

**PSYCHOLOGY
CURRICULUM**

Master of Arts

DEGREE REQUIREMENTS

Credits

Psychological Science Field

| | | |
|--------------------------|---------------------------------|-------------|
| Thesis | | (Milestone) |
| PS8101 | Stats and Research Design I | 1 |
| PS8102 | Stats and Research Design II | 1 |
| PS8201 | Appl, Translational Rsrch Meth | 1 |
| PS8202 | Practicum in Psych Science I | 1 |
| PS8203 | Psychological Science Seminar I | 1 |
| Two Psychology electives | | 2 |

Clinical Psychology Field

| | | |
|---------------------------|---------------------------------------|-------------|
| Thesis | | (Milestone) |
| PS8101 | Stats and Research Design I | 1 |
| PS8102 | Stats and Research Design II | 1 |
| PS8103 | Clinical Research Methods | 1 |
| PS8301 | Psychopathology | 1 |
| PS8304 | Treatment of Psych Disorders | 1 |
| PS8306 | Practicum in Clinical Psych I | 1 |
| PS8309 | Psychological Assessment I | 1 |
| PS8310 | Psychological Assessment II | 1 |
| PS8312 | Culturally-Informed Clinical Practice | 1 |
| PS9306 | Cognitive and Behavioural Therapy | 1 |
| Two Psychology electives* | | 2 |

Doctor of Philosophy

DEGREE REQUIREMENTS

Credits

Psychological Science Field

| | | |
|---------------------------|----------------------------------|-------------|
| Comprehensive Requirement | | (Milestone) |
| Dissertation | | (Milestone) |
| PS9201 | Psych Sci Professional Issues | 1 |
| PS9202 | Practicum in Psych Science II | 1 |
| PS9204 | Psychological Science Seminar II | 1 |
| Two Psychology electives | | 2 |

(If a History of Psychology credit was not completed at the MA or senior undergraduate level, PS9101 History of Psychology must be one of the electives.)

Clinical Psychology Field

| | | |
|------------------------------|---------------------------------|-------------|
| Comprehensive Requirement | | (Milestone) |
| Dissertation | | (Milestone) |
| Internship in Clinical Psych | | (Milestone) |
| PS8303 | Systems of Psychotherapy | 1 |
| PS9301 | Ethical/Prof Issues Clin Psych | 1 |
| PS9303 | Practicum in Clinical Psych II | 1 |
| PS9304 | Practicum in Clinical Psych III | 1 |
| Four Psychology electives* | | 4 |

(If a History of Psychology credit was not completed at the MA or senior undergraduate level, PS9101 History of Psychology must be one of the electives.)

Foundational Areas:

Biological Bases of Behaviour
 Cognitive-Affective Bases of Behaviour
 Social Bases of Behaviour
 Individual Behaviour
 Historical and Scientific Foundations of General Psychology

*To meet the breadth requirements for accreditation with the Canadian Psychological Association, clinical psychology students are required to take graduate or undergraduate courses covering the five foundation areas.

Electives**Credits****Psychological Science**

| | | |
|--------|---|---|
| PS8501 | Special Topics in Cognition | 1 |
| PS8502 | Special Topics in Developmental Psych | 1 |
| PS8503 | Special Topics in Health Psychology | 1 |
| PS8504 | Special Topics in Social Psychology | 1 |
| PS8506 | Percept and Cognitive Ergonomics | 1 |
| PS8507 | Cognitive Neuroscience | 1 |
| PS8508 | Critical Perspectives in Psych | 1 |
| PS8509 | Culture and Identity | 1 |
| PS8510 | Early Development | 1 |
| PS8511 | Gender and Health | 1 |
| PS8512 | Learning, Plasticity, Memory | 1 |
| PS8513 | Multivariate Statistical Analysis | 1 |
| PS8515 | Psychology of Aging | 1 |
| PS8516 | Psychology and Law | 1 |
| PS8517 | Psychometric Theory, Research | 1 |
| PS8518 | Research Design in Child Devel | 1 |
| PS8519 | Social Cognition | 1 |
| PS8520 | Socio-Cognitive Development | 1 |
| PS8521 | Community Psychology | 1 |
| PS8522 | Directed Readings: Psych Sci | 1 |
| PS8523 | Prejudice and Discrimination | 1 |
| PS8524 | Perception and Action | 1 |
| PS8525 | Practicum in Teaching | 1 |
| PS8526 | Special Topics in Perception | 1 |
| PS8527 | Computational Methods in Psych | 1 |
| PS8528 | System and Meta-Analyt Reviews | 1 |
| PS8529 | Qualitative Research Methods | 1 |
| PS8530 | Psychology of Body Image | 1 |
| PS8531 | Anatomy of the Human Brain | 1 |
| PS8532 | Cognitive Aging | 1 |
| PS8533 | Program Evaluation | 1 |
| PS8534 | Special Topics in Biopsych | 1 |
| PS8535 | Sleep | 1 |
| PS8536 | Special Topics in Sexuality | 1 |
| PS8537 | Special Topics in Psychological Methods | 1 |
| PS8538 | Industrial/Organizational Psychology | 1 |
| PS9101 | History of Psychology | 1 |
| PS9203 | Practicum in Psychological Science III | 1 |

ELECTIVES

Clinical Psychology

| | | |
|--------|---|---|
| PS8538 | Industrial/Organizational Psychology | 1 |
| PS8701 | Special Topics in Clinical Psych | 1 |
| PS8703 | Anxiety Disorders | 1 |
| PS8704 | Developmental Psychopathology | 1 |
| PS8705 | Clinical Neuropsychology | 1 |
| PS8706 | Clinical Psychopharmacology | 1 |
| PS8707 | Cognition and Psychopathology | 1 |
| PS8708 | Eating Disorders | 1 |
| PS8709 | Directed Readings: Clin Psych | 1 |
| PS8710 | Couple and Family Therapy | 1 |
| PS8711 | Child and Adolescent Intervention | 1 |
| PS8712 | Mood Disorders | 1 |
| PS8713 | Psychology of Addictive Disorders | 1 |
| PS8714 | Multilevel Modelling | 1 |
| PS8715 | Structural Equation Modelling | 1 |
| PS9305 | Practicum in Clinical Psych IV | 1 |
| PS9307 | Supervision, Consultation, & Evaluation | 1 |

COURSES

Internship in Clinical Psychology

Supervised internship in a community setting approved by the Director of Clinical Training. This internship is required of all students in the clinical psychology Ph.D. program and must be taken over the course of a full year. Prerequisites: Completion of all course requirements in the clinical psychology doctoral program, and approval of the Director of Clinical Training. This is a "Milestone." Pass/Fail

Master's Thesis

Independent research leading to an acceptable master's thesis. This is a "Milestone." Pass/Fail

Comprehensive Requirement

Doctoral students will be required to develop an original research question that they will address via a written paper. The comprehensive requirement is designed to provide breadth and depth of knowledge, and to develop skills as an independent researcher. The comprehensive requirement is typically completed in the first year of the PhD. This is a "Milestone." Pass/Fail

Doctoral Thesis

Independent research leading to an acceptable doctoral dissertation. This is a "Milestone." Pass/Fail

PS8101 Statistics and Research Design I

This course provides an overview of basic statistical concepts, applications of these concepts, and an introduction to experimental design and psychology. Topics to be covered include probability theory, significance testing, correlational and regression methods, and an introduction to computerized statistical analysis. This course is required of all graduate students in psychology during the first semester of their first-year, and it is the first part of a required two-course sequence on this topic. Prerequisites: Undergraduate course(s) in psychology statistics or equivalent, and graduate status. 1 Credit

PS8102 Statistics and Research Design II

This course provides instruction in advanced methods in regression and multiple regression, as well as instruction in advanced analysis of variance techniques, general linear models, analysis of categorical data, use of non-parametric statistics, and structural equation modeling. This course is required of all graduate students in psychology during the second semester of their first-year and is the second part of a required two-course sequence on this topic. Prerequisites: Statistics and Research Design I, and graduate status. 1 Credit

PS8103 Clinical Research Methods

This course offers a review of research methods in clinical psychology, including issues related to design, measurement, and interpretation. Topics to be covered include test construction and psychometrics, experimental and observational methods in clinical research, single case experimental designs, qualitative research, research ethics, diversity issues in clinical research, etc. This course is required of all MA students in clinical psychology. 1 Credit

PS8201 Applied and Translational Research Methods

An introduction to applied and translational research methods. In the first half of the course, discussions will include how to balance good science with specific real-world objectives and how to translate laboratory findings into real-world solutions. In the second half of the course, students engage in directed readings that will prepare them for their Practicum placements (e.g., Cognitive Ergonomics, Program Evaluation). 1 Credit

PS8202 Practicum in Psychological Science I

This internal practicum is designed to provide students with breadth in psychological research methods and approaches. Students contribute to a single project that is complementary to their core area of interest or in multiple smaller projects, spanning multiple labs. Under exceptional circumstances (e.g. infrastructure needs or population opportunities), students may request to conduct the practicum at an external site. This course is required for all MA students in the Psychological Science Field. Pass/Fail. 1 Credit

PS8203 Psychological Science Seminar I

This course provides exposure to the broad scope of research in one area of Psychological Science, focusing on contemporary issues and recent research. The content will alternate between major themes within Psychological Science (e.g., Social Psychology; Brain, Perception, and Cognition), with specific topics varying with each offering of the course. This course is required for all MA students in Psychological Science. 1 Credit

PS8301 Psychopathology

An overview of issues related to diagnostic features, epidemiology, developmental factors, etiology, and descriptive psychopathology for a wide range of psychological disorders, including anxiety disorders, obsessive-compulsive and related disorders, posttraumatic stress disorder, depressive disorders, bipolar disorders, personality disorders, substance-related disorders, and others. This course is required of all first-year master's students in clinical psychology. 1 Credit

PS8303 Systems of Psychotherapy

An overview of theory and research related to psychotherapy and behaviour change. Includes a review of the major schools of psychotherapy, including cognitive and behavioural therapies, interpersonal psychotherapy, psychodynamic psychotherapy, experiential and humanistic psychotherapies, couples and family therapies, and group therapy. In addition, non-specific aspects of psychotherapy will be discussed, including the therapeutic relationship, client factors, and therapist factors that contribute to outcome. 1 Credit

PS8304 Treatment of Psychological Disorders

An overview of theory and practice of evidence-based, psychological and biological treatments for a wide range of psychological disorders, including anxiety disorders, mood disorders, somatoform disorders, psychotic disorders, eating disorders, personality disorders, sexual and gender identity disorders, substance use disorders, cognitive disorders, and others. This course is required of all second-year graduate students in clinical psychology. 1 Credit

PS8306 Practicum in Clinical Psychology I

Practicum training in clinical assessment, psychological testing, and psychological intervention under the close supervision of one or more registered clinical psychologists in a community setting. This course is required of all graduate students in the clinical psychology MA program. The minimum duration is 350 hours. Students are encouraged to apply for practicum placements during their first year from an approved list of supervisors and sites. Prerequisites: Completion of Introduction to Psychological Assessment and Systems of Psychotherapy. Pass/Fail. 1 Credit

PS8309 Psychological Assessment I

This course explores the theory and practice of cognitive and personality assessment for both adults and children, with an emphasis on evidence-based measures. Instruction in cognitive assessment will include exposure to both intellectual assessment methods and neuropsychological measures. Personality assessment training will include exposure to objective and projective methods. Issues related to ethics in assessment are also covered. This course is required of all first-year graduate students in clinical psychology. 1 Credit

PS8310 Psychological Assessment II

This course expands upon issues covered in Psychological Assessment I, and includes discussion of topics such as clinical interviewing, evidence-based diagnostic assessment, and behavioral assessment. Prerequisites: PS8301 Psychopathology; PS 8309 Psychological Assessment I. This course is required of all MA students in clinical psychology. 1 Credit

PS8312 Culturally-Informed Clinical Practice

This course focuses on the development of foundational skills in psychotherapy within a culturally-informed framework. Students will learn about different forms of diversity, intersecting identities, and oppression, and explore how privilege, beliefs, attitudes, behaviours, worldviews, and biases can impact therapeutic relationships and dynamics. Essential skills will be taught using readings and experiential exercises. This course is required of all MA Clinical Psychology students. 1 Credit.

PS8501 Special Topics in Cognition

This course will be offered from time to time, with the specific topic varying from year to year depending on the instructor and student interests (e.g., eye-witness memory, cognitive aging, thinking and reasoning, etc.). 1 Credit

PS8502 Special Topics in Developmental Psych.

This course will be offered from time to time, with the specific topic varying from year to year depending on the instructor and student interests (e.g., perceptual-motor development; theory of mind; youth at risk; life-span development, etc.). 1 Credit

PS8503 Special Topics in Health Psychology

This course will be offered from time to time, with the specific topic varying from year to year depending on the instructor and student interests (e.g., psychology and cancer; nutrition and body image; psychology and HIV; psychology of pain, etc.). 1 Credit

PS8504 Special Topics in Social Psychology

This course will be offered from time to time, with the specific topic varying from year to year depending on the instructor and student interests (e.g., forensic psychology; social comparison; psychology of persuasion, etc.). 1 Credit

PS8506 Perceptual and Cognitive Ergonomics

An overview of research in the emerging field of cognitive ergonomics. Includes a survey of successful cognitive ergonomic interventions and research methods for assessing the fit between human perceptual-cognitive abilities and the demands of a machine, task, or environment. 1 Credit

PS8507 Cognitive Neuroscience

This course provides an overview of the neural mechanisms underlying cognition. It will include 1) a brief review of neuroanatomy, 2) an introduction to current brain-based techniques (e.g., MRI, EEG, lesion studies), and 3) a critical review of findings and theories on the relations between the brain, cognition, and behaviour in current cognitive neuroscience literature, with emphasis on topics such as perception, executive control, attention, memory, and decision making. 1 Credit.

PS8508 Critical Perspectives in Psychology

The focus is on critically evaluating the ways in which psychology as a discipline not only discovers but also shapes and produces knowledge about human behaviour, cognition and emotion. Critical psychologists are centrally interested in the socio-political implications and applications of psychological theory and practice. Drawing on a variety of conceptual frameworks, including feminist theory, post-structuralism, cultural studies, and contemporary psychoanalysis, this course will provide an overview of the wide range of epistemological, methodological and empirical innovations in the study of behaviour and experience. 1 Credit

PS8509 Culture and Identity

This course serves as an introduction to the interrelated concepts of culture and identity. Topics discussed may include race, ethnicity, immigration, indigenous heritage, power, gender, sexual orientation, and disability, and their influence on several domains, including psychological processes and health. The course is also intended to facilitate students' professional work with diverse populations. 1 Credit

PS8510 Early Development

This course examines primary research from the period of prenatal development to early childhood and adolescence. The core content and themes, drawn from both basic developmental science and clinical psychology, will vary with each offering of the course to reflect contemporary issues in the field encompassing such topics as: basic processes such as perceptual-motor intelligence; caregiver-infant relationships; language acquisition and literacy; social-cognition and the social-cultural context of early development. The course will focus strongly on the diverse research methods associated with working with infants, children, and parents. 1 Credit

PS8511 Gender and Health

An overview of the relationship between biological, psychological, and socio-cultural determinants of health and illness, including health behaviours, the health care system, and health policy formation. Gender will be examined as both a biological (e.g., hormonal) and socio-cultural variable in relation to a range of specific topics, including: stress, psychoimmunology, cardiovascular disease, cancer, pain, and disability. 1 Credit

PS8512 Learning, Plasticity, and Memory

A survey of various aspects regarding the acquisition, retention, and retrieval of memories. Critical discussions will cover principles and mechanisms of learning, cognitive and neural organization of memory, memory processes, and forms of cognitive and neural plasticity. These domains will be extended to applied areas including mnemonic techniques (e.g., strategies, rehabilitation), disorders of memory (e.g., amnesia), lifespan issues (e.g., development, aging), and the malleability and reconstructive processes of learning and memory (e.g., false memories). 1 Credit

PS8513 Multivariate Statistical Analysis

An introduction to multivariate statistical methods in psychology. Techniques covered include multivariate analysis of variance, multiple regression, factor analysis, cluster analysis, discriminant function analysis, hierarchical modeling, structural equation modeling, and canonical correlation. Prerequisites: Statistics and Research Design I and II. 1 Credit

PS8515 Psychology of Aging

This course will provide students with a theoretical and empirical research framework for understanding the psychology of aging. The topics will include a broad range of age-related changes in sensory, perceptual, cognitive, personality, and social cognitive processes, as well as social and cultural aspects of aging. Factors such as brain changes, health, and lifestyle issues will be discussed in terms of how they may influence the observed age-related differences in behaviours and attitudes. 1 Credit

PS8516 Psychology and Law

In-depth discussion of the theoretical and practicum issues related to the intersection between psychology and the law. The challenges inherent in combining psychology's empirical approach with the legal system's focus on case-rulings and procedure will be explored through discussions of some key areas of psycho-legal research. Such topics may include the role of the jury, expert and ethical issues, risk assessment, fitness to stand trial, criminal investigation techniques, and the role of memory in the legal realm. 1 Credit

PS8517 Psychometric Theory and Research

This course focuses on measurement theory, scale construction, item response theory, and the interpretation of related issues. Topics covered include psychometric scaling methods, exploratory and confirmatory factor analysis, reliability analysis, test interpretation, measurement of change, and issues pertaining to the analysis of quantitative experimental and nonexperimental data. 1 Credit

PS8518 Research Design in Child Development

Focuses on the unique conceptual, design, and analytic challenges that face researchers working with young children. Specific topics may include the design and meaning of habituation and "looking time" studies with infants, the use of observational techniques with young children, and the pragmatic issues surrounding interviewing and questioning children. For each topic, discussion will begin with research that demonstrates why children must be treated differently from adults in research studies (e.g. how children's understanding of the pragmatics of language differs from adults') and then go on to address how researchers

might compensate for those differences. Methodologies designed specifically to gather developmental data, such as longitudinal designs, will also be given emphasis. 1 Credit

PS8519 Social Cognition

This course reviews theory and research relating to ways in which people process social information and make sense of their social world. Topics will include judgment under uncertainty, social attribution, stereotypes and prejudices, interpersonal attraction, social comparison, categories and schemas, the relationship between motivation and cognition, and methods for studying social cognition. 1 Credit

PS8520 Socio-Cognitive Development

Discussion of theories and issues in the social and cognitive development of children, particularly those concerning the interplay between social and cognitive development (so-called socio-cognitive development). Broadly construed, socio-cognitive development describes how children's developing cognitive abilities allow them to better understand their social world (e.g. how children come to understand, predict, and explain the behaviour of other people) and how children's social world influences their cognitive development (e.g. how children imitate and learn from others' testimony). 1 Credit

PS8521 Community Psychology

This course provides a critical survey of community psychology and the relationship between the social environment and psychological wellbeing. General themes include ecological analysis, stress, community mental health, program development/evaluation, and community supports for individuals with a range of social problems, including homelessness, substance abuse, involvement in the criminal justice system, social marginalization, and health disparities between social groups. Emphasis will be on social problems and how community-academic partnerships can foster change. 1 credit

PS8522 Directed Readings in Psychological Science

This course involves meetings between a student and a faculty member to discuss readings related to a topic of mutual interest. 1 Credit

PS 8523 Prejudice and Discrimination

This course examines origins of prejudice, the impact of discrimination and stigma, and intergroup relations from a social psychological perspective. The role of political and sociocultural factors in shaping psychological processes are considered. Topics may include: psychological, motivational, and cultural sources of prejudice; contemporary manifestations of bias and discrimination; experiences of targets; and approaches to prejudice/bias reduction and group equality and inclusion. 1 Credit.

PS8524 Perception and Action

This course will cover core issues in visual, auditory, and multimodal perception. Research that considers perceptually guided action will also be considered. 1 Credit

PS8525 Practicum in Teaching

Students in this course will receive closely supervised, pedagogical training in planning, preparing and delivering an undergraduate course in psychology. Training will include strategies for evaluating student progress as well. Students will have the opportunity to have their teaching observed and videotaped and to receive feedback from the instructor and the other students in the practicum. This course is normally taken during the second, third, or fourth year of graduate study. Pass/Fail. 1 Credit.

PS8526 Special Topics in Perception

This course will be offered from time to time, with the specific topic varying from year to year depending on the instructor and student interests (e.g., music perception and cognition, clinical perception and perceptual disabilities, perceptual and cognitive aging). 1 Credit

PS8527 Computational Methods in Psychology

This course introduces students to computational methods in use within perceptual, cognitive and brain sciences. Topics include signal processing, stimulus control, psychophysiology (GSR, EMG, HR, RR, EEG/ERP), data filtering, and data reduction. Each topic will be introduced using examples from the literature and will be explored using a combination of theory and application. The course is designed to be of use for students with or without prior programming experience. 1 Credit

PS 8528 Systematic Meta-Analytic Reviews

Empirical evidence in psychology and related disciplines is burgeoning at a rate that threatens our ability to assimilate it. For this reason, there is a growing emphasis on literature syntheses that integrate available information comprehensively, critically, and without bias. In this course, students will learn two such methods, systematic review and meta-analysis. Students will learn to identify, appraise, and synthesize research evidence both qualitatively and quantitatively. Prerequisite: PS8101 and PS8102. 1 Credit

PS8529 Qualitative Research Methods

Qualitative research emphasizes the complexity and diversity inherent to psychology, and permits rigorous investigations that preserve the contexts within which cognitions, emotions, and behaviours occur. The goal of this course is to examine epistemologies, approaches, and techniques of qualitative inquiry used in the study of psychological phenomena. The course will blend lecture and experiential learning in areas of data collection methods, approaches to data organization, analysis, interpretation, and presentation of research findings. 1 Credit

PS8530 Psychology of Body Image

This graduate seminar covers current theories, research and controversies in the area of body image. Topics include theoretical conceptualizations of body image, familial influences, and individual differences (including gender, personality, race/ ethnicity and culture). Body image in psychiatric and medical contexts are considered, as are the effects of modifications to the body (diet, exercise, surgery). The course also includes a critical appraisal of treatment and prevention of body image problems. 1 Credit.

PS8531 Anatomy of the Human Brain

This course involves an in-depth review of human brain anatomy in the context of Psychology. In addition to terminology and topography of brain structures, emphasis is placed on anatomical relations among functional systems in an anatomical framework. Content ranges across microscopic and macroscopic levels, as reviewed through readings, lectures, and interactive media. Review of current evidence and methodologies will also include discussions regarding neurodevelopment, neuroevolution, neurodegeneration, neuroplasticity, and neuroimaging, neurological, and neuropsychological techniques. 1 Credit

PS8532 Cognitive Aging

This course provides a comprehensive survey of cognitive aging research, with a major focus on cross-sectional and longitudinal studies of healthy aging and a minor focus on pathological aging. Specific topics include: life-span theory; research methods in cognitive aging; the aging brain; mild cognitive impairment and dementia; genetics; major cognitive domains (perception, attention and executive function, memory, decision making); affective influences on cognition; education, plasticity, and brain reserve; cognitive effects of lifestyle and exercise. 1 Credit.

PS8533 Program Evaluation

The course will provide knowledge and practice in the current methods for evaluating programs and services. Topics include: logic models; ethical issues; measurement of processes and outcomes; instrument development and selection; budgeting; data collection; analysis; and reporting and dissemination. Students will gain hands-on skills in needs assessment, process evaluation and outcome evaluation through service learning projects conducted in collaboration with local community organizations. 1 Credit

PS8534 Special Topics in Biopsych

This course will be offered from time to time with the specific topics varying from year to year depending on the instructor and student interests (e.g., stress and biopsychology, sexual and reproductive behaviour, neuroscience, psychoendocrinology, etc.) 1 Credit

PS8535 Sleep

The purpose of this course is to provide students with the behavioural perspectives on sleep. Topics will include: 1) healthy sleep across the life cycle, 2) sleep deprivation under human and animal models, 3) understanding sleep-wake mechanisms via basic research, 4) sleep physiology, 5) chronobiology, and 6) pathological sleep. The course will emphasize theoretical and therapeutic perspectives with empirical support. 1 Credit

PS8536 Special Topics in Sexuality

This course will be offered from time to time with the specific topics varying from year to year depending on the instructor and student interests (e.g., critical perspectives on sexuality research; sexual disorders and functioning.) 1 Credit

PS8537 Special Topics in Psychological Methods

This course focuses on methods used in the collection, analysis and interpretation of data in psychology. Specific topics will vary from year to year, according to faculty and student interests (e.g., structural equation modelling; latent structure analyses, psychophysiological methods). 1 Credit

PS8538 Industrial Organizational Psychology

This course provides the student with knowledge of the core areas of industrial/organizational psychology. Students will gain knowledge of personality/individual differences and how employees change, adjust, and develop across the lifespan and their career. They will also learn about assessments for selection, promotion, and training of personnel. From an organizational perspective, they will gain knowledge on organizational behaviour, the development of interventions, and change management. 1 Credit

PS8701 Special Topics in Clinical Psychology

This course will be offered from time to time, with the specific topic varying from year to year depending on the instructor and student interests (e.g., psychotic disorders; personality assessment; interpersonal psychotherapy, etc.). 1 Credit

PS8703 Anxiety Disorders

This course introduces students to issues related to psychopathology, assessment, and treatment of anxiety disorders. Examples of covered topics include epidemiology, theoretical perspectives, etiology, biological factors, psychological factors, and evidence-based treatments. 1 Credit

PS8704 Developmental Psychopathology

This course will explore social, emotional, and behavioural disorders in children and adolescents, and processes that contribute to their onset, maintenance, and developmental outcomes. Common disorders will be critically explored, with attention to current developmental theory, research, and methodology. Students will consider applications to assessment and intervention selection, as well as research design. 1 Credit.

PS8705 Clinical Neuropsychology

This course is an overview of current knowledge relevant to clinical neuropsychology and the fundamental principles of neuropsychological assessment. From a single-case study design approach, information from a variety of sources, such as observable signs, interviewing, histories and neuropsychological tests will be used to detect and evaluate cerebral dysfunction. Focus will be on the nature of different types of disorders, the symptoms that emerge from brain damage and procedures used to assess these symptoms. Prerequisites: Introduction to Psychological Assessment. 1 Credit

PS8706 Clinical Psychopharmacology

This course focuses on current practices regarding pharmacotherapy for forms of psychopathology. Following a review of essential principles of psychopharmacology, the clinical application of major classes of drugs to treat mental illness will be covered (e.g., anxiolytics, antipsychotics, antidepressants, etc.). The mechanisms of action and scientific evidence, along with historical and philosophical backgrounds, supporting the use of these drugs will be discussed. The course will also touch on aspects of drug interactions, child/adolescent treatment, and appreciation of the broader role neurochemistry plays in daily thought and behaviour. 1 Credit

PS8707 Cognition and Psychopathology

An overview of issues and findings related to cognitive abilities associated with major forms of mental illness. Four broad areas will be discussed: 1) theory, approach, and main findings regarding use of neuropsychological and cognitive-science paradigms in studying psychological disorders; 2) issues and solutions regarding identification of differential cognitive deficits in psychopathology; 3) the interplay of cognition with psychological symptoms and daily functioning; 4) longitudinal factors (premorbid risk, profiles across time). 1 Credit

PS8708 Eating Disorders

An overview of eating disorders including anorexia nervosa, bulimia nervosa, and eating disorders not otherwise specified. Topics to be covered include: biological bases of disordered eating; historical trends in the prevalence of eating pathology; cognitive disturbances associated with eating disorders; and causes, correlates, and outcomes of eating pathology as well as the complexity and controversy surrounding these conceptualizations. 1 Credit

PS8709 Directed Readings: Clinical Psychology

This course involves meetings between a student and a faculty member to discuss readings related to a topic of mutual interest. 1 Credit

PS8710 Couple and Family Therapy

Students in this course will be introduced to various theories and associated interventions designed to improve couple and family functioning, with particular emphasis placed on evidence-based theory and treatment. Specific clinical issues, including sexual problems, intimate aggression and infidelity, as well as treatment of individual psychopathology in a couple/family context will be explored. Individual development, race/ethnicity, sexual diversity, and other individual differences in case conceptualization and treatment provision will be considered throughout. 1 Credit

PS8711 Child and Adolescent Intervention

Students will be introduced to intervention approaches for working with children and adolescents. Clinical assessment, case conceptualization, and a range of psychotherapeutic approaches for common psychological disorders will be discussed. An emphasis will be placed on evidence-based approaches, working with individuals, parents and systems, as well as developmental considerations, diversity, and other individual differences. 1 Credit

PS8712 Mood Disorders

Students in this course will be introduced to evidence-based theories and interventions for mood disorders. Of particular interest will be demographic issues in mood disorders, such as sex, culture/ethnicity and age, as well as differences associated with diverse treatment settings, such as primary care and specialized mental health settings. The role of mood in women's health (e.g., premenstrual dysphoria, menopause, pregnancy, postnatal depression) will also be discussed. 1 Credit

PS8713 Psychology of Addictive Disorders

This course provides an overview of the dominant theories and research regarding the construct, etiology, and development of substance and behavioral addictive disorders as well as their mental health comorbidities. The course will examine both the history and sociocultural context (i.e., stigma, health disparities) of addictive disorders from a critical perspective. Evidence-based assessments and treatments will be discussed. 1 Credit

PS8714 Multilevel Modelling

This course provides the theory and application of hierarchical or multilevel models for clustered data. Topics include data structures, nested or clustered data, fixed and random effects, centering strategies, and longitudinal applications. Students will gain experience conducting the analyses using statistical software. Prerequisites: Statistics and Research Design I and II. 1 Credit

PS8715 Structural Equation Modelling

This course provides the theory and application of structural equation models. Topics include path analysis, exploratory and confirmatory factor analysis, the foundations of psychometric theory, and advanced latent variable modelling. Students will gain experience conducting the analyses using statistical software. Prerequisites: Statistics and Research Design I and II. 1 Credit

PS9101 History of Psychology

An exploration of history of psychology topics, with emphasis on historical perspectives on contemporary topics and links between psychological science and science-based practices of psychology. Students will be exposed to original sources and contemporary critical scholarship that elucidates the temporal and culturally embedded contingencies that shaped the various fields of psychology. The primary objective of this course is to teach students how to use history to critically assess what psychologists do and the knowledge they generate. 1 Credit

PS9201 Professional Issues and Ethics in Psychological Science

An overview of topics related to professional development, including finding a job or post-doctoral fellowship, acquiring grants, research ethics, professional affiliations, and managing a research program. Advantages and disadvantages of career opportunities in both academia and industry will be explored. This course is required for all doctoral students in the psychology science field. 1 Credit

PS9202 Practicum in Psychological Science II

This internal or external practicum is designed to provide students with additional breadth in research methods. Students lead a research project that is complementary to their core research area. Students are encouraged to consider the societal relevance of the project and connections to their main line of research. Prerequisite: PS8202, PS8101, PS8102, PS8201. Pass/Fail. 1 Credit

PS9204 Psychological Science Seminar II

This PhD level course provides additional exposure to research in one area of Psychological Science, focusing on contemporary issues and recent research. The content will alternate between major themes within Psychological Science (e.g., Social Psychology;

Brain, Perception, and Cognition), with specific topics varying with each offering of the course. This course is required for all PhD students in Psychological Science. 1 Credit

PS9203 Practicum in Psychological Science III

This advanced internal or external practicum is designed to provide students with additional breadth in applied methods. Students are encouraged to consider the societal relevance of their chosen project and connections to their main line of research. Prerequisites: Completion of Practicum in Psychological Science II. Pass/Fail. 1 Credit

PS9301 Ethical and Prof Issues in Clinical Psych

This course covers ethical and legal issues in clinical psychology research, teaching, assessment, and treatment, with an emphasis on the Canadian Code of Ethics for Psychologists and the College of Psychologists of Ontario Standards and Guidelines of professional conduct. Ethical issues related to cultural, racial, and gender diversity in the practice of psychology are also discussed. Required for all doctoral students in the clinical psychology field. 1 Credit

PS9303 Practicum in Clinical Psychology II

Practicum training in clinical assessment and intervention under the close supervision of one or more registered clinical psychologists in a community setting. This course is required of all graduate students in the clinical psychology Ph.D. program. The minimum duration is 350 hours. Students are encouraged to apply for practicum placements from an approved list of supervisors and sites. Prerequisites: Completion of Practicum in Clinical Psychology I. Pass/Fail. 1 Credit

PS9304 Practicum in Clinical Psychology III

Advanced practicum training in clinical assessment and intervention under the close supervision of one or more registered clinical psychologists in a community setting. This course is required of all graduate students in the clinical psychology Ph.D. program. The minimum duration is 350 hours. Prerequisites: Completion of Practicum in Clinical Psychology II. Pass/Fail. 1 Credit

PS9305 Practicum in Clinical Psychology IV

Advanced practicum training in clinical assessment and intervention under the close supervision of one or more registered clinical psychologists in a community setting. The minimum duration for this elective practicum course is 120 hours. Prerequisites: Completion of Practicum in Clinical Psychology III and approval of the Director of Clinical Training. Pass/Fail. 1 Credit

PS9306 Cognitive and Behavioural Therapy

An in-depth course on theory and practice of cognitive and behavioural therapies. Topics covered include exposure-based treatments, cognitive strategies, relaxation-based strategies, mindfulness and acceptance-based strategies, and techniques for enhancing motivation. Prerequisite: Completion of either Systems of Psychotherapy or Treatment of Psychological Disorders. Formerly PS8305. 1 Credit

PS9307 Supervision, Consultation, & Evaluation

This course provides an introduction to supervision, consultation, and program evaluation. Models of supervision and best practices in supervision will be discussed as they relate to clinical and research settings. Consultation will be covered in the context of healthcare, research, industry, and related areas. Finally, students will learn about frameworks and strategies for program evaluation. 1 Credit

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