2020-2021 Graduate Calendar

The information published in this Graduate Calendar outlines the rules, regulations, curricula, programs and fees for the 2020-2021 academic year, including the Summer Semester 2020, Fall Semester 2020 and the Winter Semester 2021.

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:

• Universities of Canada

Contact Information:

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Revision Information:

<table>
<thead>
<tr>
<th>Date</th>
<th>Description</th>
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<tbody>
<tr>
<td>May 25, 2020</td>
<td>Initial Publication</td>
</tr>
<tr>
<td>June 3, 2020</td>
<td>Revision 1</td>
</tr>
</tbody>
</table>
Disclaimer

The information published in this Graduate Calendar outlines the rules, regulations, curricula, programs and fees for the 2020-2021 academic year, including the Summer Semester 2020, the Fall Semester 2020 and the Winter Semester 2021.

The University reserves the right to change without notice any information contained in this calendar, including but not limited to that related to tuition and other fees, standards of admission, course delivery or format, continuation of study, and the offering or requirements for the granting of, degrees or diplomas in any or all of its programs. The publication of this calendar does not bind the University to the provision of courses, programs, schedules of study, or facilities as listed herein.

The University will not be liable for any failure or delay in performance arising out of any cause or causes beyond its reasonable control. Such causes may include but are not limited to fire, strike, lock-out, inability to procure materials or trades, war, mass-casualty event, flood, local, regional or global outbreak of disease or other public health emergency, social distancing or quarantine restriction, legislative or regulatory requirements, unusually severe weather, failure of public utility or common carrier, or attacks or other malicious act, including but not limited to attacks on or through the internet, or any internet service, telecommunications provider or hosting facility.

In March 2020 the World Health Organization declared a global pandemic of the virus leading to COVID-19. The Governments of Canada, the Province of Ontario, and local Governments responded to the pandemic with legislative amendments, controls, orders, by-laws, requests and requirements (collectively, the “Governmental Response”). It is uncertain how long the pandemic, and the related Governmental Response, will continue, and it is unknown whether there may be a resurgence of the virus leading to COVID-19 or any mutation thereof (collectively, the “Virus”) and resulting or supplementary renewed Government Response. Without limiting the foregoing paragraph, the University shall not be liable for costs associated with any failure or delay in performance arising out of:

a. the continued spread of the Virus;

b. the continuation of or renewed Governmental Response to control the spread of the Virus; and

c. a University decision, made on an organization-wide basis and in good faith, to control the spread of the Virus, even if exceeding the then current specific Government Response.

In particular, the COVID-19 pandemic may necessitate a revision of the format of course offerings such that courses are offered in whole or in part on an alternate delivery model to in-person classes. Tuition and mandatory fees have been set regardless of the method of instruction and will not be refunded in the event instruction occurs remotely for any part of the academic year.

Dates or times of performance including the Schedule of Dates may be extended as appropriate and the University will notify students promptly of the existence and nature of such delay and shall, so far as practicable, use reasonable efforts to minimize and mitigate any such delay or non-performance.

In the event of a discrepancy between a print version (downloaded) and the Web version, the Web version will apply.

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.
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 Advanced Education and Skills Development, 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 [https://www.uoguelph.ca/registrar/]

Statistics Canada - Notification of Disclosure

For further information, please see Statistics Canada's web site at [http://www.statcan.gc.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 Registrarial 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, their 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 their 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 [https://www.uoguelph.ca/secretariat/office-services/university-secretariat/university-policies].
# Learning Outcomes

## Graduate Degree Learning Outcomes

On May 27, 2013, the University of Guelph Senate approved the following five University-wide Learning Outcomes as the basis from which to guide the development of graduate degree programs, specializations and courses:

1. Critical and Creative Thinking
2. Literacy
3. Global Understanding
4. Communication
5. Professional and Ethical Behaviour

These learning outcomes are also intended to serve as a framework through which our educational expectations are clear to students and the broader public; and to inform the process of outcomes assessment through the quality assurance process (regular reviews) of programs and departments.

An on-line guide to the learning outcomes, links to the associated skills, and detailed rubrics designed to support the development and assessment of additional program and discipline-specific outcomes, are available for reference on the Learning Outcomes website.

## Critical and Creative Thinking

Critical and creative thinking is a concept in which one applies logical principles, after much inquiry and analysis, to solve problems with a high degree of innovation, divergent thinking and risk taking. Those mastering this outcome show evidence of integrating knowledge and applying this knowledge across disciplinary boundaries. Depth and breadth of understanding of disciplines is essential to this outcome. At the graduate level, originality in the application of knowledge (master’s) and undertaking of research (doctoral) is expected. In addition, Critical and Creative Thinking includes, but is not limited to, the following outcomes: Independent Inquiry and Analysis; Problem Solving; Creativity; and Depth and Breadth of Understanding.

## Literacy

Literacy is the ability to extract information from a variety of resources, assess the quality and validity of the material, and use it to discover new knowledge. The comfort in using quantitative literacy also exists in this definition, as does using technology effectively and developing visual literacy. In addition, Literacy includes, but is not limited to, the following outcomes: Information Literacy, Quantitative Literacy, Technological Literacy, and Visual Literacy.

## Global Understanding

Global understanding encompasses the knowledge of cultural similarities and differences, the context (historical, geographical, political and environmental) from which these arise, and how they are manifest in modern society. Global understanding is exercised as civic engagement, intercultural competence and the ability to understand an academic discipline outside of the domestic context. In addition, Global Understanding includes, but is not limited to, the following outcomes: Global Understanding, Sense of Historical Development, Civic Knowledge and Engagement, and Intercultural Competence.

## Communication

Communication is the ability to interact effectively with a variety of individuals and groups, and convey information successfully in a variety of formats including oral and written communication. Communication also comprises attentiveness and listening, as well as reading comprehension. It includes the ability to communicate and synthesize information, arguments, and analyses accurately and reliably. In addition, Communication includes, but is not limited to, the following outcomes: Oral Communication, Written Communication, Reading Comprehension, and Integrative Communication.

## Professional and Ethical Behaviour

Professional and ethical behaviour requires the ability to accomplish the tasks at hand with proficient skills in teamwork and leadership, while remembering ethical reasoning behind all decisions. The ability for organizational and time management skills is essential in bringing together all aspects of managing self and others. Academic integrity is central to mastery in this outcome. At the graduate level, intellectual independence is needed for professional and academic development and engagement. In addition, Professional and Ethical Behaviour includes, but is not limited to, the following outcomes: Teamwork, Ethical Reasoning, Leadership, Personal Organization and Time Management, and Intellectual Independence.
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Psychology

The Department of Psychology offers programs in four fields of psychology: 1) applied social psychology, 2) clinical child and adolescent psychology, 3) industrial/organizational psychology and 4) neuroscience and applied cognitive science.

• **Applied Social Psychology (MA, PhD)**
  
  Applied Social Psychology is based on the investigation of social processes and problems of significance to the general community and to specific groups. Areas of investigation may include, but are not limited to, aging, ethics, health, policy, equity, community services, the environment, ethnicity, and gender. Diverse research strategies, including qualitative and quantitative methods, are used to answer questions related to social issues. Graduate study in Applied Social Psychology is designed to prepare students for academic and applied research careers in a wide range of settings. The graduate program has two emphases: (1) the pursuit of advanced research, and (2) the design and evaluation of programs that aim to reduce social problems and promote human welfare.

• **Clinical Child and Adolescent Psychology (MA, PhD)**
  
  The area of Clinical Child and Adolescent Psychology 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 contribute 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 (MA, PhD)**
  
  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.

• **Neuroscience and Applied Cognitive Science (MSc, PhD)**
  
  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.

Note that the Masters programs are an integral part of the doctoral studies and students are admitted with the expectation of completing the doctoral degree. 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](http://www.psychology.uoguelph.ca) for additional information.

Faculty in Psychology also participate in the interdepartmental programs in Neuroscience and Toxicology.

### Administrative Staff

**Chair**

Ian Newby-Clark (4013 MacKinnon Ext, 53517)
inewby@uoguelph.ca

**Associate Chair**

Daniel Meegan (3018 MacKinnon Ext, 54998)
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**Graduate Program Coordinator**

Lana Trick (4003 MacKinnon Ext, 53518)
ltrick@uoguelph.ca

**Graduate Program Assistant**

Robin Sorbara (4014 MacKinnon, Ext. 53508)
robinfra@uoguelph.ca

### Graduate Faculty

#### Naseem Al-Aidroos

BSc Calgary, MA, PhD Toronto - Associate Professor

#### Heidi N. Bailey

BA British Columbia, PhD Western - Associate Professor

#### Paula Barata

BA British Columbia, MA, PhD Windsor - Associate Professor

#### Patrick Barclay

BSc Guelph, PhD McMaster - Associate Professor

#### Elena Choleris

BSc, PhD Parma (Italy) - Professor

#### Donald Dedrick

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

#### Serge Desmarais

BA, MA, PhD Waterloo - Professor

#### Mark J. Fenske

BSc Lethbridge, MA, PhD Waterloo - Associate Professor

#### Christopher Fiaccioni

BSc Western, PhD McMaster - Assistant Professor

#### Benjamin Gigüère

BA McGill, MA, PhD York - Associate Professor

#### Harjinder Gill

BA Waterloo, MA, PhD Western Ontario - Associate Professor

#### Gloria Gonzalez-Morales

BA La Laguna, DIPL., PhD Valencia - Associate Professor

#### Peter A. Hausdorf

BSc McMaster, MA Guelph, PhD McMaster - Associate Professor and Graduate Program Coordinator

#### Karl H. Hennig

BEd, MA, PhD British Columbia - Assistant Professor

#### Francesco Leri

BA, MA, PhD McGill - Professor and Chair

#### Stephen Lewis

BSc, PhD Dalhousie - Associate Professor

#### Margaret N. Lumley

BA Waterloo, MA, PhD Queen's - Associate Professor and Director of Clinical Training

#### Harvey H.C. Marmurek

BA Toronto, MA, PhD Ohio State - Professor

#### Kaitlyn Mclachlan

BA York, MA, PhD Simon Fraser - Assistant Professor

#### C. Meghan McMurtry

BA Laurier, PhD Dalhousie - Associate Professor

#### Daniel V. Meegan

BA SUNY at Albany, PhD McMaster - Associate Professor

#### Barbara A. Morrongiello

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

#### Jennifer Murray

BSc Nebraska-Kearney, MA, PhD Nebraska-Lincoln - Assistant Professor

#### Ian R. Newby-Clark

BSc Toronto, PhD Waterloo - Professor

#### Kieran O'Doherty

BSc Witwatersrand, BHSc, PhD Adelaide - Associate Professor

#### Linda A. Parker

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

#### Deborah Powell

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

#### Saba F. Safdar

BA McMaster, MA, PhD York - Professor

#### Leanne S.M. Son Hing

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

#### Jeffrey Spence

BA Laurier, MA, PhD Waterloo - Associate Professor

#### David Stanley

BA Waterloo, MA, PhD Western Ontario - Associate Professor

#### Kristel Thomassin

BA Vanderbilt, MSc, PhD Georgia - Assistant Professor

#### Lana M. Trick

BSc Calgary, MA, PhD Western Ontario - Professor
### Program Requirements

#### Applied Social Psychology

<table>
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<tr>
<th>Course Code</th>
<th>Credit Hours</th>
<th>Description</th>
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<tbody>
<tr>
<td>PSYC*6060</td>
<td>0.50</td>
<td>Research Design and Statistics</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSYC*6940</td>
<td>0.50</td>
<td>Discrete-Variable Research Design and Statistics (upon consultation with Advisor as to which is most appropriate)</td>
</tr>
<tr>
<td>PSYC*6471</td>
<td>0.50</td>
<td>Practicum I</td>
</tr>
<tr>
<td>PSYC*6880</td>
<td>0.25</td>
<td>Ethical Issues in Psychology</td>
</tr>
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</table>

At least 2 of the following 3 core AS courses:

- PSYC*6910 [0.50] Critical Approaches to Applied Social Psychology
- PSYC*6920 [0.50] Applied Social Psychology and Intervention
- PSYC*6930 [0.50] Community, Culture and Global Citizenship

At least 1 elective from the following list:

- PSYC*6380 [0.50] Multivariate Statistics for Psychological Research
- PSYC*6521 [0.25] Research Seminar I
- PSYC*6670 [0.50] Research Methods
- PSYC*6840 [0.50] Program Evaluation
- PSYC*6950 [0.50] Qualitative Methods in Psychology
- PSYC*7070 [0.50] Psychological Measurement

And MA Thesis.

#### Clinical Child and Adolescent Psychology

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credit Hours</th>
<th>Description</th>
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<tr>
<td>PSYC*6000</td>
<td>0.50</td>
<td>Developmental Psychopathology: Etiology and Assessment</td>
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<tr>
<td>PSYC*6010</td>
<td>0.50</td>
<td>Integrated Child and Adolescent Assessment</td>
</tr>
<tr>
<td>PSYC*6020</td>
<td>0.50</td>
<td>Clinical and Diagnostic Interviewing Skills</td>
</tr>
<tr>
<td>PSYC*6060</td>
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<td>Research Design and Statistics</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSYC*6940</td>
<td>0.50</td>
<td>Discrete-Variable Research Design and Statistics (upon consultation with Advisor as to which is most appropriate)</td>
</tr>
<tr>
<td>PSYC*6630</td>
<td>0.50</td>
<td>Developmental Psychology</td>
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<tr>
<td>PSYC*6690</td>
<td>0.50</td>
<td>Foundations in Cognitive Assessment of Children and Adolescents</td>
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<tr>
<td>PSYC*6700</td>
<td>0.50</td>
<td>Personality and Social Assessment of Children and Adolescents</td>
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<tr>
<td>PSYC*6880</td>
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<td>Ethical Issues in Psychology</td>
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<tr>
<td>PSYC*7991</td>
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<td>CCAP Clinical Practicum I</td>
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<tr>
<td>PSYC*7992</td>
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<td>CCAP Clinical Practicum II</td>
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And MA Thesis.

#### Industrial/Organizational Psychology

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credit Hours</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>PSYC*6060</td>
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<td>Research Design and Statistics</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSYC*6380</td>
<td>0.50</td>
<td>Multivariate Statistics for Psychological Research</td>
</tr>
<tr>
<td>PSYC*6670</td>
<td>0.50</td>
<td>Research Methods</td>
</tr>
<tr>
<td>PSYC*7080</td>
<td>0.00</td>
<td>Consulting in Industrial/Organizational Psychology</td>
</tr>
<tr>
<td>PSYC*7130</td>
<td>0.50</td>
<td>Introduction to Industrial/Organizational Psychology</td>
</tr>
</tbody>
</table>

At least 2 of the following set of 3 electives:

- PSYC*7010 [0.50] Recruitment and Selection: Methods and Outcomes
- PSYC*7020 [0.50] Employee Performance
- PSYC*7160 [0.50] Employee Development: Methods and Outcomes

At least 2 of the following set of 3 electives:

- PSYC*7030 [0.50] Work Attitudes and Behaviour
- PSYC*7040 [0.50] Social Processes in the Workplace
- PSYC*7190 [0.50] Work Motivation and Leadership

And MA Thesis
PhD Program

The PhD program is offered in the fields: 1) applied social psychology; 2) clinical child and adolescent psychology; 3) industrial/organizational psychology and 4) neuroscience and applied cognitive science.

Admission Requirements

Students must have completed Masters requirements in the appropriate field of study (Neuroscience and Applied Cognitive Science; Applied Social Psychology; Clinical Child and Adolescent Psychology; Industrial/organizational Psychology) with a minimum 'A-' standing to be eligible for admission to the PhD program. These Masters 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 Masters level courses and complete clinical practice to ensure adequate background preparation for PhD work.

Program Requirements

Applied Social Psychology

PSYC*6900 [0.50] Philosophy and History of Psychology as a Science
One of the following:
PSYC*6380 [0.50] Multivariate Statistics for Psychological Research
PSYC*6950 [0.50] Qualitative Methods in Psychology
One of the following 3 core AS courses:
PSYC*6910 [0.50] Critical Approaches to Applied Social Psychology
PSYC*6920 [0.50] Applied Social Psychology and Intervention
PSYC*6930 [0.50] Community, Culture and Global Citizenship
One elective course to be determined in consultation with the student's PhD Advisory Committee and approved by the Graduate Area Representative.

One of the following two experiential courses:
PSYC*6471 [0.50] Practicum I
OR
PSYC*6472 [1.00] Practicum II
PSYC*6522 [0.50] Research Seminar II
Qualifying Exam;
And PhD Thesis.

Clinical Child and Adolescent Psychology

PSYC*6580 [0.50] Foundations in Child and Adolescent Psychotherapy
PSYC*6610 [0.50] Advanced Child and Adolescent Psychotherapy
PSYC*6840 [0.50] Program Evaluation
PSYC*6890 [0.25] Legislation and Professional Practice
PSYC*6900 [0.50] Philosophy and History of Psychology as a Science
PSYC*7070 [0.50] Psychological Measurement
PSYC*7993 [1.00] CCAP Clinical Practicum III
PSYC*7994 [1.00] Cognitive Behaviour Therapy Practicum
PSYC*7996 [0.50] Clinical Supervision, Consultation and Professional Development
PSYC*8000 [0.00] Clinical Internship

Students who complete this accredited Doctoral program in clinical psychology are expected to have breadth of training within the larger discipline of Psychology. If a student has not completed 2 senior undergraduate half courses in the biological bases of behaviour, the following course is required:
PSYC*6810 [0.50] Neuropsychology
If a student has not completed 2 senior undergraduate half courses in social bases of behavior, the following course is required:
PSYC*6920 [0.50] Applied Social Psychology and Intervention
OR
PSYC*6930 [0.50] Community, Culture and Global Citizenship
If a student has not completed 2 senior undergraduate half courses in the cognitive-affective bases of behaviour, the following course is required:
PSYC*6790 [0.50] Memory and Cognition
The following course is required if a student has not taken a one half undergraduate course of this nature:
PSYC*6900 [0.50] Philosophy and History of Psychology as a Science
Qualifying Exam;
And PhD Thesis.

Industrial/Organizational Psychology

PSYC*6900 [0.50] Philosophy and History of Psychology as a Science
PSYC*7070 [0.50] Psychological Measurement
PSYC*7080 [0.00] Consulting in Industrial/Organizational Psychology
And if not already taken during Master's Degree:
PSYC*7130 [0.50] Introduction to Industrial/Organizational Psychology
At least 1 of the following set of 3 courses:
PSYC*7010 [0.50] Recruitment and Selection: Methods and Outcomes
PSYC*7020 [0.50] Employee Performance

Ⅸ. Graduate Programs, Psychology

PhD Program

At least 1 of the following set of 3 courses:
PSYC*7030 [0.50] Work Attitudes and Behaviour
PSYC*7040 [0.50] Social Processes in the Workplace
PSYC*7190 [0.50] Work Motivation and Leadership

One elective from:
PSYC*6840 [0.50] Program Evaluation
PSYC*7140 [0.50] Industrial/Organizational Psychology Doctoral Research Seminar
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.

Neuroscience and Applied Cognitive Science

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

(must be taken each year of the program)

For students coming from other Master’s programs:
PSYC*6880 [0.25] Ethical Issues in Psychology
OR
UNIV*6600 [0.00] Animal Care Short Course

Three elective courses from the list below, with the option of PSYC*6472 which is credited as 2 electives.
PSYC*6472 [1.00] Practicum II
PSYC*6473 [0.25] Practicum III
PSYC*6750 [0.50] Applications of Cognitive Science
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*6900 [0.50] Philosophy and History of Psychology as a Science
NEUR*6000 [0.50] Principles of Neuroscience

Students are also given the option of choosing a graduate elective from outside this list with the permission of their advisor.

Qualifying Exam;
And PhD Thesis

Collaborative Specializations

Faculty in Psychology also participate in the collaborative specializations in Neuroscience and Toxicology

Courses

Restriction: All courses are restricted to Psychology graduate students; all others are by permission only. Students from all areas of Psychology may choose from the Department core courses. For convenience, the other graduate courses are categorized by area, but students from any area may take courses from outside their specific area with the permission of their thesis advisor and with instructor consent. In fact, in some cases, students are encouraged to take courses out of area as these courses are specified in their list of electives or required courses.

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.
Restriction(s): Restricted to Psychology students.
Department(s): Department of Psychology

OR
PSYC*6380 Multivariate Statistics for Psychological Research 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.
Prerequisite(s): PSYC*6060
Restriction(s): Restricted to Psychology students.
Department(s): Department of Psychology

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.
Restriction(s): Restricted to Psychology students.
Department(s): Department of Psychology

January 28, 2020
2020-2021 Graduate Calendar
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.
Restriction(s): Restricted to Psychology students.
Department(s): Department of Psychology

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.
Restriction(s): Restricted to Psychology students.
Department(s): Department 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.
Restriction(s): Restricted to Psychology students.
Department(s): Department 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.
Restriction(s): Restricted to Psychology students.
Department(s): Department of Psychology

PSYC*6472 Practicum II U [1.00]
See PSYC*6471. Students work four to five days a week in the selected setting.
Restriction(s): Restricted to Psychology students.
Department(s): Department of Psychology

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.
Restriction(s): Restricted to Psychology students.
Department(s): Department of Psychology

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.
Restriction(s): Restricted to Psychology students.
Department(s): Department of Psychology

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.
Restriction(s): Restricted to Psychology students.
Department(s): Department of Psychology

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.
Restriction(s): Restricted to Psychology students.
Department(s): Department of Psychology

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 I/O, applied social, clinical child
and adolescent psychology or neuroscience and applied cognitive science.
Restriction(s): Restricted to Psychology students.
Department(s): Department of 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.
Prerequisite(s): PSYC*6880
Restriction(s): Restricted to Psychology students.
Department(s): Department of Psychology

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.
Restriction(s): Restricted to Psychology students.
Department(s): Department of Psychology

PSYC*6940 Discrete-Variable Research Design and Statistics U [0.50]
This course is an in-depth examination of statistical approaches used in psychology, with
an emphasis on experimental research designs with discrete independent variables (e.g.,
t-test, ANOVA, general linear model), and how these approaches address ongoing
statistical challenges faced by psychological researchers, such as replication and
generalizability.
Restriction(s): Restricted to Psychology students.
Department(s): Department of Psychology

PSYC*6950 Qualitative Methods in Psychology U [0.50]
The purpose of this course is to provide students with foundational knowledge and skills
to conduct qualitative research in psychology. Approaches that will be covered may
include discursive psychology, critical discourse analysis, grounded theory, thematic
analysis, ethnography, and interpretive phenomenological analysis.
Restriction(s): Restricted to Psychology students.
Department(s): Department of Psychology

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): Restricted to Psychology students.
Department(s): Department of Psychology

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 in both the fall
and winter semesters.
Restriction(s): Restricted to Psychology students.
Department(s): Department of Psychology

PSYC*6750 Applications of Cognitive Science U [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.
Restriction(s): Restricted to Psychology students.
Department(s): Department of Psychology

PSYC*6760 Research Seminar in Neuroscience and Applied Cognitive Science B U [0.50]
This course will expose graduate students to some of the major theories, issues and
methodologies driving the 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 fall
and winter semester of their graduate program until they graduate.
Restriction(s): Restricted to Psychology students.
Department(s): Department of Psychology

PSYC*6780 Foundations of Cognitive Science U [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 students.
Department(s): Department of Psychology
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.
Restriction(s): Restricted to Psychology students.
Department(s): Department of Psychology

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.
Restriction(s): Restricted to Psychology students.
Department(s): Department of Psychology

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.
Restriction(s): Restricted to Psychology students.
Department(s): Department of Psychology

Applied Social Psychology

PSYC*6270 Issues in 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, Indigenous peoples, 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.
Restriction(s): Restricted to Psychology students.
Department(s): Department of Psychology

PSYC*6690 Foundations in Cognitive Assessment of Children and Adolescents F [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.
Restriction(s): Restricted to Psychology students.
Department(s): Department of Psychology

Clinical Child and Adolescent Psychology

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.
Restriction(s): Instructor consent required.
Department(s): Department of Psychology

PSYC*6270 Issues in 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, Indigenous peoples, 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.
Restriction(s): Restricted to Psychology students.
Department(s): Department of Psychology

PSYC*6580 Foundations in Child and Adolescent Psychotherapy F [0.50]
This course introduces foundations of practice in conducting psychotherapy with children and adolescents, highlighting evidence-based practice. Major models of child/adolescent psychotherapy and case conceptualization are introduced. This course is open only to graduate students in the Clinical Child and Adolescent Psychology (CCAP) field.
Restriction(s): Instructor consent required.
Department(s): Department of Psychology

PSYC*6610 Advanced Child and Adolescent Psychotherapy U [0.50]
This course will consider newly emerging developments in child and adolescent psychotherapy, as well as issues of power relationships, cultural sensitivity and empirical support. In preparation, students should endeavor to complete two therapy cases prior to the commencement of the course. This course is open only to graduate students in the Clinical Child and Adolescent Psychology (CCAP) field.
Prerequisite(s): PSYC*6580 and PSYC*7994.
Restriction(s): Instructor consent required.
Department(s): Department of Psychology

PSYC*6690 Foundations in Cognitive Assessment of Children and Adolescents F [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. This course is open only to graduate students in the CCAP field.
Restriction(s): Instructor consent required.
Department(s): Department of Psychology

PSYC*6700 Personality and Social Assessment of Children and Adolescents U [0.50]
This course considers projective, questionnaires, observations and interviews for assessing children’s personality and behaviour. Students administer tests, score, interpret and write reports under supervision. This course is open only to graduate students in the CCAP field.
Restriction(s): Instructor consent required.
Department(s): Department of Psychology

PSYC*7991 CCAP Clinical Practicum U [0.25]
This CCAP practicum is typically undertaken at the Center for Psychological Services, one day a week over a semester, to enhance skills introduced in other clinical courses. Expectations for the course will be based on the student’s current level of clinical skill. Students will work with diverse clients, and gain knowledge of ethics and jurisprudence in a clinical setting. This course is open only to graduate students in the Clinical Child and Adolescent Psychology (CCAP) field.
Restriction(s): Instructor consent required.
Department(s): Department of Psychology
PSYC*7992 CCAP Clinical Practicum II U [0.50]
This CCAP practicum is undertaken in a school board, psychological services department for two days a week over one semester. Students will develop professional skills and work with interdisciplinary teams, and apply knowledge of ethics and jurisprudence to educational settings. A passing grade and a satisfactory rating on the practical component must be achieved in PSYC*6690 and PSYC*6700 to enroll in this course. This course is open only to graduate students in the Clinical Child and Adolescent Psychology (CCAP) field.
Prerequisite(s): PSYC*6010, PSYC*6690, and PSYC*6700
Restriction(s): Instructor consent required.
Department(s): Department of Psychology

PSYC*7993 CCAP Clinical Practicum III U [1.00]
This CCAP practicum is undertaken in a children's mental health setting two days a week over two semesters. Students will develop complex assessment and therapy skills with diverse clients, work with interdisciplinary teams, and apply knowledge of ethics and jurisprudence to mental health settings. This course is open only to graduate students in the Clinical Child and Adolescent Psychology (CCAP) field.
Prerequisite(s): PSYC*6471 or PSYC*7992
Restriction(s): Instructor consent required.
Department(s): Department of Psychology

PSYC*7994 Cognitive Behaviour Therapy Practicum F,W [1.00]
The CBT practicum is typically undertaken at the Center for Psychological Training, and is intended to foster clinical psychology graduate student training in cognitive behaviour therapy (CBT). This practicum course will involve didactic and experiential components. Students will gain competency with the basics of CBT, gain capability with treatment manuals and undertake at least one ongoing therapy case. This course is open only to graduate students in the Clinical Child and Adolescent Psychology (CCAP) field.
Co-requisite(s): PSYC*6580
Restriction(s): Instructor consent required.
Department(s): Department of Psychology

PSYC*7996 Clinical Supervision, Consultation and Professional Development F [0.50]
This course is designed to introduce students to the theory, research, and practice of supervision and consultation in the field of clinical psychology. Students will become familiar with the professional literature relevant to supervision, gain competency with ethical, culturally-competent clinical supervision, and explore their own development as a professional in the field of psychology. This course is open to PhD students in the Clinical Child and Adolescent Psychology (CCAP) field.
Prerequisite(s): PSYC*6580, PSYC*7994
Restriction(s): Instructor consent required.
Department(s): Department of Psychology

PSYC*8000 Clinical Internship U [0.00]
A mark of satisfactory (SAT) in this course indicates that a student in the Clinical Child and Adolescent Psychology (CCAP) 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 CCAP.
Restriction(s): Instructor consent required.
Department(s): Department of Psychology

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.
Restriction(s): Restricted to Psychology students.
Department(s): Department of Psychology

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.
Restriction(s): Restricted to Psychology students.
Department(s): Department of Psychology

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.
Restriction(s): Restricted to Psychology students.
Department(s): Department of Psychology

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.
Restriction(s): Restricted to Psychology students.
Department(s): Department of Psychology

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): Restricted to Psychology students.
Department(s): Department of Psychology

PSYC*7080 Consulting in Industrial/Organizational Psychology U [0.00]
The course introduces students to consulting in I/O Psychology through actual consulting projects with local organizations. Topics include: marketing consulting services, understanding consulting, client and project management. Specific projects will vary from semester to semester based on work secured with local organizations (e.g. training, surveys, coaching).
Restriction(s): Restricted to Psychology students.
Department(s): Department of Psychology

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.
Restriction(s): Restricted to Psychology students.
Department(s): Department of Psychology

PSYC*7140 Industrial/Organizational Psychology Doctoral Research Seminar U [0.50]
This CCAP practicum is undertaken in a children's mental health setting two days a week over two semesters. Students will develop complex assessment and therapy skills with diverse clients, work with interdisciplinary teams, and apply knowledge of ethics and jurisprudence to mental health settings. This course is open only to graduate students in the Clinical Child and Adolescent Psychology (CCAP) field.
Restriction(s): PSYC*6690 and PSYC*6700 to enroll in this course. This course is open only to graduate students in the Clinical Child and Adolescent Psychology (CCAP) field.
Restriction(s): Instructor consent required.
Department(s): Department of Psychology

PSYC*7150 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.
Restriction(s): Restricted to Psychology students.
Department(s): Department of Psychology

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.
Restriction(s): PSYC*7130
Restriction(s): Instructor consent required.
Department(s): Department of Psychology
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Course Type</th>
<th>Description</th>
<th>Prerequisite(s)</th>
<th>Restriction(s)</th>
<th>Department(s)</th>
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<tr>
<td>PSYC*7180</td>
<td>Industrial/Organizational Psychology Doctoral Research Internship II</td>
<td>U [0.50]</td>
<td>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.</td>
<td>PSYC<em>7130, PSYC</em>7140, PSYC*7170</td>
<td>Instructor consent required.</td>
<td>Department of Psychology</td>
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<td>PSYC*7190</td>
<td>Work Motivation and Leadership</td>
<td>U [0.50]</td>
<td>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.</td>
<td></td>
<td>Restricted to Psychology students.</td>
<td>Department of Psychology</td>
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