

Course Descriptions

Psychology 3000 level courses

NOTE:

Please consult the Peterborough or Oshawa online academic timetable for information on 2011–20012 course offerings and scheduling.

PSYC 3015Y – Advanced statistics and research design

An intensive study of the application of statistical techniques to a variety of research questions and experimental designs. Focus is on the laws of probability, techniques of analysis of variance and covariance, correlation, regression and multivariate procedures. Prerequisite: 8 university credits including 60% or higher in PSYC 215 or in both of PSYC 2016H and 2017H. Excludes PSYC 315.

PSYC 3110H – Basic psychometrics

A basic introduction to the principles of educational and psychological test construction and development that would be very beneficial to students pursuing careers in the school system. Topics include classical test theory, correlational methodology, item analysis, reliability, validity, and norms. Working knowledge of the Statistica software program is assumed. Prerequisite: 8 university credits including 60% or higher in PSYC 215 or in both of PSYC 2016H and 2017H. Excludes PSYC 332H and 333.

PSYC – BIOL 3210H – Principles of the nervous system

An intensive coverage of the central nervous system, its anatomy and physiological interactions. The course emphasizes subcortical and cortical brain structures and their functional characteristics. Prerequisite: 8 university credits including PSYC 2200H (222H) or 221 or one of BIOL 2070H (207H), 2110H (211H), 2130H (213H), 3560H (384H). Excludes PSYC – BIOL 375H.

PSYC – BIOL 3220H – Neuropsychology

An examination of the relationship between brain function and psychological processes, drawing heavily from contemporary research involving humans and animals and describing the neural bases for such psychological processes as learning, memory, language and emotion. Special attention is given to behavioural abnormalities resulting from brain pathology. Prerequisite: 8 university credits including PSYC 2200H (222H) or 221 or PSYC – BIOL 3210H (375H). Excludes PSYC – BIOL 376H.

PSYC 3230H – Sleep and arousal

A description of the states of sleep using electrophysiological, physiological and behavioural terms, exploration of the nature of normal sleep in various species, examination of the nature of sleep disorders, consideration of the various theories of the functions of sleep. Prerequisite: 8 university credits including 0.5 credit from A2 category. Excludes PSYC 372H.

PSYC 3300H – Advanced abnormal psychology

This course is designed to explore in depth a cross-section of basic topics in abnormal psychology with emphasis upon specific diagnostic categories. Topics include anxiety, somatoform, mood, psychotic, and substance-related disorders. Clinical features, theoretical models of their development, maintenance, and treatment, and associated paradigms and findings will be addressed. Prerequisite: 8 university credits including PSYC 2300H (240H). Excludes PSYC 340 and 341H.

PSYC – BIOL 3360H – Behavioural ecology (see Biology)

Not counted as part of the minimum requirements for the General or Honours degree in Psychology.

PSYC 3420H – Emotion

A survey of theory and research on human and animal emotion. Topics covered include the definition, measurement, evolution, development, control, physiology and neurology of emotions, as well as the connections between emotions, cognitions and consciousness. Prerequisite: 8 university credits including PSYC 2400H (225H) or 306 or 351. Excludes PSYC 303H and 396H.

PSYC 3430H – Memory

This course examines the processes and strategies underlying memory phenomena in humans, including their application to real-world events. Topics considered include imagery; working memory; memory as a constructive process; emotion and memory; implicit/explicit memory; memory disorders; and abilities and memory. Prerequisite: 8 university credits including PSYC 215 or both of PSYC 2016H and 2017H plus 2400H (225H). Excludes PSYC 306, 351 and 352H.

PSYC 3440H – Aging and cognition

A detailed examination of the changes in cognitive functioning that accompany the aging process. While consideration will be given to the alterations in nervous and sensory systems that help explain decrements, attention will also be focused on the experiential factors that lead to maintenance and improvements in many cognitive skills. Prerequisite: 8 university credits including PSYC 215 or both of PSYC 2016H and 2017H plus one of PSYC 2400H (225H), 306, 351. Excludes PSYC 379H, 380 and 480.

PSYC 3450H – Reading processes

A research-oriented examination of the reading process seen as coordinating print and meaning, with an emphasis on the relation between reader and text. Topics covered include psycholinguistic theory, research methodologies, letter and word recognition, text comprehension, the acquisition of reading skill, individual differences in reading ability, and reading disorders. Prerequisite: 8 university credits including PSYC 215 or both of PSYC 2016H and 2017H plus one of PSYC 2450H (202H), 2400H (225H), 306, 351. Excludes PSYC 307H, and 365.

PSYC 3460H – Sensation and perception

An intensive examination of how humans (and other species) perceive information presented to the senses. Topics include mechanisms of perception, detection, discrimination and pattern recognition. Psychophysical measurement, colour and spatial vision, hearing, taste, smell, and touch may be covered. Anatomical and physiological structures that support the senses are discussed. Prerequisite: 8 university credits including PSYC 215 or both of PSYC 2016H and 2017H, plus 0.5 credit from A2 category. Excludes PSYC 306 and 366H.

PSYC 3510H – Development of adolescents and young adults

This course is designed to examine developmental theory and research in the area of development of adolescents and young adults. Topics include different theoretical views of physical, cognitive, moral and identity development and developmental issues in the contexts of family, peers, school and work. Prerequisite: 8 university credits including PSYC 280 or 2500H (281H). Excludes PSYC 381H.

PSYC 3550H – Adult development and aging: Psychosocial perspectives

Examines theory and research of aging within the framework of the life span perspective. Topics to be covered include theories of aging, lifestyle factors, personality, stress and coping, social resources, mental attitudes (optimism and personal meaning), death attitudes, and Alzheimer's disease. Prerequisite: 8 university credits including PSYC 2500H (281H) or 280. Excludes PSYC 363H, 380 and 480.

PSYC 3560H – Family development

This course will expose the student to current life-span developmental theory and research methodology in the area of family relationships. Topics to be covered include family-systems theory, attachment theory, Erikson's psychosocial theory, developmental interaction in the child-rearing years, family life transitions, challenging issues of contemporary parenting. Prerequisite: 8 university credits including PSYC 2500H (281H) or 280; or 60% or higher in PSYC 1010Y (101) or in both of 1020H (102H) and 1030H (103H) plus 4.0 Nursing credits. Excludes PSYC 384H.

PSYC 3580H – Development of individuals with exceptionalities

This course is designed to examine developmental theory and research in the area of exceptional development. Topics include developmental difficulties for individuals with intellectual, vision or hearing impairments, individuals with physical disabilities and individuals with autism. Practical and theoretical implications of research will be emphasized. Prerequisite: 8 university credits including PSYC 2500H (281H) or 280. Excludes PSYC 382 and 383H.

PSYC 3590H – Psychology of education

An examination of the history, research methodology, theories of learning, structure of intellect, and assessment procedures within the field of educational psychology. This course will focus on the current, and sometimes controversial, issues which are at the forefront of research on and discussions of the relationship between psychological principles and educational practice. Prerequisite: 8 university credits including 1.0 Psychology 2000-level credit other than PSYC 215 or PSYC 2016H and 2017H. Excludes PSYC 301 and 308H.

PSYC 3610H – Behaviour modification

The application of principles of learning and motivation to practical situations including teaching, child rearing, public institutions and everyday life settings. The two areas of concentration are: a) basic principles of learning and b) their application. Prerequisite: 8 university credits including PSYC 2600H (227H). Excludes PSYC 320 and 323H.

PSYC 3730H – Intimate relationships

An examination of the development, maintenance and breakdown of friendship and intimate relationships with emphasis upon individual differences in both quality and quantity of these relationships. Prerequisite: 8 university credits including PSYC 271 or 2700H (272H). Excludes PSYC 300H.

PSYC – WMST 3740H – Psychology of gender

An examination of models of gender role orientation and the relationship of gender roles to social cognition and social behaviours with particular emphasis upon physical and mental well being. Prerequisite: 8 university credits including PSYC 2700H (272H) or 271. Excludes PSYC 304H.

PSYC 3750H – Health psychology

Examines current views on the interface between psychosocial processes and physical health, focusing on theory-based psychological research and the practice of health psychology. Topics include models of health and illness, research methods employed, the impact of chronic illness on psychological well-being, and lifestyle and risk factors in various medical disorders. Prerequisite: 8 university credits including PSYC 215 or both of PSYC 2016H and 2017H, plus 1.0 other 2000-level Psychology credit; or 60% or higher in PSYC 1010Y (101) or in both of PSYC 1020H (102H) and PSYC 1030H (103H), NURS 2030H, 4.0 additional Nursing credits, and co-registration in NURS 3030H. Excludes PSYC 343H, 353 and 450.

PSYC – WMST 3760H – Human sexuality

This course examines biological and social psychological components of human sexual development and behaviour from a life-span perspective in the North American context. Attention is given to formal and informal sexual socialization and to laws regulating sexual behaviour, with an emphasis on psychological research and theory and differing value perspectives. Prerequisite: 8 university credits including PSYC 2700H (272H) or 271. Excludes PSYC – WMST 355H.

PSYC 3780H – Dreams and dreaming

An examination of the history of the meaning and use of dreams in various cultures, modern approaches to the study of dream material, relation of dreams to age, gender, social and cultural groups using content analysis, correlation of dream content to mental and physical health, lucid dreaming. Prerequisite: 8 university credits including one of PSYC 2200H (222H), 221, 2310H (236H), 235. Excludes PSYC 373H.

PSYC 3801H – Research practicum 1

A course designed to allow students in the third year of the Psychology Honours degree program to pursue research activities under the direction of a department faculty member, normally within that person's on-going research program. Prerequisite: 8 university credits including 75% or higher in PSYC 215 or in both of PSYC 2016H and 2017H, successful completion of 3.0 Psychology credits, Honours standing, specific course prerequisites depending on the faculty supervisor, and permission of the department. Consult the student handbook for a list of participating faculty members. Students intending to take a research practicum course must consult with the chair of the department before registering in the course. Excludes PSYC 387H.

PSYC 3802H – Research practicum 2

A course designed to allow students in the third year of the Psychology Honours degree program to pursue research activities under the direction of a department faculty member, normally within that person's on-going research program. Prerequisite: 8 credits including 75% or higher in PSYC 215 or in both of PSYC 2016H and 2017H, successful completion of 3.0 Psychology credits, Honours standing, specific course prerequisites depending on the faculty supervisor, and permission of the department. Consult the student handbook for a list of participating faculty members. Students intending to take a research practicum course must consult with the chair of the department before registering in the course. Excludes PSYC 388H.

PSYC 3901Y, 3902H, 3903H – Reading course

A course designed to allow advanced students in Psychology to pursue independent study under the direction of departmental faculty. Prerequisite: Honours standing, 8 university credits including PSYC 215 or both of PSYC 2016H and 2017H, specific course prerequisites depending on the supervisor, and permission of the department.