Psychology (PY)

PY 500 - INTRO CLINICAL & COUNSELING
Semester Hours: 3
PY 500 introduces clinical/counseling psychology and professional psychology. History of diagnosis and treatment, theoretical models in counseling, contemporary practice models, research basis of clinical/counseling psychology, empirically validated techniques, and doctoral program models are covered.

PY 502 - INDUSTRIAL & ORGANIZATIONAL PSY
Semester Hours: 3
Application of basic principles of learning, motivation, and perception to typical industrial and organizational problems. Same as ISE 502.

PY 503 - HUMAN FACTORS PSYCHOLOGY
Semester Hours: 3

PY 504 - THEORIES OF COUNSELING
Semester Hours: 3
This course is designed to introduce theories of psychotherapy and the process of psychotherapy and counseling. This course is a survey of counseling/psychotherapy models and techniques with emphasis on Empirically Validated Therapies (EVT) and traditional models with substantial support in the research and clinical literature.

PY 505 - PSYCHOPHARMACOLOGY
Semester Hours: 3
Introduction to drug classification and action with emphasis on physiological and psychological interactions. Same as BYS 505.

PY 506 - PSYCHOLOGY OF WOMEN
Semester Hours: 3
Examines theory and research in the psychological functioning of women, both in the United States and other nations. Topics include achievement and education, mental and physical health issues, biological influences on women's behavior, and victimization of women.

PY 507 - CROSS-CULTURAL PSYCHOLOGY
Semester Hours: 3
Examines psychological similarities and differences between members of industrialized and non-industrialized cultures. Comparisons will include development, social interaction, personality, cognition, psychological health and treatment, work, and acculturation.

PY 508 - TEAMWORK & TEAM PROCESSES
Semester Hours: 3
This course provides a basic introduction to teams and teamwork processes. The foundation of the course is research-based; topics will be approached from the context of empirical research that has been conducted. The types of research designs that are typically used in team research are addressed.

PY 509 - PSYCHOLOGY OF AGING
Semester Hours: 3
PY 509 examines psychological processes in adulthood and aging. Emphasis is placed on contemporary theories, methodological issues and how psychological, biological, social and environmental factors interact to predict growth, maintenance or decline in abilities throughout adulthood and aging.

PY 510 - TASK ANALYSIS & PROTOTYPING
Semester Hours: 3
This course introduces students to methods for analyzing user actions as they interact with software and tools to complete tasks. Students apply a range of prototype techniques from fast, low-fidelity prototypes to interactive high-fidelity prototypes.

PY 514 - ADVANCED LEARNING
Semester Hours: 3
Analysis of learning principles from simple relationships with animals to the complexities of human language and problem solving.
PY 515 - ADV. DEVELOPMENTAL PSYCHOLOGY
Semester Hours: 3
Examination of cognitive, psychoanalytic, ethological, behavioral, and humanistic theories of development.

PY 520 - SPECIAL TOPICS
Semester Hours: 3
Pre-announced special areas in seminar discussion, laboratory work, or practicum. May be taken twice for credit.

PY 530 - PSYCHOMETRICS
Semester Hours: 3
History and development of psychological testing with special emphasis given to both theory and process of effective evaluation.

PY 533 - PSYCHOPATHOLOGY
Semester Hours: 3
Selected disorders such as depression, anxiety disorders, and personality disorders from different theoretical orientations with emphasis on cognitive behavioral theory.

PY 534 - PSYCHOLOGY AND LAW
Semester Hours: 3
This seminar is a survey of the major topics represented in the field of Psychology and Law. We will focus on how psychological research can contribute to a better understanding of issues related to law.

PY 537 - PSYCHOBIOLOGY OF STRESS/ILLNES
Semester Hours: 3
Overview of physiological stress responses and their influence on health behavior and illness. Same as BYS 537.

PY 580 - PROSEMINAR: COGNITIVE
Semester Hours: 3
Critical examination of the cognitive approach to areas of study within psychology. Students are responsible for library research, writings, and presentation of selected topics.

PY 607 - PROFESSIONAL DEV IN RES & TCHG
Semester Hour: 1
Focus on developing knowledge and skills relevant to future goals, such as career exploration, internship opportunities, resume writing, and graduate program exploration. Required of first year students.

PY 608 - GRAD PRACT TCHG & CAREER EXPLO
Semester Hour: 1
Focus on developing knowledge and skills relevant to future goals, such as career exploration, internship opportunities, resume writing, and graduate program exploration. Required of first year students.

PY 610 - EXPERIMENTAL DESIGN
Semester Hours: 3
Design and use of the experiment as an inferential tool. Issues pertaining to reliability, validity, manipulation of independent variables and sampling will be examined. Statistical techniques for analysis of data generated by experimental designs.

PY 611 - STAT FOR EXPERI METHODS
Semester Hours: 4
Statistical techniques for analysis of data generated by experimental designs.

PY 612 - MULTIVARIATE ANALYSIS
Semester Hours: 3
Covers how to conduct, interpret, and summarize multivariate analyses. Prerequisite: PY 611 (B- or better).

PY 615 - GRADUATE SEMINAR
Semester Hours: 3
Intensive analysis of selected theoretical or applied topics relating to psychological development. May be taken more than once for credit.
PY 624 - HUMAN FACTORS IN SYSTEM DESIGN
Semester Hours: 3

Introduces basic principles of methods analysis and ergonomics. Methods analysis topics include: work measurement tools, work sampling, job analysis, job evaluation, and development and use of flow and activity charts for methods improvement. Same as ISE 624.

PY 641 - CONC READ/RES SPECIALIZ AREA
Semester Hours: 3

Independent readings and/or experiments in an area within the student's field of specialization. One requirement is a research proposal, which will be reviewed by the faculty advisor. May be taken more than once for credit. Prerequisite: Instructor approval.

PY 650 - SUPERVISED RESEARCH
Semester Hours: 1-6

Laboratory or applied research concerning a particular topic, approved and supervised by a PY faculty member. The student may work on an independent or group project. May be taken more than once for credit.

PY 675 - INTERNSHIP IN APPLD PSYCHOLOGY
Semester Hours: 1-6

Students are placed in a field setting under the supervision of a faculty member and a site supervisor. Students receive site-specific training, experience, and individual supervision. Prerequisites: PY 502, PY 607, PY 608, PY 610, and PY 611.

PY 699 - MASTER'S THESIS
Semester Hours: 1-6

Required each semester a student is working and receiving faculty direction on a master's thesis. Prerequisites: PY 641, a minimum of two terms is expected. Credit awarded upon successful completion of the thesis.

PY 762 - PERFORM MEASUR/PRODU IMPROVEMENT
Semester Hours: 3

Productivity and performance defined and used to analyze current competitive position of important sectors of US industry with respect to national and international competition.