

2008-2009 Graduate Calendar

The information published in this Graduate Calendar outlines the rules, regulations, curricula, programs and fees for the 2008-2009 academic years, including the Summer Semester 2008, the Fall Semester 2008 and the Winter Semester 2009.

For your convenience the Graduate Calendar is available in PDF format.

If you wish to link to the Graduate Calendar please refer to the [Linking Guidelines](#).

The University is a full member of:

- The Association of Universities and Colleges of Canada

Contact Information:

University of Guelph
Guelph, Ontario, Canada
N1G 2W1
519-824-4120

The logo for the University of Guelph, featuring the text "UNIVERSITY of GUELPH" in a stylized font.The tagline "CHANGING LIVES IMPROVING LIFE" in a bold, sans-serif font, set against a yellow background.

Revision Information:	
June 3, 2008	Initial Publication
October 8, 2008	Revision
December 16, 2008	Revision
February 4, 2009	Revision
February 18, 2009	Revision

Disclaimer

The Office of Graduate Program Services has attempted to ensure the accuracy of this on-line Graduate Calendar. However, the publication of information in this document does not bind the university to the provision of courses, programs, schedules of studies, fees, or facilities as listed herein.

Limitations

The University of Guelph reserves the right to change without notice any information contained in this calendar, including any rule or regulation pertaining to the standards for admission to, the requirements for the continuation of study in, and the requirements for the granting of degrees or diplomas in any or all of its programs.

The university will not be liable for any interruption in, or cancellation of, any academic activities as set forth in this calendar and related information where such interruption is caused by fire, strike, lock-out, inability to procure materials or trades, restrictive laws or governmental regulations, actions taken by the faculty, staff or students of the university or by others, civil unrest or disobedience, or any other cause of any kind beyond the reasonable control of the university.

The University of Guelph reaffirms section 1 of the Ontario Human Rights Code, 1981, which prohibits discrimination on the grounds of race, ancestry, place of origin, colour, ethnic origin, citizenship, creed, sex, sexual orientation, handicap, age, marital status or family status.

The university encourages applications from women, aboriginal peoples, visible minorities, persons with disabilities, and members of other under-represented groups.

Introduction

Collection, Use and Disclosure of Personal Information

Personal information is collected under the authority of the University of Guelph Act (1964), and in accordance with Ontario's Freedom of Information and Protection of Privacy Act (FIPPA) http://www.e-laws.gov.on.ca/DBLaws/Statutes/English/90f31_e.htm. This information is used by University officials in order to carry out their authorized academic and administrative responsibilities and also to establish a relationship for alumni and development purposes. Certain personal information is disclosed to external agencies, including the Ontario Universities Application Centre, the Ministry of Training, Colleges and Universities, and Statistics Canada, for statistical and planning purposes, and is disclosed to other individuals or organizations in accordance with the Office of Registrarial Services Departmental Policy on the Release of Student Information. For details on the use and disclosure of this information call the Office of Registrarial Services at the University at (519) 824-4120 or see <http://www.uoguelph.ca/registrar/registrar/index.cfm?index>.

Statistics Canada - Notification of Disclosure

For further information, please see Statistics Canada's web site at <http://www.statcan.ca> and Section XIV Statistics Canada.

Address for University Communication

Depending on the nature and timing of the communication, the University may use one of these addresses to communicate with students. Students are, therefore, responsible for checking all of the following on a regular basis:

Email Address

The University issued email address is considered an official means of communication with the student and will be used for correspondence from the University. Students are responsible for monitoring their University-issued email account regularly.

Home Address

Students are responsible for maintaining a current mailing address with the University. Address changes can be made, in writing, through Graduate Program Services.

Name Changes

The University of Guelph is committed to the integrity of its student records, therefore, each student is required to provide either on application for admission or on personal data forms required for registration, his/her complete, legal name. Any requests to change a name, by means of alteration, deletion, substitution or addition, must be accompanied by appropriate supporting documentation.

Student Confidentiality and Release of Student Information Policy Excerpt

The University undertakes to protect the privacy of each student and the confidentiality of his or her record. To this end the University shall refuse to disclose personal information to any person other than the individual to whom the information relates where disclosure would constitute an unjustified invasion of the personal privacy of that person or of any other individual. All members of the University community must respect the confidential nature of the student information which they acquire in the course of their work.

Complete policy at <http://www.uoguelph.ca/policies>.

Table of Contents

Psychology	140
Neuroscience and Applied Cognitive Science	140
Applied Social Psychology	140
Clinical Psychology: Applied Developmental Emphasis	140
Industrial/Organizational Psychology	141
General Admission and Program Requirements	141
Courses	142

Psychology

The Department of Psychology offers two graduate programs. The first is a Master of Arts (MA) in four areas of study: Applied Social Psychology, Clinical Psychology: Applied Developmental Emphasis, Industrial/Organizational Psychology, and Neuroscience & Applied Cognitive Science. The second program is a Doctor of Philosophy (PhD) in the same four areas of study. These areas of study, which are described below, provide training in both research and professional skills, as well as a firm grounding in theory and research in relevant content areas. See the department website at <http://www.psychology.uoguelph.ca> for additional information.

Administrative Staff

Chair

Harvey Marmurek (4013 MacKinnon, Ext. 53673)
marmurek@psy.uoguelph.ca

Graduate Co-ordinator

Ian Newby-Clark (3006 MacKinnon, Ext. 53517)
newby-clark@psy.uoguelph.ca

Graduate Secretary

Robin Fraser (4014 MacKinnon, Ext. 53508)
rfraser@psy.uoguelph.ca

Graduate Faculty

Heidi N. Bailey

BA British Columbia, PhD Western - Assistant Professor

Paula Barata

BA British Columbia, MA, PhD Windsor - Assistant Professor

Marcia A. Barnes

MA, PhD McMaster - Professor, University Research Chair

Roderick W. Barron

BA Occidental, MA, PhD Ohio State - Professor

Elena Choleris

BSc, PhD Parma (Italy) - Associate Professor

Donald Dedrick

BA, MA Carleton, PhD Toronto - Associate Professor, (cross-appointed with Department of Philosophy)

Serge Desmarais

BA, MA, PhD Waterloo - Professor, Canada Research Chair, Associate Vice-President (Academic)

Mary Ann Evans

BA Toronto, MA, PhD Waterloo - Professor

Mark J. Fenske

BSc Lethbridge, MA, PhD Waterloo - Assistant Professor

Harjinder Gill

BA Waterloo, MA, PhD Western Ontario - Assistant Professor

Benjamin H. Gottlieb

AB, MSW, PhD Michigan - Professor

Michael P. Grand

BA Toronto, PhD SUNY at Stony Brook - Professor

Peter A. Hausdorf

BSc McMaster, MA Guelph, PhD McMaster - Associate Professor

Karl H. Hennig

BEd, MA, PhD British Columbia - Assistant Professor

Thomas F. Herrmann

BS SUNY at Brockport, PhD Tennessee - Professor

Francesco Leri

BA, MA, PhD McGill - Associate Professor

Stephen Lewis

BSc, PhD Dalhousie - Assistant Professor

Ian R. Lubek

BA Toronto, PhD SUNY at Stony Brook - Professor

Margaret N. Lumley

BA Waterloo, MA, PhD Queen's - Assistant Professor

Harvey H.C. Marmurek

BA Toronto, MA, PhD Ohio State - Professor and Chair

Michael L. Matthews

BA, PhD Nottingham - Professor

Daniel V. Meegan

BA SUNY at Albany, PhD McMaster - Associate Professor

Barbara A. Morrongiello

BA Douglass College (Rutgers), MS, PhD Massachusetts - Professor

Ian R. Newby-Clark

BSc Toronto, PhD Waterloo - Associate Professor and Graduate Coordinator

Linda A. Parker

BA, MA California State, PhD Memorial - Professor, Canada Research Chair

Michael H. Peters

BSc Alberta, MSc Calgary, PhD Western Ontario - Professor

Deborah Powell

BA Queen's, MA, PhD Western - Assistant Professor

Saba F. Safdar

BA McMaster, MA, PhD York - Assistant Professor

Leanne S.M. Son Hing

BA Queen's, MA, PhD Waterloo - Associate Professor

David Stanley

BA Waterloo, MA, PhD Western Ontario - Assistant Professor

Lana M. Trick

BSc Calgary, MA, PhD Western Ontario - Associate Professor

Andrew S. Winston

BA Northwestern, MA, PhD Illinois - Professor

Boyer D. Winters

BA Dalhousie, PhD Cambridge - Assistant Professor

Linda A. Wood

BA Toronto, MA Michigan, PhD York - Professor

Neuroscience and Applied Cognitive Science

<http://www.uoguelph.ca/nacs>

The Masters and PhD programs in Neuroscience and Applied Cognitive Science provides training for students interested in the integrative functioning of the brain. This program encompasses: basic cognitive processes, behavioural neuroscience, cognitive ergonomics, cognitive neuroscience, developmental and life-span cognition, and foundations of cognitive science. Students in these disciplines have the opportunity to learn about the interdisciplinary work of other students, faculty and outside researchers in the weekly research seminar in Neuroscience and Applied Cognitive Science. Additionally, students take courses specific to their research. A unique feature of this area of study is the practicum that provides students with additional specific training in a research laboratory, hospital, government agency, or non-government agency.

The program involves three components.

1. Preparatory Course Work

Students will acquire knowledge and skills necessary to carry our Neuroscience and Cognitive Science research in academic and/or applied settings. At the Masters level, this will involve a course in Research Design and Statistics, a course in Research Ethics (Animal research ethics or Human research ethics), at least one elective in their specific field of research and the Research Seminar in Neuroscience and Applied Cognitive Science. PhD students take Philosophy and History of Psychology as a Science, Research Seminar in Neuroscience and Applied Cognitive Science, at least two electives and must pass a qualifying exam.

2. Practicum

One of the unique features of University of Guelph's Neuroscience and Applied Cognitive Science masters program is the practicum. Students will complete a practicum in a variety of research settings, including government agencies, hospitals, businesses, and other research laboratories. The practicum may involve learning a new technique in a laboratory other than that of the advisor. Practicum experiences will be tailored to the student's interests, and will enable student to acquire and refine skills and develop professional contacts.

3. Thesis research

Students will carry out an independent research project under the supervision of a faculty supervisor. This will involve a thesis for the Masters program and a Dissertation for the PhD.

Applied Social Psychology

Applied Social Psychology is based on the investigation of social processes and problems of significance to the general community and to specific groups, for example, in the areas of aging, health, law, equity, community services, and gender. The area of Applied Social Psychology has two primary components: first, the pursuit of advanced research, and second, the design and evaluation of interventions and programs that aim to reduce social problems and promote human welfare. The Researcher/Practitioner Course Set emphasizes field research, practicum training, and consulting in community settings. It is designed for students who wish to pursue either an academic/researcher or a practitioner career path (e.g. to work primarily in government, consulting firms, community agencies, foundations, and hospitals). The Researcher Course Set involves training in advanced methodological and analytic techniques and emphasizes involvement in the ongoing research projects of the faculty. This course set is designed for students interested in an academic/research career path.

Clinical Psychology: Applied Developmental Emphasis

The area of Clinical Psychology: Applied Developmental Emphasis concentrates on understanding the development and treatment of psychological disorders experienced by children, youth and families. This includes a focus on the social, emotional, cognitive,

and neurobiological features of normal and atypical development; risk and protective factors that influence the nature and progression of atypical development and response to treatment; and approaches to assessment, psychodiagnosis, and intervention. Also considered is the developmental impact of stressful life events such as divorce, illness, poverty, adoption, and death. Training in this field follows an integrated series of courses and practica which contributes to and mutually supports the students' acquisition of competence as both practitioners and researchers. Students participate in our on-campus clinic, the Centre for Psychological Services, and complete off campus practica in hospitals, schools and mental health settings under the supervision of registered psychologists. This training allows students to enter careers involving clinical and/or research positions in mental health centres, hospitals, schools, and the private sector, as well as careers involving teaching and research in university settings. It also prepares students for registration as psychologists with provincial licensing boards.

Industrial/Organizational Psychology

The objective of study in the area of Industrial/Organizational Psychology is to train future professionals in the area of Industrial/Organizational Psychology following the guidelines established by the Canadian Society for Industrial/Organizational Psychology. Graduate students are expected to obtain a high level of proficiency in both research skills and practice in the core areas of Industrial/Organizational Psychology including personnel selection, organizational behaviour, work attitudes, performance appraisal, and measurement of individual differences. Graduates from this field of study will be in a position to enter careers in a wide range of private and public sector organizations, including universities, consulting firms, industries, and government agencies.

General Admission and Program Requirements

To apply for admission, applicants must view "How to Apply" in the section Prospective Students... Graduate, in the Psychology Department website <http://www.psychology.uoguelph.ca>. This is a self-administered application. First, students apply online through the Ontario Universities Application Centre (OUAC) and pay an application fee. Second, they assemble the application information described in the psychology website consisting of Letter of Reference forms, all post secondary transcripts, a Departmental Questionnaire, and a copy of the online OUAC application form and forward the complete package to the Graduate Secretary, Department of Psychology, University of Guelph, Guelph, Ontario Canada N1G 2W1. Graduate Record Examination (GRE) General is required for all applicants for MA and PhD programs. Additionally, the Subject (Psychology) test scores are required of all applicants (except in the Neuroscience and Applied Cognitive Science area) for MA and PhD programs. Applicants should request that their GRE scores be sent directly to the Department of Psychology before the departmental application deadline (Dec. 15). Contact the Graduate Secretary, Department of Psychology, at psygsec@psy.uoguelph.ca for additional information.

MA Program

Admission Requirements MA Program

Consideration for admission to the MA program will be given to students with an honours BA or BSc (or its equivalent) in Psychology or a related field of study (e.g. Computer science, neuroscience) and a minimum of a 'B+' standing. Students are normally expected to have taken courses across the breadth of psychology with some courses in the area to which they are applying. A strong background in methodology and statistics is expected. As well, applicants must have undertaken an Honours thesis research project or senior research project equivalent. Students are admitted to the MA program with the understanding that they intend to proceed to the PhD program.

Degree Requirements MA Program

Neuroscience and Applied Cognitive Science

PSYC*6060 [0.50] Research Design and Statistics
PSYC*6740 [0.50] Research Seminar in Neuroscience and Applied Cognitive Science A

PSYC*6880 [0.25] Ethical Issues in Psychology
OR

UNIV*6600 [0.00] Animal Care Short Course
PSYC*6471 [0.50] Practicum I

At least one of the following electives:

PSYC*6780 [0.50] Foundations of Cognitive Science
PSYC*6790 [0.50] Memory and Cognition
PSYC*6800 [0.50] Neurobiology of Learning
PSYC*6810 [0.50] Neuropsychology
PSYC*6870 [0.50] Human Factors
and MA Thesis.

Applied Social Psychology

PSYC*6640 [0.50] Foundations of Applied Social Psychology
PSYC*6830 [0.50] Applied Social Psychology
PSYC*6590 [0.50] Social and Community Intervention
PSYC*6522 [0.50] Research Seminar II
PSYC*6840 [0.50] Program Evaluation
PSYC*6522 [0.50] Research Seminar II
PSYC*6880 [0.25] Ethical Issues in Psychology

PSYC*6060 [0.50] Research Design and Statistics
PSYC*6670 [0.50] Research Methods
PSYC*6471 [0.50] Practicum I

and one elective course to be determined in consultation with the student's MA Advisory Committee,
and MA Thesis.

Clinical Psychology: Applied Developmental Emphasis

PSYC*6060 [0.50] Research Design and Statistics
PSYC*6630 [0.50] Developmental Psychology
PSYC*6000 [0.50] Developmental Psychopathology: Etiology and Assessment
PSYC*6580 [0.50] Models of Child and Adolescent Psychotherapy
PSYC*6690 [0.50] Cognitive Assessment of Children and Adolescents
PSYC*6700 [0.50] Personality and Social Assessment of Children and Adolescents
PSYC*6010 [0.50] Learning Disorders: Research and Clinical Practice
PSYC*6471 [0.50] Practicum I
PSYC*6473 [0.25] Practicum III
PSYC*6880 [0.25] Ethical Issues in Psychology
and MA Thesis.

Industrial/Organizational Psychology

PSYC*7010 [0.50] Recruitment and Selection: Methods and Outcomes
PSYC*7030 [0.50] Work Attitudes and Behaviour
PSYC*6060 [0.50] Research Design and Statistics
PSYC*6670 [0.50] Research Methods
PSYC*7020 [0.50] Employee Performance
PSYC*7070 [0.50] Psychological Measurement
PSYC*6880 [0.25] Ethical Issues in Psychology
PSYC*6380 [0.50] Psychological Applications of Multivariate Analysis
PSYC*7040 [0.50] Social Processes in the Workplace
PSYC*6471 [0.50] Practicum I
PSYC*7160 [0.50] Employee Development: Methods and Outcomes
PSYC*7080 [0.50] Organizational Interventions
PSYC*6840 [0.50] Program Evaluation
and MA Thesis.

PhD Program

Admission Requirements PhD Program

Students must have completed MA requirements in the appropriate field of study (Neuroscience and Applied Cognitive Science; Applied Social Psychology; Clinical Psychology: Applied Developmental Emphasis; Industrial/Organizational Psychology) with a minimum 'A-' standing to be eligible for admission to the PhD program. These MA requirements are normally met within the department in a two-year course of studies comprising specified course work and a thesis. Students admitted to the PhD program who have completed MA or MSc degrees in other fields of study and/or from other universities may be required to take MA level courses to ensure adequate background preparation for PhD work.

Degree Requirements PhD Program

Neuroscience and Applied Cognitive Science

PSYC*6900 [0.50] Philosophy and History of Psychology as a Science
PSYC*6760 [0.00] Research Seminar in Neuroscience and Applied Cognitive Science B

Two elective courses

The option of taking:

PSYC*6472 [1.00] Practicum II

Qualifying Examination
and PhD Thesis.

Applied Social Psychology

PSYC*6900 [0.50] Philosophy and History of Psychology as a Science
PSYC*6380 [0.50] Psychological Applications of Multivariate Analysis
PSYC*6522 [0.50] Research Seminar II
PSYC*6471 [0.50] Practicum I

One of:

PSYC*6270 [0.50] Issues in Family-Related Social Policy
1 elective to be determined in consultation with the student's PhD Advisory Committee;
Qualifying Exam;
and PhD Thesis.

Clinical Psychology: Applied Developmental Emphasis

PSYC*6670 [0.50] Research Methods
PSYC*6900 [0.50] Philosophy and History of Psychology as a Science
PSYC*6380 [0.50] Psychological Applications of Multivariate Analysis
PSYC*6472 [1.00] Practicum II
PSYC*6810 [0.50] Neuropsychology
PSYC*7070 [0.50] Psychological Measurement
PSYC*6840 [0.50] Program Evaluation

PSYC*6610	[0.50]	Advanced Child and Adolescent Psychotherapy
PSYC*6890	[0.25]	Legislation and Professional Practice
PSYC*6020	[0.50]	Clinical and Diagnostic Interviewing Skills
One of the following three courses for students without 2 senior level undergraduate courses in social psychology:		
PSYC*6590	[0.50]	Social and Community Intervention
PSYC*6640	[0.50]	Foundations of Applied Social Psychology
PSYC*6830	[0.50]	Applied Social Psychology
Qualifying Exam;		
PSYC*8000	[0.00]	Clinical Internship and PhD Thesis.

Industrial/Organizational Psychology

PSYC*7130	[0.50]	Introduction to Industrial/Organizational Psychology
PSYC*6900	[0.50]	Philosophy and History of Psychology as a Science
PSYC*7140	[0.50]	Industrial/Organizational Psychology Special Topic Doctoral Research Seminar

one elective from

PSYC*6840	[0.50]	Program Evaluation
PSYC*7080	[0.50]	Organizational Interventions
PSYC*7170	[0.50]	Industrial/Organizational Psychology Doctoral Research Internship I
PSYC*7180	[0.50]	Industrial/Organizational Psychology Doctoral Research Internship II

Qualifying Exam;
and PhD Thesis.

Courses

Restriction: All courses restricted to Psychology graduate students; all others by permission only.

Departmental Core Courses

PSYC*6060 Research Design and Statistics U [0.50]

This course covers non-parametric and parametric hypothesis testing and estimation, analysis of variance and covariance, and multiple correlation and multiple regression. Current controversial issues are presented.

PSYC*6190 Research Project U [1.00]

This course is an option for students in the applied streams of MA studies who do not plan on proceeding to a PhD program. Under the supervision of a faculty member, students will design and conduct an empirical investigation in their area of emphasis.

PSYC*6380 Psychological Applications of Multivariate Analysis U [0.50]

This course emphasizes the use of multivariate techniques in psychological research. Both predictive (e.g., regression, canonical correlation, discriminant analysis, MANOVA) and reduction (e.g., factor analysis, multidimensional scaling, cluster analysis) techniques are considered in addition to the use of both observed and latent variable structural models.

PSYC*6401 Reading Course I U [0.25]

An independent in-depth study of current theoretical and empirical issues in the student's area of specialization.

PSYC*6402 Reading Course II U [0.50]

An independent in-depth study of current theoretical and empirical issues in the student's area of specialization.

PSYC*6411 Special Problems in Psychology I U [0.25]

A critical examination of current problems relating to conceptual and methodological developments in an area of psychology.

PSYC*6412 Special Problems in Psychology II U [0.50]

A critical examination of current problems relating to conceptual and methodological developments in an area of psychology.

PSYC*6471 Practicum I U [0.50]

Students will gain 2-3 days per week of supervised experience in a setting related to their field of specialization.

PSYC*6472 Practicum II U [1.00]

See PSYC*6471. Students work four to five days a week in the selected setting.

PSYC*6473 Practicum III U [0.25]

See PSYC*6471. This course is intended for students who wish to gain additional practicum experience after completing the requirements for PSYC*6471/PSYC*6472. Students work one day a week in the selected setting.

PSYC*6521 Research Seminar I U [0.25]

An in-depth review of current theoretical and empirical developments in topic areas related to the student's area of specialization.

PSYC*6522 Research Seminar II U [0.50]

An in-depth review of current theoretical and empirical developments in topic areas related to the student's area of specialization. The course requirements may include the completion of an empirical research project.

PSYC*6670 Research Methods U [0.50]

This course emphasizes those techniques most frequently used in applied and field settings. These include: quasi-experimental designs, survey research, interviewing, questionnaire design, observational techniques, and other more qualitative methods.

PSYC*6880 Ethical Issues in Psychology U [0.25]

Relevant issues in the application of professional ethical standards to the practice of psychology, including consultation, field research, intervention, and decision-making models are discussed in this half course. Depending on the particular faculty and students involved, discussion emphasizes specific applications to either I/O or applied developmental/social psychology.

PSYC*6890 Legislation and Professional Practice U [0.25]

This companion course to PSYC*6880, Ethics in Psychology, provides an introduction to the Provincial and Federal legislation governing the practice of psychology. Students will become familiar with legislation relevant to professional practice with children and adults in hospital, educational, community, and other settings.

Co-requisite(s): PSYC*6880

PSYC*6900 Philosophy and History of Psychology as a Science U [0.50]

This doctoral course examines the philosophical and metatheoretical issues involved in the scientific analysis of human experience. Both the historical context of these issues and the status of current metatheoretical debates are covered.

PSYC*7070 Psychological Measurement U [0.50]

Concepts and applications of classical measurement theory, especially reliability and validity of tests and measurements used in applied psychology. Principles of test construction, standardization, norming, administration, and interpretation are discussed, as well as integration of test information and its use in decision making.

Restriction(s): Instructor's signature required

Neuroscience and Applied Cognitive Science

PSYC*6740 Research Seminar in Neuroscience and Applied Cognitive Science A U [0.50]

This course will expose graduate students to some of the major theories, issues and methodologies driving research in the broad field of Neuroscience and Applied Cognitive Science. Students will learn to critically evaluate presentations by researchers as well as to communicate the results of their own research, in both a written and oral format. All first year master's students in NACS are required to enroll in this course.

PSYC*6750 Applications of Cognitive Science W [0.50]

This course surveys applications of cognitive science to the problem of optimizing human performance. Topics of discussion will include human-system interactions (including Human-Computer and Human-Vehicle), education, and cognitive rehabilitation.

PSYC*6760 Research Seminar in Neuroscience and Applied Cognitive Science B U [0.00]

This course will expose graduate students to some of the major theories, issues and methodologies driving research broad field of Neuroscience and Applied Cognitive Science. Students will learn to critically evaluate presentations by researchers in this field as well as to communicate the results of their own research, in both a written and oral format. All second year master's and doctoral students in NACS are required to enroll in this course each year of their graduate program.

PSYC*6770 Modelling Mental Processes W [0.50]

This is a course in the nature of models of cognitive phenomena, with emphasis on the evaluation of computational and connectionist models for perception, memory, cognition, and action. It involves practical work: the construction and testing of models using software designed for that purpose.

Prerequisite(s): PSYC*6780

PSYC*6780 Foundations of Cognitive Science F [0.50]

Cognitive Science is an inter-disciplinary field that encompasses cognitive psychology, neuroscience, philosophy, and computer science. The foundational issues and basic methodologies that define cognitive science will be discussed, with specific examples from perception, learning, memory, language, decision-making, and problem solving.

Restriction(s): Restricted to Psychology graduate students; all others by permission only

PSYC*6790 Memory and Cognition U [0.50]

This course reviews the major theories, issues and methodologies guiding contemporary research in human memory and related aspects of human cognition. Topics include the encoding and retrieval of information, the nature of representations in memory, classifications of memory, and applications to reading and eyewitness testimony.

PSYC*6800 Neurobiology of Learning U [0.50]

This course reviews the major theories, issues, and methodologies guiding contemporary research in the neurobiology of learning.

PSYC*6810 Neuropsychology U [0.50]

This course focuses on current developments in neuropsychology. Particular emphasis is placed on the aphasias, apraxias, memory disorders, and disorders of movement.

PSYC*6870 Human Factors U [0.50]

This course provides an overview of contemporary theory and research in human factors/ergonomics. Topics may include visual performance, information processing, human error, decision-making, mental workload, process control and automation, attention and time sharing, human factors in specific occupational environments, monitoring and supervisory control.

Applied Social Psychology**PSYC*6270 Issues in Family-Related Social Policy U [0.50]**

This doctoral course examines historical developments and selected contemporary policy domains in Canada. Topics may include policies affecting children, families, the elderly, First Nations people, the mentally and physically disabled, and one parent families. The course also addresses the interplay between social and psychological research and policy formation, as well as the use of social policy as an instrument of social change.

PSYC*6590 Social and Community Intervention U [0.50]

A highly applied course that focuses on the epidemiology of mental disorders, the design and implementation of preventive interventions with children, youth, and adults in the community, as well as stress and coping theory and practice.

PSYC*6640 Foundations of Applied Social Psychology U [0.50]

This course examines theory and research in social psychology, particularly in those areas most relevant to applied concerns. Topics may include attribution, attitudes, social relationships, language and communication, and self and identity.

PSYC*6830 Applied Social Psychology U [0.50]

This course reviews selected theories, methods and problem areas in applied social psychology. Issues involved in the conduct and application of social research, as well as alternative paradigms for such research, are discussed.

PSYC*6840 Program Evaluation U [0.50]

This course provides an introduction to a variety of methods of social program evaluation and to the process of consultation with program staff.

Prerequisite(s): PSYC*6670 Research Methods (may also be taken concurrently).

Clinical Psychology: Applied Developmental Emphasis**PSYC*6000 Developmental Psychopathology: Etiology and Assessment U [0.50]**

The interaction of neurobiological, physiological, familial and social factors to an understanding of developmental psychopathology is the focus of this course. Emphasis is given to etiology and clinical assessment issues.

PSYC*6010 Learning Disorders: Research and Clinical Practice U [0.50]

This course examines various cognitive, social, and educational components of learning and language disorders and accompanying clinical methods of diagnosis and remediation.

PSYC*6020 Clinical and Diagnostic Interviewing Skills S [0.50]

This course provides practical training in clinical and diagnostic interviewing. Through role-play, direct observation, and in-vivo practice, students will learn how to conduct assessment and diagnostic interviews, and clinical dialogues with children and adults. This course is open only to graduate students in the CP:ADE field.

Prerequisite(s): Completion of all MA level course work except for the thesis

Restriction(s): Open only to graduate students in the Clinical Psychology: Applied Developmental Emphasis (CP:ADE) field

PSYC*6270 Issues in Family-Related Social Policy U [0.50]

This doctoral course examines historical developments and selected contemporary policy domains in Canada. Topics may include policies affecting children, families, the elderly, First Nations people, the mentally and physically disabled, and one parent families. The course also addresses the interplay between social and psychological research and policy formation, as well as the use of social policy as an instrument of social change.

PSYC*6580 Models of Child and Adolescent Psychotherapy U [0.50]

This course introduces a variety of therapeutic models for addressing problems of atypical development.

PSYC*6610 Advanced Child and Adolescent Psychotherapy U [0.50]

This course will consider newly emerging developments in child and adolescent psychotherapy. In addition, issues of power relationships, cultural sensitivity and empirical support will be addressed

Prerequisite(s): PSYC*6580 and PSYC*6472 (may be taken concurrently).

PSYC*6630 Developmental Psychology U [0.50]

This course examines issues in the areas of cognitive, social, and emotional development. Specific research topics and theoretical issues concerning the nature of development are discussed.

PSYC*6690 Cognitive Assessment of Children and Adolescents U [0.50]

This course considers standards, ethics, uses and interpretation of selected intelligence and other cognitive tests. Students administer tests, score, interpret and write reports under supervision. Restricted to applied developmental students. As a prerequisite for PSYC*6471, a passing grade and a satisfactory rating on the practical component must be achieved.

PSYC*6700 Personality and Social Assessment of Children and Adolescents U [0.50]

This course considers projectives, questionnaires, observations and interviews for assessing children's personality and behaviour. Students administer tests, score, interpret and write reports under supervision. Restricted to applied developmental students. As a prerequisite for PSYC*6471, a passing grade and a satisfactory rating on the practical component must be achieved.

PSYC*8000 Clinical Internship U [0.00]

A mark of satisfactory (SAT) in this course indicates that a student in the Clinical Psychology: Applied Developmental Emphasis (CP:ADE) field has successfully completed a full year (1800-2000 hour) internship in an accredited clinical setting (e.g., CPA or APA) approved by the Director of Clinical Training for CP:ADE.

Prerequisite(s): Completion of all course work in the CP:ADE field, the PhD qualifying examination, and the PhD Thesis proposal at the time of application, one year in advance of beginning the clinical internship.

Industrial/Organizational Psychology**PSYC*7010 Recruitment and Selection: Methods and Outcomes U [0.50]**

The course explores organizational issues in the recruitment and selection of new employees. Topics may include: individual differences, human rights, survey-based job analysis, recruitment methods and outcomes, selection methods and outcomes, hiring, decision making and employee placement/classification.

PSYC*7020 Employee Performance U [0.50]

This course focuses on issues that relate to employee performance. Individuals and organizations are interested in maximizing the contributions of employees at work. This course focuses on performance-based job analysis, criterion theory, performance management/appraisal, employee socialization, compensation, benefits, technology, and labour relations.

PSYC*7030 Work Attitudes and Behaviour U [0.50]

This course examines micro-level influences on organizational behaviour. Topics may include: organizational commitment, job satisfaction, emotions, other work attitudes and attitude change, organizational citizenship behaviours, withdrawal behaviours, employee well-being, deviance, and work-life integration.

PSYC*7040 Social Processes in the Workplace U [0.50]

This course examines social processes in the workplace. Topics may include: groups, teams, and intergroup processes; justice; diversity in the workplace; prejudice and discrimination; harassment and unethical behaviour; climate, culture change; and, organizational development.

PSYC*7050 Research Seminar in Industrial/Organizational Psychology U [0.00]

This course will expose graduate students to some of the major theories, issues, and methodologies driving research in the field of Industrial/Organizational psychology. Students will learn to critically evaluate presentations by researchers in this field, as well as to communicate the results of their own research, in both written and an oral format. All students are required to enroll in this course.

Restriction(s): Psychology students only.

PSYC*7060 Organization Development Consulting U [0.50]

An introduction to the theories and consultation techniques for improving organizational effectiveness.

PSYC*7080 Organizational Interventions U [0.50]

This course examines various modes of organizational intervention from the standpoint of both theory and practice. Areas typically covered include training and development, organizational development and change, individual coaching, and consulting skills development.

Prerequisite(s): Registration in the graduate IO psychology program and permission of the Instructor.

PSYC*7130 Introduction to Industrial/Organizational Psychology U [0.50]

This course introduces graduate students to a broad range of topics in Industrial/Organizational psychology. It emphasizes researcher-practitioner issues, consumer behaviour, professionalism, ethics, and theory building. As well, graduate students will learn about contemporary issues in I-O Psychology.

PSYC*7140 Industrial/Organizational Psychology Special Topic Doctoral Research Seminar U [0.50]

Participants investigate a specific area of Industrial/Organizational psychology. They critically review past and current research, including theory development and empirical findings. Participants work together to integrate past theory and findings, to note inconsistencies in the literature, and to identify promising areas for future investigations.

Prerequisite(s): PSYC*7130

PSYC*7160 Employee Development: Methods and Outcomes U [0.50]

This course explores development in an organization context. Employee learning and development is a key focus for employees and organizations. This course covers functional job analysis, career development, succession management, multi-source feedback, training, coaching/mentoring and employee counseling.

PSYC*7170 Industrial/Organizational Psychology Doctoral Research Internship I U [0.50]

Participants work with an Industrial Organizational faculty member to conduct research on a topic of mutual interest (other than their doctoral research). They collect and/or analyze data and write up results with the goal of producing a conference presentation and/or a quality publication manuscript.

Prerequisite(s): PSYC*7130

Co-requisite(s): PSYC*7140

Restriction(s): Instructor's signature required

PSYC*7180 Industrial/Organizational Psychology Doctoral Research Internship II U [0.50]

Participants work with an Industrial Organizational faculty member to conduct research on a topic of mutual interest (other than their doctoral research). They collect and/or analyze data and write up results with the goal of producing a conference presentation and/or a quality publication manuscript.

Prerequisite(s): PSYC*7130, PSYC*7140, PSYC*7170

Restriction(s): Instructor's signature required

PSYC*7190 Work Motivation and Leadership U [0.50]

This course examines theories, research, and application of work motivation and leadership within an organizational context. The course will include a description of classic and contemporary theories of work motivation and leadership, a critical evaluation of the research findings, and a discussion of the application of the research findings to the work environment.

Restriction(s): Psychology students only.