

## Course Descriptions - Psychology 3000 level courses

*NOTE:*

**Please consult the Peterborough or Durham/Oshawa online academic timetable for information on course offerings and scheduling.**

**PSYC 3015Y: Advanced Statistics and Research Design (Sc)**

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: 8.0 university credits including 60% or higher in PSYC 2018H and 2019H (or in 2016H and 2017H or 215). Excludes PSYC 315.

**PSYC-PHIL 3020H: Philosophy of Emotion (Sc) (see Philosophy)**

**PSYC 3110H: Basic Psychometrics (Sc)**

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: 8.0 university credits including 60% or higher in PSYC 2018H and 2019H (or in 2016H and 2017H or 215). Excludes PSYC 332H, 333.

**PSYC-BIOL 3210H: Principles of the Nervous System (Sc) (see Biology)**

**PSYC-BIOL 3220H: Neuropsychology (Sc)**

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: 8.0 university credits including PSYC 2200H (222H) or 221 or PSYC-BIOL 3210H (375H). Excludes PSYC-BIOL 376H.

**PSYC 3230H: Sleep and Arousal (Sc)**

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: 8.0 university credits including 0.5 credit from A2 category. Excludes PSYC 372H.

**PSYC 3300H: Advanced Abnormal Psychology (Sc)**

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: 8.0 university credits including PSYC 2300H (240H). Excludes PSYC 341H, 340.

**PSYC-BIOL 3360H: Behavioural Ecology (Sc) (see Biology)**

**PSYC 3420H: Motivation and Emotion (Sc)**

A survey of theory and research on motivation and emotion. Topics include the definition, measurement, evolution, development, control, physiology, and neurology of motivation and emotions, as well as the connections between emotions, cognitions, and consciousness. Prerequisite: 8.0 university credits including PSYC 2400H (225H) or 306 or 351. Excludes PSYC 303H, 396H.

**PSYC 3430H: Memory (Sc)**

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: 8.0 university credits including PSYC 2018H and 2019H (or 2016H and 2017H, or 215), and PSYC 2400H (225H). Excludes PSYC 352H, 306, 351.

**PSYC 3451H: Psychology of Language (Sc)**

A research-oriented approach to psycholinguistic theory and the psychology of language. Topics include syntactic theory, the representation of meaning in language, the relation between cognition and language, language acquisition in children, individual differences in language use, bilingualism, and language disorders. Prerequisite: 8.0 university credits including PSYC 2018H and 2019H (or 2016H and 2017H, or 215), and PSYC 2400H (225). Excludes PSYC 202H, 302H, 365, 2450H.

**PSYC 3460H: Sensation and Perception (Sc)**

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: 8.0 university credits including PSYC 2018H and 2019H (or 2016H and 2017H, or 215), and 0.5 credit from A2 category. Excludes PSYC 366H, 306.

**PSYC 3510H: Development of Adolescents and Young Adults (Sc)**

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: 8.0 university credits including PSYC 2500H (281H) or 280. Excludes PSYC 381H.

**PSYC 3530H: Atypical Development (Sc)**

Examines theory and research in the area of atypical child development using a developmental psychopathology framework. Topics include anxiety disorder, learning disorders, and autism spectrum disorder (among others). Practical and clinical implications of research will be emphasized as well as the importance of understanding typical child development. Prerequisite: 8.0 university credits including PSYC 2500H (281H) or 280. Excludes PSYC 383H, 382, 3580H.

**PSYC 3560H: Family Development (Sc)**

Exposes the student to current life-span developmental theory and research methodology in the area of family relationships. Topics 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: 8.0 university credits including PSYC 2500H (281H) or 280; OR 60% or higher in 1020H (102H) and 1030H (103H) or in PSYC 1010Y (101) and 4.0 NURS credits. Excludes PSYC 384H.

**PSYC 3580H: Development of Individuals with Exceptionalities (Sc)**

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: 8.0 university credits including PSYC 2500H (281H) or 280. Excludes PSYC 383H, 382, 3530H.

**PSYC 3590H: Psychology of Education (Sc)**

An examination of the history, research methodology, theories of learning, structure of intellect, and assessment procedures within the field of educational psychology. Focuses 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: 8.0 university credits including 1.0 PSYC 2000-level credit other than PSYC 2016H, 2017H, 2018H, 2019H, or 215. Excludes PSYC 308H, 301.

**PSYC 3610H: Behaviour Modification (Sc)**

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: 8.0 university credits including PSYC 2600H (227H). Excludes PSYC 323H, 320.

**PSYC-ERSC 3710H: Environmental Health (see Environmental & Resource Science/Studies) (Sc)****PSYC 3730H: Intimate Relationships (Sc)**

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: 8.0 university credits including PSYC 2700H (272H) or 271. Excludes PSYC 300H.

**PSYC-WMST 3740H: Psychology of Gender (Sc)**

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: 8.0 university credits including PSYC 2700H (272H) or 271. Excludes PSYC 304H.

**PSYC 3750H: Health Psychology (Sc)**

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: 8.0 university credits including PSYC 2018H and 2019H (or 2016H and 2017H or 215) and 1.0 other 2000-level PSYC credit; OR 60% or higher in PSYC 1020H (102H) and 1030H (103H) or in PSYC 1010Y (101), NURS 2030H, 4.0 additional NURS credits, and co-registration in NURS 3030H. Excludes PSYC 343H, 353, 450.

**PSYC 3760H: Human Sexuality (Sc)**

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: 8.0 university credits including PSYC 2700H (272H) or 271. Excludes PSYC-WMST 355H.

**PSYC 3770H: Environmental Psychology (Sc) (NEW COURSE OFFERING FA 2015)**

An overview of theory, research, and methods in environmental psychology, examining the interrelationship between humans and the physical environment (both natural and constructed). Topics include environmental cognition and behaviour, dysfunctional and restorative environments, urban stress, environmental risk perception, psychological impact of ecological crises, values and attitudes towards nature, and conservation psychology. Prerequisite: 8.0 university credits including PSYC 2018H and 2019H (or 2016H and 2017H, or 215), and either PSYC 2310H or 2700H.

**PSYC 3780H: Dreams and Dreaming (Sc)**

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: 8.0 university credits including one of PSYC 2200H (222H), 221, 2310H (236H), or 235. Excludes PSYC 373H.

**PSYC-WMST 3796H: Feminist Psychologies (Sc) (see Gender & Women's Studies)****PSYC 3801H: Research Practicum 1 (Sc)**

Designed to allow students in the third year of the Psychology Honours program to pursue research activities under the direction of a department faculty member, normally within that person's ongoing research program. Prerequisite: 8.0 university credits including 75% or higher in PSYC 2018H and 2019H (or in 2016H and 2017H or 215); successful completion of 3.0 PSYC 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. Excludes PSYC 387H.

**PSYC 3802H: Research Practicum 2 (Sc)**

Designed to allow students in the third year of the Psychology Honours program to pursue research activities under the direction of a department faculty member, normally within that person's ongoing research program. Prerequisite: 8.0 credits including 75% or higher in PSYC 2018H and 2019H (or in 2016H and 2017H or 215); successful completion of 3.0 PSYC 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. Excludes PSYC 388H.

**PSYC 3900Y, 3901H, 3902H: Reading Course (Sc)**

Designed to allow advanced students in Psychology to pursue independent study under the direction of departmental faculty. Prerequisite: Honours standing; 8.0 university credits including PSYC 2018H and 2019H (or 2016H and 2017H, or 215); specific course prerequisites depending on the supervisor; and permission of the department. Excludes PSYC 390, 391H, 392H.