PSYCHOLOGY (3750)

3750:100. Introduction to Psychology. (3 Credits)
Introduction to scientific study of behavior, survey of physiological basis of behavior, sensation and perception, development, learning and cognition, personality, social interaction and other selected topics.

3750:105. Professional & Career Issues in Psychology. (1 Credit)
Corequisite: 3750:100. An overview of the field of psychology including educational requirements, career opportunities and professional issues for students considering a psychology major.

3750:110. Quantitative Methods in Psychology. (4 Credits)
Prerequisite or corequisite: 3750:100. Presentation of data, descriptive statistics, correlation, hypothesis testing and introduction to statistical methodologies in psychology, including computer applications.

3750:220. Introduction to Experimental Psychology. (4 Credits)
Prerequisites: 3750:100 and 3750:110. Lectures and laboratory experience in the scientific bases of psychology such as experimental design, methods and apparatus, collection and analysis of data and interpretation of results.

3750:230. Developmental Psychology. (4 Credits)
Prerequisite: 3750:100. Determinants and nature of behavioral change from conception to death.

3750:320. Biopsychology. (4 Credits)
Prerequisite: 3750:100. Relationship between behavior and its biological/physiological foundations including brain structure and function, sensation, behavior genetics, learning and memory, and other topics.

3750:330. Emotion Across the Lifespan. (4 Credits)
Prerequisites: 3750:100 & 3750:230. We read and discuss primary writings on theoretical and empirical research in emotional development in adulthood. Topics include emotion perception and emotion regulation.

3750:335. Dynamics of Personality. (4 Credits)
Prerequisite: 3750:100. An overview of theory and research involving the development, maintenance and assessment of personality and individual differences.

3750:340. Social Psychology. (4 Credits)
Prerequisite: 3750:100. The examination of an individual's response to social environment and social interaction processes. Social perception, attitude formation and change, affiliation and attraction, altruism, group processes and nonverbal behavior.

3750:345. Cognitive Processes. (4 Credits)
Prerequisite: 3750:100. Survey of the basic phenomena, concepts and theories in the areas of human perception, learning, memory and cognition.

3750:380. Industrial/Organizational Psychology. (4 Credits)
Prerequisite: 3750:100. Survey of the application of psychology to the workplace including an emphasis on organizational (e.g., motivation) and personnel issues (e.g., selection).

3750:400. Personality. (4 Credits)
Prerequisites: 3750:100 and 3750:335. Consideration of current conceptualizations of the normal personality with emphasis on methods of measurement, experimental findings and research techniques.

3750:405. Sensation & Perception. (4 Credits)
Prerequisite: 3750:100. Reviews the basic psychological and neural components of sensation and perception involving visual, auditory, cutaneous, and chemical sensory systems.

3750:410. Psychological Tests & Measurements. (4 Credits)
Prerequisites: 3750:100 and 3750:110. Consideration of the nature, construction and use of tests and measurements in industry, government and education. Includes aptitude and achievement tests, rating scales, attitude and opinion analysis.

3750:415. Cognitive Neuroscience. (4 Credits)
Prerequisite: 3750:100. A review of neuroimaging studies addressing contemporary themes in human behavior, including consciousness, learning and memory, neuropathology, and emotion.

3750:420. Abnormal Psychology. (4 Credits)
Prerequisite: 3750:100. Survey of syndromes, etiology, diagnoses and treatments of major psychological conditions ranging from transient maladjustments to psychoses.

3750:425. Psychology of Hate. (4 Credits)
Prerequisite: 3750:100. The primary objective of this course is to understand the psychology behind hate. Topics include racism, sexism, heterosexism, religious intolerance, classism and ageism.

3750:430. Psychological Disorders of Children. (4 Credits)

3750:435. Cross-Cultural Psychology. (4 Credits)
Prerequisites: 3750:100. Influence of culture and ethnicity upon development of individual psychological processes including functioning, identity, social motives, sex roles and values.

3750:440. Personnel Psychology & the Law. (4 Credits)
Prerequisite: 3750:380 or 6500:301. The implications of equal employment law on the practice of personnel psychology.

3750:441. Clinical & Counseling Psychology I. (4 Credits)
Prerequisites: 3750:100 and 3750:335. Overview of the fields of clinical and counseling psychology with a major focus on psychotherapeutic approaches, including cultural considerations, legal/ethical issues, and outcome research.

3750:442. Clinical & Counseling Psychology II. (4 Credits)
Prerequisite: 3750:441. Overview of individual counseling and psychotherapy, group counseling, personality and ability testing, marriage and family counseling, hypnosis, sex therapy, psychopharmacology and related specialties. Specific topics in clinical and counseling practice including professional trends, ethics, various therapeutic and diagnostic procedures, and specialty areas.

3750:443. Human Resource Management. (4 Credits)
Prerequisites: 3750:100 and 3750:380. The application of psychological theory to the effective management of human resources in an organization, including recruitment, selection, training and retention of personnel.

3750:444. Organizational Theory. (4 Credits)
Prerequisites: 3750:100 and 3750:380. The application of psychological theory to macro-level processes in organizations including leadership, motivation, task performance, organizational theories and development.

3750:445. Psychology of Small Group Behavior. (4 Credits)
Prerequisites: 3750:100. Intensive investigation of factors affecting behavior and performance in small groups including effects of personality, social structures, task, situational and social-cognitive variables.
3750:450. Cognitive Development. (4 Credits)
Prerequisites: 3750:100 and 3750:345. Theory and research on lifespan changes in cognitive processes including concept formation/categorization, information processing and Piagetian assessment tasks.

3750:460. History of Psychology. (3 Credits)
Prerequisite: 3750:100. Psychology in pre-scientific period and details of developmental or systematic viewpoints in 19th and 20th Centuries.

3750:474. Psychology of Women. (4 Credits)
Prerequisites: 3750:100 or 3001:200. Reviews theory and research in the psychology of women and gender and encourages students to use these in their everyday lives.

3750:475. Psychology of Adulthood & Aging. (4 Credits)
Prerequisites: 3750:100 and 3750:230. Psychological aspects of human development from adolescence to older adulthood including age-related changes in socialization, personality, intelligence, sensation, perception, learning, memory and clinical applications.

3750:480. Special Topics in Psychology. (1-4 Credits)
(May be repeated to a maximum of 8 credits) Prerequisite: 3750:100 and 64 credits completed. Junior standing. Comprehensive survey of contemporary status of specialized topics and issues in psychology. Emphasis on original source materials, critical analysis and synthesis of empirical and theoretical aspects.

3750:488. Honors Project in Psychology. (4 Credits)
Prerequisites: Psychology major and departmental permission, and 3750:100, 3750:105, 3750:110, 3750:220, and [3750:320 or 3750:335 or 3750:340 or 3750:345]. Selection of research topic, review of relevant literature, research design, and proposal.

3750:489. Honors Project in Psychology. (4 Credits)
Prerequisites: Psychology major and departmental permission, and 100 and 105 and 110 and 220, and 320 or 335 or 340 or 345. Data collection, analysis, and preparation of the final research report in journal style.

3750:495. Field Experience in Psychology. (1-4 Credits)
(May be repeated to a maximum of 6 credits). Prerequisites: 3750:100, 3750:105, 3750:110 and eight additional credits in psychology. On-site supervised individual placements in appropriate settings. The academic component of the experience will be under the supervisor of a selected faculty member.

3750:497. Independent Reading/Research in Psychology. (1-3 Credits)
(May be repeated to a maximum of 6 credits). Prerequisites: 3750:100, 3750:105, 3750:110, 3750:220 and four additional credits in psychology. Independent reading and/or research in an area of psychology under the supervision and evaluation of a selected faculty member.

3750:498. Honors Research in Psychology. (1-3 Credits)
Prerequisites: Psychology major and approval of honors advisor. Individual research with a faculty advisor leading to the completion of a research project satisfying departmental and university requirements.