3 Lecture Hours)
This course is designed to introduce the graduate student to the theoretical and applied issues related to the practice of group psychotherapy. Examines a variety of therapeutic groups as well as the issues related to the practice of group psychotherapy with special populations.
Prerequisite: PSYC 5350.

PSYC 5356 Applied Behavioral/Cognitive Psychology
3 Semester Credit Hours (3 Lecture Hours)
The focus of this course will be on key cognitive and affective bases of behavior and the manner in which these interact with environmental influences. The course will cover how essential concepts within these areas are linked to theoretical conceptualizations of behavior and psychopathology. Theoretical principles will be linked to applications within clinical psychology and to evidence-based interventions for psychological disorders.

PSYC 5357 Psychopharmacology
3 Semester Credit Hours (3 Lecture Hours)
This course is designed to introduce the graduate student to the basic classes of psychotropic drugs and their effects on human behavior. The course will begin with a basic review of how drugs are processed and used by the body including pharmacokinetics, pharmacodynamics and neural transmission. A discussion of the chemical properties of both therapeutic drugs and drugs of abuse by drug class will follow, including a discussion of the most common drugs used to treat psychological disorders. A previous course in graduate Physiological Psychology (PSYC 5321) is a prerequisite for this course.
Prerequisite: PSYC 5321.

PSYC 5360 Seminar in Psychology
3 Semester Credit Hours (3 Lecture Hours)
In depth study of various topics within psychology such as those related to history, clinical, social, and experimental psychology. May be repeated when topics vary.

PSYC 5395 Thesis
3 Semester Credit Hours
Independent research under the direction of a faculty member. May be repeated to a total of six semester hours.

PSYC 5396 Individual Study
1,3 Semester Credit Hours
Individual study, reading or research with faculty direction and evaluation. Offered on application to and approval of the program coordinator. No more than 6 hours will be counted towards the degree.

PSYC 5398 Clinical Practicum
3 Semester Credit Hours
Supervised experience in a placement such as a community mental health/mental retardation agency. May be repeated. (Limited to degree students in the Psychology program or graduates of the psychology program working on the LSSP [Licensed Specialist in School Psychology]). Liability insurance required. Enrollment is dependent on the number of suitable practicum sites available.