

# DOCTORATE IN PHILOSOPHY PSYCHOLOGY

The School of Psychology offers graduate programs leading to the degree of Doctor of Philosophy (PhD). Specializations are offered in Clinical Psychology and Experimental Psychology in the following fields approved by the Ontario Council on Graduate Studies:

- Clinical Psychology
- Social Psychology
- Developmental Psychology
- Cognition
- Behavioural Neurosciences

Only students who intend to complete a doctorate are admitted. In special circumstances, students may be requested to complete the MA program after their first year of enrollment.

The School participates in a collaborative program in Canadian Studies at the PhD level.

The program is governed by the general regulations (<http://www.grad.uottawa.ca/Default.aspx?tabid=1807>) in effect for graduate studies.

## Program Objectives

### MA - PhD with Specialization in Experimental Psychology

The objective of this program is to train researchers in experimental psychology with emphasis on one of the following areas: behavioural neurophysiology, psychopharmacology, psychophysiology, human and animal cognition, learning, language, sleep and dreams, social, cognitive and emotional development, perception, intergroup relations, motivation, and the social psychology of health and work.

### MA - PhD with Specialization in Clinical Psychology

The purpose of this program is to provide doctoral training in the area of clinical psychology and prepare students to work with adults and children. Professional training includes exposure to cognitive-behavioural, experiential, systemic/interpersonal, and community consultation approaches. Thesis supervisors within the clinical program have special expertise in areas such as the social development of children, behaviour problems in children, social skills training, depression, psychotherapy, marital therapy, family psychology, correctional psychology, community psychology and program evaluation. Students may also elect to choose a thesis supervisor from the Experimental program.

This program is fully accredited by the Canadian Psychological Association (CPA).

For further information, the CPA can be contacted at the following address :

Accreditation Office  
Canadian Psychological Association  
141 Laurier Avenue West, Suite 702  
Ottawa, Ontario, K1P 5J3  
[accreditationoffice@cpa.ca](mailto:accreditationoffice@cpa.ca)  
613-237-2144 x328 or 1-888-472-0657 x328.

In Ontario, practice as a psychologist is governed by statute law; graduation from the doctoral program in clinical psychology does not by itself qualify a person to practice as a psychologist. For further information, the College of Psychologists of Ontario should be contacted, at the following address: The Registrar, The College of Psychologists of Ontario, 110 Eglinton Avenue West, Suite 500, Toronto, Ontario, M4R 1A3, Tel: 416-961-8817, Fax: 416-961-2635.

Regulations of the School of Psychology prohibit students from being involved in the private practice of psychology, outside of practica and internships, unless they have received explicit permission from the director of the clinical psychology program to do so.

## Co-ordination of the Programs

The Graduate Studies Committee, and its two permanent subcommittees (for the programs in experimental and clinical psychology, respectively) ensure the ongoing co-ordination of the programs, in keeping with the regulations in effect for graduate studies.

## Admission Requirements

For the most accurate and up to date information on application deadlines, language tests and other admission requirements, please visit the specific requirements (<https://www.uottawa.ca/graduate-studies/programs-admission/apply/specific-requirements>) webpage.

The normal minimum requirement for admission into either of the two programs (MA - PhD in Clinical Psychology or MA - PhD in Experimental Psychology) is the Honours Bachelor in Psychology, or its equivalent, including an Honour's thesis or an equivalent individual research project. In addition, course requirements include a course in History and Systems of Psychology (or its equivalent), and two courses in statistical analysis (or their equivalents). If these course requirements are not met at the time of admission, the candidates will be required to complete them within the first two years of graduate studies. (For the program in Clinical Psychology, in order to meet a component of the academic requirements for enrollment with the College of Psychologists of Ontario, a minimum of twenty undergraduate psychology courses is required for admission.)

Each file is assessed to determine whether equivalencies will be granted on the basis of courses completed at the master's level. Candidates for the clinical program with fewer than 21 units of equivalencies will be admitted to the MA level while those with 21 or more units of equivalencies will be admitted directly to the PhD.

Exceptionally, admission to the Experimental Psychology program is possible on the basis of a four-year Honour's degree in another discipline relevant to Psychology, with a letter of support from the prospective supervisor. The degree must include a thesis or an equivalent individual research project and the equivalent of at least 36 units (12 one-term courses) in Psychology, including statistics and some research experience.

Note: Students with a strong background in mathematics, physical sciences, biological science or computer science are especially encouraged to apply.

Only students who intend to complete the doctorate are admitted. Those holding an Honours Bachelor in Psychology are admitted to the MA program and are permitted to transfer to the PhD after one year, provided their performance in courses and research is satisfactory. Those already holding a master's in psychology are admitted directly to the PhD program.

Requests for admission are examined by an Admissions Committee in accordance with the admissions policy of the Council of the School of Psychology.

## Second Language Requirements

All students must meet certain second language requirements (in English or in French) in order to obtain their doctoral degree.

## Program Requirements

### PhD Degree Requirements

#### A) CLINICAL PSYCHOLOGY

The program in Clinical Psychology includes 17 courses. In addition to required clinical courses, students in Clinical Psychology must complete four fundamental courses in psychology to meet CPA accreditation criteria for the core content areas of psychology (although equivalencies may be granted for some fundamental courses by the Director of the clinical program) and four supplementary clinical courses. For students entering the program with courses completed at the master's level, at the discretion of the Director of the clinical program, equivalencies may be granted for up to a maximum of 30 units. Although the program may be completed in 5 years (as outlined below), most students complete in 6 years.

NOTE: Students are free to take courses in both languages. Please refer to the equivalent French course code.

#### Typical Program Sequence

##### YEAR 1

Fall Term		
PSY 4130	History and Systems of Psychology <sup>1</sup>	3 Units
PSY 5023	Master's Level Research Practicum <sup>2</sup>	
PSY 5120	Advanced Statistics in Psychology: Univariate Data Analysis	3 Units
PSY 5207	Psychological Intervention and Consultation <sup>3</sup>	6 Units
PSY 5202	Psychodiagnostic Assessment of Adults and Children <sup>3</sup>	6 Units
PSY 6170	Ethics and Professional Issues	3 Units

##### Winter Term

PSY 5023	Master's Level Research Practicum <sup>2</sup>	
PSY 5102	Applied Psychopathology	3 Units
PSY 5121	Advanced Statistics in Psychology: Multivariate Data Analysis	3 Units
PSY 5207	Psychological Intervention and Consultation <sup>4</sup>	6 Units
PSY 5202	Psychodiagnostic Assessment of Adults and Children <sup>4</sup>	6 Units

##### Spring Term

PSY 5023	Master's Level Research Practicum <sup>2</sup>	
PSY 6007	Clinical Practicum <sup>5</sup>	
PSY 6008	External Clinical Practicum <sup>5</sup>	

##### YEAR 2

PSY 7103	Program Evaluation	3 Units
PSY 5133	Clinical Research Methods	3 Units
PSY 6007	Clinical Practicum <sup>5</sup>	
PSY 6008	External Clinical Practicum <sup>5</sup>	

One or more foundational courses from:

PSY 5103 Fundamentals or Behavioural Neuroscience

PSY 5105 Fundamentals of Cognitive Psychology

PSY 5113 Fundamentals of Social Psychology

PSY 5114 Fundamentals of Developmental Psychology

One or more supplementary clinical courses

##### YEARS 3 & 4

PSY 6007 Clinical Practicum<sup>5</sup>

PSY 6008 External Clinical Practicum<sup>5</sup>

PSY 6009 Advanced External Clinical Practicum<sup>5</sup>

PSY 6010 Advanced Internal Clinical Practicum<sup>5</sup>

THD 9999 Doctoral Thesis

Completion of remaining foundational course requirements

Completion of remaining supplementary clinical course requirements

##### YEAR 5

Predoctoral Internship

THD 9999 Doctoral Thesis

##### Note(s)

- 1 Only students who have not completed an undergraduate course in history of psychology must enroll for PSY 4130. We recommend that this course be taken during the first year, but it can be taken later in the program.
- 2 Students entering with master's degrees in psychology are not required to enroll in this practicum.
- 3 This is a 6-unit course continuing over two consecutive terms.
- 4 This is a course continuing from the first term.
- 5 One course unit is granted per every 30 placement hours completed.

#### B) EXPERIMENTAL PSYCHOLOGY

The program of courses is individually tailored to the research interests and needs of the student. With the exception of the statistics course (PSY 5120 and PSY 5121), the first-year seminar (PSY 5424), and the research courses (PSY 5023 and PSY 6042), the schedule below is intended to serve as a guideline and is not mandatory. The four optional courses may be spread over several years, depending on availability and level of the student's research involvement.

NOTE: Students are free to take courses in both languages. Please refer to the equivalent French course code.

Note that students admitted on the basis of a master's degree in psychology may receive exemptions for some of the following courses as determined by the director of the Experimental Program.

##### YEAR 1

PSY 4130	History and Systems of Psychology <sup>1</sup>	3 Units
PSY 5023	Master's Level Research Practicum <sup>2</sup>	
PSY 5120	Advanced Statistics in Psychology: Univariate Data Analysis	3 Units
PSY 5121	Advanced Statistics in Psychology: Multivariate Data Analysis	3 Units
PSY 5424	Contemporary Issues and Professional Skills in the Psychological Sciences	6 Units

##### YEAR 2

PSY 6042	Practicum in Basic Research	3 Units
Two courses from the list of optional courses in psychology (PSY) at the graduate level <sup>3</sup>		6 Units

### YEAR 3

Two courses from the list of optional courses in psychology (PSY) at the graduate level<sup>3</sup> 6 Units

### YEARS 4 & 5<sup>4</sup>

THD 9999 Doctoral Thesis<sup>5</sup>

#### Note(s)

- <sup>1</sup> Only students who have not completed an undergraduate course in the history of psychology must enroll for PSY 4130. We recommend that this course be taken during the first year in the program.
- <sup>2</sup> Students entering with master's degrees in psychology are not required to enroll in this practicum.
- <sup>3</sup> Of the optional courses, two of the four courses must be taken from the course cluster most relevant to the student's doctoral research. The remaining two optional courses must be taken from one of the other course clusters.  
The list of courses pertaining to each cluster is available from the School of Psychology. The course clusters are as follows:
  - Behavioural Neuroscience
  - Cognitive Psychology
  - Developmental Psychology
  - Social and Community Psychology
  - Quantitative Psychology and Research Methods
- <sup>4</sup> Normally, all formal course requirements should have been met by the end of year 3, with the thesis as the only remaining requirement. What should remain are the thesis proposal, comprehensive examination and the thesis itself.
- <sup>5</sup> The composition of the thesis committee must be approved by the director of the experimental program and should be determined shortly before submission of the thesis proposal.

## PhD Degree with Recognition of Professional Bilingual Competence

The student will have completed a portion of the program requirements in each of Canada's official languages. More specifically, the following conditions must be met:

### Clinical Program

- Completion of one formal course (lecture or seminar format) in each of the official languages with assignments to be completed in the language of the course and completion in the student's second language of a significant portion of the thesis (e.g. general introduction and general discussion).
- Completion of at least two formal courses (lecture or seminar format) in each of the official languages with assignments to be completed in the language of the courses.
- Clinical training: Completion of provision of psychological services to at least one client during the practicum or internship in each of the two official languages.

### Experimental Program

- Courses: Completion of at least one formal course (lecture or seminar format) in each official language with assignments to be completed in the language of the course.
- Thesis: Completion of a significant portion of the thesis in the student's second language (e.g. general introduction and general discussion).

- Teaching: Satisfactory completion of one teaching assistantship of no less than 60 hours in each official language including in each case a minimum of three hours of formal lecturing. Equivalent substitutes may be approved by the director of the experimental program.

The satisfactory fulfillment of the above requirements (re: courses) will be monitored by the program directors.

Note: In the experimental program, the first of these requirements must be completed before the other two.

## Master of Arts (MA) in Psychology

While students are accepted only into the MA - PhD programs, an MA degree may, in special circumstances, be awarded to students who have met the requirements. The Graduate Studies Committee will decide in each case whether this alternative is feasible.

Students must be enrolled for at least four terms of full-time residence.

In the case of a Master of Arts in Psychology (MA), the minimum requirements for the degree are as follows:

### A) CLINICAL PSYCHOLOGY

PSY 4130	History and Systems of Psychology <sup>1</sup>	3 Units
PSY 5023	Master's Level Research Practicum <sup>2</sup>	
THM 7999	Master's Thesis	
Six three-unit courses, and one six-unit course:		
PSY 5102	Applied Psychopathology	3 Units
PSY 5120	Advanced Statistics in Psychology: Univariate Data Analysis	3 Units
PSY 5121	Advanced Statistics in Psychology: Multivariate Data Analysis	3 Units
PSY 5133	Clinical Research Methods	3 Units
PSY 5202	Psychodiagnostic Assessment of Adults and Children	6 Units
PSY 6170	Ethics and Professional Issues	3 Units
One supplementary three-unit clinical course		3 Units
A minimum of 750 hours of applied clinical training <sup>3</sup>		

#### Note(s)

- <sup>1</sup> Only students who have not completed an undergraduate course in history of psychology must enroll for PSY 4130. We recommend that this course be taken during the first year, but it can be taken later in the program.
- <sup>2</sup> Students entering with master's degrees in psychology are not required to enroll in this practicum.
- <sup>3</sup> The applied clinical training (PSY 6007, and if necessary, PSY 6008 or PSY 6009) must be worked out on an individual basis with the Coordinator of Practica and Internships.

### B) EXPERIMENTAL PSYCHOLOGY

Students must be enrolled for at least four terms of full-time residence.

PSY 4130	History and Systems of Psychology <sup>1</sup>	3 Units
PSY 5023	Master's Level Research Practicum <sup>2</sup>	
PSY 5120	Advanced Statistics in Psychology: Univariate Data Analysis	3 Units

PSY 5121	Advanced Statistics in Psychology: Multivariate Data Analysis	3 Units
PSY 5424	Contemporary Issues and Professional Skills in the Psychological Sciences	6 Units
THM 7999	Master's Thesis	

#### Note(s)

- 1 Only students who have not completed an undergraduate course in history of psychology must enroll PSY 4130. We recommend that this course be taken during the first year, but it can be taken later in the program.
- 2 Students entering with master's degrees in psychology are not required to enroll in this practicum.

## Duration of the Program

Students are expected to complete all requirements within four years. The maximum time permitted is six years from the date of initial enrollment in the program.

## Minimum Standards

The passing grade in all courses is C+. Students who fail two courses (equivalent to 6 units), the thesis proposal, or whose research progress is deemed unsatisfactory are required to withdraw.

## Second Language Requirements

Students who, at the time of admission, can provide proof of their competence in both English and French (e.g., prior post-secondary education in both languages, certificate of linguistic competency) are deemed to meet the language requirement.

All students must meet certain second language requirements (English or French) in order to obtain their doctoral degree. These requirements can be met in one of four ways:

- by passing the FLS 1000 proficiency test administered by the Official Languages and Bilingualism Institute (ILOB)
- by successfully completing a compulsory graduate course in which all course requirements will have been met in the second language
- writing the Thesis in the second language, or
- by successfully completing a second year course designated by the Official Languages and Bilingualism Institute (FLS 2511 or ESL 2111). The grade received for this course will appear as a 'S' (satisfactory) or 'NS' (not satisfactory) on the official transcript. In this case, as this is an undergraduate course, a Satisfactory is considered to be a 50% or higher.

A candidate holding a student visa, and whose first language and language of instruction prior to university studies were neither English nor French, is considered by the School of Psychology to have fulfilled the second language requirement.

Note that this is different from the PhD degree with recognition of professional bilingual competence.

## Thesis Advisory Committee

A thesis advisory committee (also referred to as the thesis proposal committee) is formed a few months before the student submits the thesis proposal for evaluation. The committee's membership is determined by the specific research content of the thesis proposal. The

committee comprises four members including the thesis supervisor. At least one member, other than the supervisor, must be a regular full time member of the School of Psychology. Depending on the thesis topic, other members may be associated with other departments or have adjunct, cross-appointed, or clinical appointments in Psychology.

The thesis proposal is approved by committee consensus following a formal oral presentation to the committee members. Following the meeting, informal meetings may be held with the student and individual members or all members with the goal of guiding the student towards successful completion of the thesis.

## Research Research Fields & Facilities

Located in the heart of Canada's capital, a few steps away from Parliament Hill, the University of Ottawa is among Canada's top 10 research universities.

uOttawa focuses research strengths and efforts in four Strategic Areas of Development in Research (SADRs):

- Canada and the World
- Health
- e-Society
- Molecular and Environmental Sciences

With cutting-edge research, our graduate students, researchers and educators strongly influence national and international priorities.

## Research at the Faculty of Social Sciences

The Faculty of Social Sciences represents a place of excellence in knowledge creation, research and training. Driven by both disciplinary and interdisciplinary perspectives, research at the Faculty is rich, innovative and varied, contributing to the depth of understanding and breadth of discussions on a variety of issues nationally and internationally. This research, whether it be fundamental, theoretical, applied or action-oriented, is generated by our renowned expertise, ultimately culminating in applications designed to influence individual communities and the betterment of society.

We have identified five research themes which collectively represent a large proportion of the research undertaken at the Faculty of Social Sciences:

- International Studies
- Francophonie
- Public Policy
- Health, Well-Being
- Justice, Society

## Facilities, Research Centres and Institutes at the Faculty of Social Sciences

Centre for Interdisciplinary Research on Citizenship and Minorities (CIRCEM) (<http://socialsciences.uottawa.ca/circem>), Centre for International Policy Studies (CIPS) (<http://www.cips-cepi.ca>), Centre for Public Management and Policy (<http://socialsciences.uottawa.ca/public-management-policy>), Centre for Research on Educational and Community Service (CRECS) (<http://crecs.uottawa.ca>), Centre on Governance (COG)

(<http://socialsciences.uottawa.ca/governance>), Human Rights Research and Education Centre (affiliation) (<http://cdp-hrc.uottawa.ca/en>), Institute of Feminist and Gender Studies (<http://socialsciences.uottawa.ca/feminist-gender-studies>) and Institute for Science, Society and Policy (<https://issp.uottawa.ca/en>).

For more information, refer to the list of faculty members and their research fields on **Uniweb**.

**IMPORTANT: Candidates and students looking for professors to supervise their thesis or research project can also consult the website of the faculty or department** (<https://www.uottawa.ca/graduate-studies/students/academic-unit-contact-information>) **of their program of choice. Uniweb does not list all professors authorized to supervise research projects at the University of Ottawa.**

## Courses

The following courses are not all offered in the same year.

### **PSY 5023 Practicum de recherche de niveau maîtrise / Master's Level Research Practicum (1-99 crédit / 1-99 unit)**

Formation pratique : chaque période de 30 heures équivaut à 1 crédit. / Practical training: each 30 hour period is equivalent to 1 unit.

**Volet / Course Component:** Recherche / Research

### **PSY 5065 Seminar in Child Psychology (4 crédits / 4 units)**

**Volet / Course Component:** Cours magistral / Lecture

### **PSY 5102 Applied Psychopathology (3 units)**

Major conceptual and empirical issues in the field of psychopathology. Contemporary diagnostic systems and procedures (e.g., DSM).

**Course Component:** Lecture

### **PSY 5103 Fundamentals or Behavioural Neuroscience (3 units)**

Critical analysis of research trends in behavioural neuroscience and of the relations between neuroanatomy, functional systems, and complex behaviours (e.g., spatial orientation, memory, language, reasoning).

**Course Component:** Lecture

### **PSY 5104 Integration Seminar in Program Evaluation (3 units)**

Integration of program evaluation practice, research and theory leading to a written report related to advances in program evaluation practice and theory.

**Course Component:** Lecture

Prerequisites: EDU 5299 or PSY 7103 or CRM 6359; EDU 6299; PSY 7102. Courses PSY 5104, EDU 5504 cannot be combined for units.

### **PSY 5105 Fundamentals of Cognitive Psychology (3 units)**

Critical analysis of research trends in cognitive psychology. Topics to include cognitive architectures and their underlying principles, the interpretation of sensory signals, attention, memory, language, mental computation, reasoning and problem-solving.

**Course Component:** Lecture

### **PSY 5111 Theories of Personality (3 units)**

Contemporary personality theory and research concerning the structure, heritability, social and biological determinants, and social and psychiatric manifestation of fundamental personality traits.

**Course Component:** Lecture

### **PSY 5113 Fundamentals of Social Psychology (3 units)**

Critical analysis of research trends in contemporary social psychology. Topics to include the units of analysis in social psychology, social influence, formation and functions of attitudes, stereotypes, social motivation, leadership, social organizations, and inter-group relations.

**Course Component:** Lecture

### **PSY 5114 Fundamentals of Developmental Psychology (3 units)**

Critical analysis of research trends in developmental psychology. Topics to include current issues in emotional, cognitive, and social development during childhood and adolescence and an evaluation of current conceptualizations, measurement techniques, and research methodologies.

**Course Component:** Lecture

### **PSY 5120 Advanced Statistics in Psychology: Univariate Data Analysis (3 units)**

Topics covered include general linear approaches to analysis of variance and covariance, basic assumptions of parametric techniques, expected mean square and error term selection, multiple comparison and trend procedures, power of statistical tests. Attention to be paid to selected factorial designs including repeated measures, regression, and log-linear analyses.

**Course Component:** Lecture

### **PSY 5121 Advanced Statistics in Psychology: Multivariate Data Analysis (3 units)**

Principles of multivariate statistics in general, and of those of multiple regression, discriminant function analysis, multivariate analysis of variance and canonical correlation, in particular. Each statistical procedure to be accompanied by required computer application work involving major statistical packages.

**Course Component:** Lecture

Prerequisite: PSY 5120

### **PSY 5125 Principles of Neuropsychology (3 units)**

Focus on understanding brain behaviour relationships by examining major neurobehavioural syndromes and associated neuropsychological deficits. Review of the current theoretical assumptions underlying the syndromes. Topics include: history and principles of neuropsychology, gross neuroanatomy and neuropathology, aphasia, apraxia, agnosia, alexia, agraphia, visuo-spatial/perceptual/construction disorders, attention/neglect, memory and learning, limbic system functions, callosal syndromes, and executive functions.

**Course Component:** Lecture

Prerequisite: knowledge of neuroanatomy.

### **PSY 5133 Clinical Research Methods (3 units)**

General research principles as they apply to research with clinical populations and to research on clinical services. Strategies for enhancing both the internal and external validity of research. Sampling, measurement, statistical power, and the selection of appropriate research designs.

**Course Component:** Lecture

Permission of the Department is required.

### **PSY 5158 Research Practicum in Social and Interpersonal Relations (3 units)**

Current research in assertion and social skills training is studied through student and staff participation in research projects.

**Course Component:** Lecture

### **PSY 5202 Psychodiagnostic Assessment of Adults and Children (6 units)**

Assessment of intellectual, behavioural and emotional functioning of children and adults. Administration, scoring, and interpretation of selected instruments. Integration of data for communication of assessment findings to clients and others (e.g., parents, teachers).

**Course Component:** Lecture

**PSY 52021 Psychodiagnostic Assessment of Adults and Children (Part 1 of 2)**

Assessment of intellectual, behavioural and emotional functioning of children and adults. Administration, scoring, and interpretation of selected instruments. Integration of data for communication of assessment findings to clients and others (e.g., parents, teachers). (Part 1 of 2)

**Course Component:** Lecture

**PSY 52022 Psychodiagnostic Assessment of Adults and Children (Part 2 of 2) (6 units)**

Assessment of intellectual, behavioural and emotional functioning of children and adults. Administration, scoring, and interpretation of selected instruments. Integration of data for communication of assessment findings to clients and others (e.g., parents, teachers). (Part 2 of 2)

**Course Component:** Lecture

Prerequisite: PSY52021

**PSY 5207 Psychological Intervention and Consultation (6 units)**

Development of basic intervention skills. Models of psychological intervention. Consultation with individuals, organizations, and systems.

**Course Component:** Lecture

**PSY 52071 Psychological Intervention and Consultation (Part 1 of 2)**

Development of basic intervention skills. Models of psychological intervention. Consultation with individuals, organizations, and systems. (Part 1 of 2)

**Course Component:** Lecture

**PSY 52072 Psychological Intervention and Consultation (Part 2 of 2) (6 units)**

Development of basic intervention skills. Models of psychological intervention. Consultation with individuals, organizations, and systems. (Part 2 of 2)

**Course Component:** Lecture

Prerequisite: PSY52071

**PSY 5424 Contemporary Issues and Professional Skills in the Psychological Sciences (6 units)**

Critical examination of contemporary issues and methodological approaches in the psychological sciences from the perspective of multiple research traditions, as well as the development of professional skills. In-class activities include lectures in each of the program's four areas of study (behavioural neuroscience, cognitive, developmental, and social/community). Professional skills modules and workshops about future career possibilities.

**Course Component:** Lecture

Permission of the Department is required.

**PSY 54241 Contemporary Issues and Professional Skills in the Psychological Sciences (Part 1 of 2)**

Critical examination of contemporary issues and methodological approaches in the psychological sciences from the perspective of multiple research traditions, as well as the development of professional skills. In-class activities include lectures in each of the program's four areas of study (behavioural neuroscience, cognitive, developmental, and social/community). Professional skills modules and workshops about future career possibilities. (Part 1 of 2)

**Course Component:** Lecture

Permission of the Department is required.

**PSY 54242 Contemporary Issues and Professional Skills in the Psychological Sciences (Part 2 of 2) (6 units)**

Critical examination of contemporary issues and methodological approaches in the psychological sciences from the perspective of multiple research traditions, as well as the development of professional skills. In-class activities include lectures in each of the program's four areas of study (behavioural neuroscience, cognitive, developmental, and social/community). Professional skills modules and workshops about future career possibilities. (Part 2 of 2)

**Course Component:** Lecture

Prerequisite: PSY 54241

**PSY 5502 Psychopathologie appliquée (3 crédits)**

Conceptions et recherche principales en psychopathologie. Systèmes et procédures actuels de diagnostic (ex. MSD).

**Volet :** Cours magistral

**PSY 5503 Fondements de la neuroscience du comportement (3 crédits)**

Examen critique des courants de recherche en neuroscience du comportement et des relations entre la neuroanatomie, les systèmes fonctionnels et les comportements complexes (ex. l'orientation spatiale, la mémoire, le langage, le raisonnement).

**Volet :** Cours magistral

**PSY 5505 Fondements de la psychologie cognitive (3 crédits)**

Analyse critique des courants de recherche en psychologie cognitive. Les thèmes abordés incluent : les architectures cognitives et leurs principes d'opération, l'interprétation des signaux sensoriels, l'attention, la mémoire, le langage, le calcul mental, le raisonnement et la résolution de problèmes.

**Volet :** Cours magistral

**PSY 5511 Théories de la personnalité (3 crédits)**

Principales théories contemporaines de la personnalité, depuis la psycho-analyse et la psychologie analytique jusqu'aux approches phénoménologiques et existentielles, le néo-behavioriste, sociale, dialectique, et autres.

**Volet :** Cours magistral

**PSY 5513 Fondements de la psychologie sociale (3 crédits)**

Examen critique des courants de recherche en psychologie sociale contemporaine. Les thèmes incluent les unités d'analyse en psychologie sociale, la formation et la fonction des attitudes, les stéréotypes, la motivation sociale, le leadership, les organisations sociales et les relations intergroupes.

**Volet :** Cours magistral

**PSY 5514 Fondements de la psychologie du développement (3 crédits)**

Analyse critique des courants de recherche en psychologie du développement. Examen des questions actuelles en développement émotionnel, cognitif et social, pendant l'enfance et l'adolescence, et évaluation des théories, mesures et méthodes de recherche.

**Volet :** Cours magistral

**PSY 5520 Statistique avancée en psychologie : Analyse de données univariées (3 crédits)**

Sujets abordés : modèles linéaires généraux de l'analyse de la variance et de la covariance, utilisation de techniques paramétriques, carré attendu et sélection des termes d'erreur, comparaisons multiples, analyse des tendances, pouvoir des tests statistiques. Autres sujets : plans expérimentaux factoriels dont les mesures répétées, la régression et l'analyse log linéaire.

**Volet :** Cours magistral

**PSY 5521 Statistique avancée en psychologie : Analyse de données multivariées (3 crédits)**

Analyse de variables dépendantes multiples par la modélisation en équations structurelles. Régression multiple, analyse causale, analyse factorielle, corrélation canonique, analyse discriminante et MANOVA. Utilisation de logiciels.

**Volet :** Cours magistral

Prerequisite: PSY 5120

**PSY 5525 Principes de neuropsychologie (3 crédits)**

Étude de la neuroanatomie fonctionnelle par le biais de la description de différents syndromes neurocomportementaux et déficits neuropsychologiques. Vue d'ensemble sur les fondements théoriques proposés pour chacun des troubles neuropsychologiques décrits. Les sujets traités incluent : histoire et principes de la neuropsychologie, neuroanatomie et neuropathologie, aphasie, apraxie, agnosie, alexie, agraphie, troubles visuo-spatiaux / perceptuels / constructifs déficits attentionnels et négligence, mémoire et apprentissage. Fonctions du système limbique, atteintes du corps calleux et fonctions exécutives.

**Volet :** Cours magistral

Préalable : une connaissance de la neuroanatomie.

**PSY 5533 Méthodes de recherche clinique (3 crédits)**

Application des méthodes scientifiques de recherche à la thèse envisagée par l'étudiant(e). Organisation d'un projet de thèse, incluant la revue de questions, l'articulation des hypothèses, l'échantillonnage et les outils de mesure. Attention spécifique aux méthodes employées pour évaluer la pratique clinique.

**Volet :** Cours magistral

Permission du Département est requise.

**PSY 5558 Practicum de recherche en relations interpersonnelles (3 crédits)**

Les étudiants et les professeurs réalisent des projets de recherche en collaboration sur l'entraînement de l'affirmation de soi et des habiletés sociales.

**Volet :** Cours magistral

**PSY 5602 Évaluation psychodiagnostique des adultes et des enfants (6 crédits)**

Évaluation du fonctionnement intellectuel, comportemental et émotionnel de l'enfant et de l'adulte. Évaluation, administration et interprétation de divers instruments. Intégration de données pour communication des résultats aux clientes et autres personnes (ex. parents, enseignants).

**Volet :** Cours magistral

**PSY 56021 Évaluation psychodiagnostique des adultes et des enfants (Partie 1 de 2)**

Évaluation du fonctionnement intellectuel, comportemental et émotionnel de l'enfant et de l'adulte. Évaluation, administration et interprétation de divers instruments. Intégration de données pour communication des résultats aux clientes et autres personnes (ex. parents, enseignants).

(Partie 1 de 2)

**Volet :** Cours magistral

**PSY 56022 Évaluation psychodiagnostique des adultes et des enfants (Partie 2 de 2) (6 crédits)**

Évaluation du fonctionnement intellectuel, comportemental et émotionnel de l'enfant et de l'adulte. Évaluation, administration et interprétation de divers instruments. Intégration de données pour communication des résultats aux clientes et autres personnes (ex. parents, enseignants).

(Partie 2 de 2)

**Volet :** Cours magistral

Préalable : PSY56021

**PSY 5607 Intervention et consultation psychologique (6 crédits)**

Développement des compétences de base d'intervention. Modèles d'intervention psychologique. Consultation avec des individus, des organisations, et des systèmes.

**Volet :** Cours magistral

**PSY 56071 Intervention et consultation psychologique (Partie 1 de 2)**

Développement des compétences de base d'intervention. Modèles d'intervention psychologique. Consultation avec des individus, des organisations, et des systèmes. (Partie 1 de 2)

**Volet :** Cours magistral

**PSY 56072 Intervention et consultation psychologique (Partie 2 de 2) (6 crédits)**

Développement des compétences de base d'intervention. Modèles d'intervention psychologique. Consultation avec des individus, des organisations, et des systèmes. (Partie 2 de 2)

**Volet :** Cours magistral

Préalable : PSY56071

**PSY 5824 Enjeux contemporains et compétences professionnelles dans les sciences psychologiques (6 crédits)**

Étude critique des questions contemporaines et des approches méthodologiques dans les sciences psychologiques à partir de la perspective de plusieurs traditions de recherche; développement de compétences professionnelles. Les activités en classe comprennent des conférences dans chacun de nos quatre domaines d'étude (neurosciences du comportement, cognition, psychologie du développement, psychologie sociale/communautaire). Des modules portant sur les compétences professionnelles et des ateliers sur les possibilités de carrière.

**Volet :** Cours magistral

Permission du Département est requise.

**PSY 58241 Enjeux contemporains et compétences professionnelles dans les sciences psychologiques (1 de 2)**

Étude critique des questions contemporaines et des approches méthodologiques dans les sciences psychologiques à partir de la perspective de plusieurs traditions de recherche; développement de compétences professionnelles. Les activités en classe comprennent des conférences dans chacun de nos quatre domaines d'étude (neurosciences du comportement, cognition, psychologie du développement, psychologie sociale/communautaire). Des modules portant sur les compétences professionnelles et des ateliers sur les possibilités de carrière. (Partie 1 de 2)

**Volet :** Cours magistral

Permission du Département est requise.

**PSY 58242 Enjeux contemporains et compétences professionnelles dans les sciences psychologiques (2 de 2) (6 crédits)**

Étude critique des questions contemporaines et des approches méthodologiques dans les sciences psychologiques à partir de la perspective de plusieurs traditions de recherche; développement de compétences professionnelles. Les activités en classe comprennent des conférences dans chacun de nos quatre domaines d'étude (neurosciences du comportement, cognition, psychologie du développement, psychologie sociale/communautaire). Des modules portant sur les compétences professionnelles et des ateliers sur les possibilités de carrière. (Partie 2 de 2)

**Volet :** Cours magistral

Préalable : PSY58241

**PSY 5911 Theories of Personality / Theories of Personality (3 crédits / 3 units)**

Analyse critique et comparative des principales théories de la personnalité, depuis la psychoanalyse et la psychologie analytique jusqu'aux approches phénoménologiques et existentielles, le néo-behavioriste, sociale, dialectique, et autres. / Contemporary personality theory and research concerning the structure, heritability, social and biological determinants, and social and psychiatric manifestation of fundamental personality traits.

**Volet / Course Component:** Cours magistral / Lecture

**PSY 5924 Principes de neuropsychologie / Principles of Neuropsychology (3 crédits / 3 units)**

Étude de la neuroanatomie fonctionnelle par le biais de la description de différents syndromes neurocomportementaux et déficits neuropsychologiques. Vue d'ensemble sur les fondements théoriques proposés pour chacun des troubles neuropsychologiques décrits. Les sujets traités incluent : histoire et principes de la neuropsychologie, neuroanatomie et neuropathologie, aphasie, apraxie, agnosie, alexie, agraphie, troubles visuo-spatiaux / perceptuels / constructifs déficits attentionnels et négligence, mémoire et apprentissage. fonctions du système limbique, atteintes du corps calleux et fonctions exécutives. / Focus on understanding brain behaviour relationships by examining major neurobehavioural syndromes and associated neuropsychological deficits. Review of the current theoretical assumptions underlying the syndromes. Topics include: History and principles of neuropsychology, gross neuroanatomy and neuropathology, aphasia, apraxia, agnosia, alexia, agraphia, visuo-spatial/perceptual/construction disorders, attention/neglect, memory and learning, limbic system functions, callosal syndromes, and executive functions.

**Volet / Course Component:** Cours magistral / Lecture

Prerequisite: knowledge of neuroanatomy.

**PSY 5958 Practicum de recherche en relations interpersonnelles / Practicum de recherche en relations interpersonnelles (3 crédits / 3 units)**

Les étudiants et les professeurs réalisent des projets de recherche en collaboration sur l'entraînement de l'affirmation de soi et des habiletés sociales. / Current research in assertion and social skills training is studied through student and staff participation in research projects.

**Volet / Course Component:** Cours magistral / Lecture

**PSY 6002 Practicum en recherche appliquée / Practicum in Applied Research (3 crédits / 3 units)**

Ce practicum de recherche doit se dérouler dans un milieu de recherche appliquée (ex. industrie pharmaceutique ou de haute technologie, service de gestion des ressources humaines, milieu hospitalier ou scolaire).

On reconnaît aux étudiants un total de 90 heures de travail dans un ou plusieurs projets de recherche liés à leur domaine de spécialisation. Ce practicum constitue une approximation d'un système co-op et fournit aux étudiants l'occasion de profiter d'une expérience dans le marché du travail et de mettre à l'épreuve la pertinence de leurs connaissances et de leurs habiletés. / This research practicum is to take place in an applied research setting off campus (e.g. pharmaceutical or high-technology industry, human resources management service, hospitals or school setting). Students are credited for a total of 90 hours of work on one or several research projects related to their area of expertise. This practicum is intended as an approximation of a co-op system whereby students have the opportunity to gain some experience in the work force and test the relevance of their knowledge base and skills.

**Volet / Course Component:** Stage / Work Term

Permission of the Department is required.

**PSY 6007 Practicum clinique / Clinical Practicum (1-99 crédit / 1-99 unit)**

Formation pratique : chaque période de 30 heures équivaut à 1 crédit. / Practical training: each 30 hour period is equivalent to 1 unit.

**Volet / Course Component:** Cours magistral / Lecture

**PSY 6008 Practicum clinique externe / External Clinical Practicum (1-99 crédit / 1-99 unit)**

Formation pratique : chaque période de 30 heures équivaut à 1 crédit. / Practical training: each 30 hour period is equivalent to 1 unit.

**Volet / Course Component:** Stage / Work Term

**PSY 6009 Practicum clinique externe avancé / Advanced External Clinical Practicum (1-99 crédit / 1-99 unit)**

Formation pratique : chaque période de 30 heures équivaut à 1 crédit. / Practical training: each 30 hour period is equivalent to 1 unit.

**Volet / Course Component:** Stage / Work Term

**PSY 6010 Practicum clinique interne avancé / Advanced Internal Clinical Practicum (1-99 crédit / 1-99 unit)**

Formation pratique : chaque période de 30 heures équivaut à 1 crédit. / Practical training: each 30 hour period is equivalent to 1 unit.

**Volet / Course Component:** Stage / Work Term

**PSY 6022 Stage consult.-clinique psychologie / Stage consult.-clinique psychologie (1-99 crédit / 1-99 unit)**

Formation pratique : chaque période de 30 heures équivaut à 1 crédit. / Practical training: each 30 hour period is equivalent to 1 unit.

**Volet / Course Component:** Stage / Work Term

**PSY 6032 Stage aux hôpitaux / Hospital Internship (1-99 crédit / 1-99 unit)**

Formation pratique : chaque période de 30 heures équivaut à 1 crédit. / Practical training: each 30 hour period is equivalent to 1 unit.

**Volet / Course Component:** Stage / Work Term

**PSY 6042 Practicum en recherche fondamentale / Practicum in Basic Research (3 crédits / 3 units)**

Conception et exécution, sous la direction d'un ou deux professeurs, d'un projet de recherche en dehors du domaine général de la thèse. Rédaction d'un article pour publication sur le projet incluant une analyse critique de la littérature scientifique pertinente. Noté S (satisfaisant) ou NS (non satisfaisant). / Under the guidance of one or two professors, design and implementation of a research project outside of the general area of the thesis. Preparation for publication of a paper based on the project, including a critical review of the relevant scientific literature. Graded S (Satisfactory) / NS (Not satisfactory).

**Volet / Course Component:** Cours magistral / Lecture

**PSY 60421 Practicum en recherche fondamentale (Partie 1 de 2) / Practicum in Basic Research (Part 1 of 2)**

Conception et exécution, sous la direction d'un ou deux professeurs, d'un projet de recherche en dehors du domaine général de la thèse. Rédaction d'un article pour publication sur le projet incluant une analyse critique de la littérature scientifique pertinente. Noté S (satisfaisant) ou NS (non satisfaisant). (Partie 1 de 2) / Under the guidance of one or two professors, design and implementation of a research project outside of the general area of the thesis. Preparation for publication of a paper based on the project, including a critical review of the relevant scientific literature. Graded S (Satisfactory) / NS (Not satisfactory). (Part 1 of 2)

**Volet / Course Component:** Cours magistral / Lecture



**PSY 60422 Practicum en recherche fondamentale (Partie 2 de 2) /  
Practicum in Basic Research (Part 2 of 2) (3 crédits / 3 units)**

Conception et exécution, sous la direction d'un ou deux professeurs, d'un projet de recherche en dehors du domaine général de la thèse. Rédaction d'un article pour publication sur le projet incluant une analyse critique de la littérature scientifique pertinente. Noté S (satisfaisant) ou NS (non satisfaisant). (Partie 2 de 2) / Under the guidance of one or two professors, design and implementation of a research project outside of the general area of the thesis. Preparation for publication of a paper based on the project, including a critical review of the relevant scientific literature. Graded S (Satisfactory) / NS (Not satisfactory). (Part 2 of 2)  
**Volet / Course Component:** Cours magistral / Lecture  
Prérequis : PSY60421 / Prerequisite: PSY60421

**PSY 6102 Social Development (3 units)**

A review of current issues in the literature on social development in childhood. Topics to include the development of attachment, influence of parents and peers, social competence, and social cognition.  
**Course Component:** Lecture

**PSY 6103 Socialization and Individual Differences (3 units)**

Review and critical evaluation of theoretical models and empirical research in the study of socialization, gender differences, and other individual differences during childhood and adolescence.  
**Course Component:** Lecture

**PSY 6105 Factor Analysis in Psychological Research (3 units)**

Focus on the underlying rationale, conceptual understanding, basic design requirements, mathematical/inferential procedures, and range of applications related to both exploratory and confirmatory factor analyses. Students are introduced to both the LISREL and EQS statistical packages and each factor analytic example studied is accompanied by required computer application work.  
**Course Component:** Lecture  
Prerequisite: PSY 5121

**PSY 6106 Evaluation of Psychotherapy and Behaviour Change (3 units)**

Historical perspectives and experimental designs in behaviour change research. Evaluation of therapy research. Evaluation of therapeutic outcomes. New directions in behaviour change research.  
**Course Component:** Lecture

**PSY 6107 Clinical Applications of Interpersonal Theory (3 units)**

Survey of the major interpersonal theories and introduction to the major assessment tools associated with these approaches. Applications of interpersonal theory to the treatment of specific clinical problems.  
**Course Component:** Lecture

**PSY 6109 Neurobehavioral Determinants of Motivation (3 units)**

Seminars on biological motivation, from behaviours essential to homeostasis to hedonic experiences, and on its roots from ontogenic evolution to phylogenetic development. The goal will be to describe the physiological mechanisms underlying individual behaviours and the governing principles that unify them.  
**Course Component:** Lecture

**PSY 6113 Rehabilitation Psychology (3 units)**

Introduction to the roles and functions of psychologists in medical rehabilitation and other rehabilitation settings, to acquaint students with the major assessment, intervention, and evaluation issues posed by chronic illness, disability, and handicaps.  
**Course Component:** Lecture

**PSY 6114 Cognitive Psychophysiology (3 units)**

Seminars on the neurophysiology of human behaviour. Selected topics for discussion include basic EEG and evoked potential recording techniques, measurement and analysis of EEG (e.g., filtering, spectral analysis), sensory and cognitive evoked potentials and their component structure, the timing of mental events, sources of influence on evoked potentials (e.g., attention, consciousness, lexical-semantic processing).  
**Course Component:** Lecture

**PSY 6115 Evolution of the Mind (3 units)**

Review of the historical foundation, concepts and principles associated with the evolution of the mind. Topics to include the evolution of cognitive abilities (e.g., memory, decision-making, language and communication) and social behaviour (e.g., cooperation, competition, aggression, parental behaviour, mate selection).  
**Course Component:** Lecture

**PSY 6116 Community Psychology (3 units)**

Study of the socio-historical context of community psychology. Values, paradigms, and objectives of community psychology. Community mental health, primary prevention, and intervention strategies.  
**Course Component:** Lecture

**PSY 6117 Comparative Cognition (3 units)**

Examination of the goals of comparative analysis of cognitive processes and the contribution of behavioural ecologists to the study of cognition in non-human species. Topics to include the dynamics of choice and timing, memory and place learning, and concept formation.  
**Course Component:** Lecture

**PSY 6118 Reasoning, Judgement and Decision (3 units)**

Seminars on causal reasoning, deductive and inductive inference, hypothesis formation and evaluation, probabilistic judgment, and covariation detection. Examination of these cognitive activities in the light of theoretical models based on various concepts such as logic, formal or natural, heuristics, or connectionist mechanisms.  
**Course Component:** Lecture

**PSY 6122 Clinical Health Psychology (3 units)**

Historical and theoretical foundations in Health Psychology. Health promotion issues and practices. Treatment of specific disorders. Role in the delivery of medical services.  
**Course Component:** Lecture

**PSY 6123 Psychosocial Stress Research (3 units)**

Constructs and measurements of stress and stressors. Critical analysis of theoretical models and empirical research of life events, cognitive appraisal, anticipation and coping strategies.  
**Course Component:** Lecture

**PSY 6126 Neuropsychological Assessment (3 units)**

**Course Component:** Lecture

**PSY 6127 Research Seminars in Social Psychology (3 units)**

Critical evaluation of studies in targeted domains of social psychology. Identification and evaluation of new orientations. Presentation and discussion of thesis projects and other personal research projects. Similarities and differences in the work of researchers working in academic and private sectors.  
**Course Component:** Lecture

**PSY 6132 Child Psychopathology (3 units)**

Patterns of child development and childhood psychopathology. Study of specific psychopathological conditions and implications for appropriate treatment.  
**Course Component:** Lecture

**PSY 6133 Ethics of Research in Psychology (3 units)**

Overview of the basic problems that pertain to the legitimacy of the practice of scientific psychology. Theoretical issues that pertain to philosophical ethics and pragmatic issues associated with ethical norms.

**Course Component:** Lecture

**PSY 6134 Test Construction and Psychometric Theory (3 units)**

Issues relevant to the design, construction, and validation of psychometric assessment devices with applications to research. Special topics to include item construction, open-ended items, multiple-choice items, applications of exploratory and confirmatory factor analysis, construct validity, measures of internal consistency and reliability, item analysis, and cross-linguistic adaptation of assessment devices.

**Course Component:** Lecture

**PSY 6143 Advanced Topics in Psychodiagnostic Assessment (3 units)**

Advanced seminars on current topics in Psychological Assessment such as: Diagnostic Interviewing with Children, Family Assessment, Behavioural Assessment, Neuropsychological Assessment, Consultation and Problem solving, etc.

**Course Component:** Lecture

**PSY 6144 Application of Microcomputers to Human Experimental Psychology (3 units)**

Use of micro-computers in behavioural data acquisition and file organization for purposes of statistical treatment. Subjects to be covered include: writing instructions for video display, video display techniques, techniques for recording answers, statistical properties of various answers. Applied assignments are important components of this course.

**Course Component:** Lecture

**PSY 6145 Cognitive Psychology of Language (3 units)**

This seminar studies the perceptual and cognitive processes underlying language behaviour. The course is divided into five parts: 1) introduction to the study of language behaviour; 2) language comprehension; 3) language production; 4) language acquisition; and 5) the relation between language and thought. The main objective is to survey contemporary knowledge of this field of research.

**Course Component:** Lecture

**PSY 6146 Social Psychology of Language (3 units)**

The study of language as an interactive communication process. Integrated review of the production and interpretation mechanisms as function of social and cognitive contexts. Analysis of the methodological problems posed by the study of interaction.

**Course Component:** Lecture

**PSY 6147 School Psychology (3 units)**

An introduction to models and methods for psychological interventions in the schools. Short-term interventions to improve attention, study behaviour, problem-solving and social interaction. Concepts of learning disabilities; design and evaluation of programs for the learning disabled.

**Course Component:** Lecture

**PSY 6151 Drugs and Behaviour (3 units)**

A study of current neurochemical and neuropharmacological techniques applicable to the study of normal and pathological behaviour. A critical evaluation of these techniques as they relate to animal and human behaviour.

**Course Component:** Lecture

**PSY 6152 Research and Application of Learning Principles (3 units)**

Recent development in classical and instrumental conditioning stimulus control, and aversively-motivated learning. Theoretical relevance of laboratory findings for application.

**Course Component:** Lecture

**PSY 6154 Child Psychotherapy (3 units)**

Nature of child psychotherapy. Historical development, methods, goals and values. Diagnosis and psychotherapy. Major schools of child psychotherapy. Research in child psychotherapy.

**Course Component:** Lecture

**PSY 6155 Applied Social Psychology in the Work Place (3 units)**

Seminars with simulations of problems people face in the work place. Topics for discussion include affirmative action, women in management, work/family conflict, corporate culture, quality of work life, flextime, psychological services in organizations, and program evaluation.

**Course Component:** Lecture

**PSY 6158 Research Methods in Social Psychology (3 units)**

Critical review of research methods used in social psychology and their applications in contemporary research. Elaboration of a research project on a social problem using different data collection methods.

**Course Component:** Lecture

**PSY 6166 Human and Social Motivation: Theory and Research (3 units)**

Epistemological, theoretical and experimental aspects of the concept of motivation as an explanatory construct of social behaviour. Study of its development.

**Course Component:** Lecture

**PSY 6167 Experimental Techniques in Sleep Research (3 units)**

Seminars/tutorials on the experimental techniques that apply to the psychophysiological and cognitive study of sleep. Selected topics to include the use of these techniques in the study of the time course of sleeping episodes, neurophysiological correlates of sleep stages, the phenomenon of dreaming, and sleep disorders.

**Course Component:** Lecture

**PSY 61671 Experimental Techniques in Sleep Research (Part 1 of 2)**

Seminars/tutorials on the experimental techniques that apply to the psychophysiological and cognitive study of sleep. Selected topics to include the use of these techniques in the study of the time course of sleeping episodes, neurophysiological correlates of sleep stages, the phenomenon of dreaming, and sleep disorders. (Part 1 of 2)

**Course Component:** Lecture

**PSY 61672 Experimental Techniques in Sleep Research (Part 2 of 2) (3 units)**

Seminars/tutorials on the experimental techniques that apply to the psychophysiological and cognitive study of sleep. Selected topics to include the use of these techniques in the study of the time course of sleeping episodes, neurophysiological correlates of sleep stages, the phenomenon of dreaming, and sleep disorders. (Part 2 of 2)

**Course Component:** Lecture

Prerequisite: PSY61671

**PSY 6168 Computer Simulation of Cognitive Processes (3 units)**

Overview of the main computer simulation techniques of cognitive processes with hands-on exercises on the microcomputer. Detailed analysis of object-oriented programming and its potential as a simulation tool in cognitive science.

**Course Component:** Lecture

**PSY 6170 Ethics and Professional Issues (3 units)**

Systematic review of ethical principles, codes of ethics and standards of practice related to the psychological enterprise in research and clinical practice. Introduction to the organization of psychology as a profession and to recent professional issues.

**Course Component:** Lecture

**PSY 6176 Clinical Geropsychology (3 units)**

Normal aspects of physical and psychological aging, psychological assessment and interventions with older adults.

**Course Component:** Lecture

**PSY 6182 Psychology and Health (3 units)**

Psychosocial factors in physical and mental health. Bio-psycho-social approach. Notions of epidemiology, Risk, maintenance, and remission factors. Intervention strategies.

**Course Component:** Lecture

**PSY 6190 Counselling With Dying and Bereaved (3 units)**

Phases of dying and bereavement, normal and abnormal. Counseling the patient, the family. Development of the concept of death; how to deal with dying or bereaved children, adolescents. Euthanasia, untimely deaths, etc.

**Course Component:** Lecture

**PSY 6191 Seminars in Psychology (3 units)**

Selected topics on contemporary psychology presented and discussed as graduate seminars.

**Course Component:** Lecture

**PSY 6201 Basics of Neuroscience (6 units)**

Comprehensive neuroscience course from the membrane and the cellular levels through the behavioural aspects of invertebrates and vertebrates. Lectures and tutorials on aspects of neuroscience such as neuroanatomy, neurophysiology, behavioural neuroscience and neuropharmacology.

**Course Component:** Lecture

Permission of the Department is required.

**PSY 6202 Advanced Seminar in Behavioural Neuroscience (6 units)**

Advanced seminar course integrating behavioural analyses with aspects of neural circuits mediating and regulating these behaviours.

**Course Component:** Lecture

Prerequisite: Adequacy in background knowledge as assessed by one of the coordinators prior to commencement of course.

**PSY 6391 Psychophysiology of Individual Differences (3 units)**

Seminar/tutorial examining psychophysiological research on the nature of individual differences in personality, intelligence and learning disabilities.

**Course Component:** Lecture

**PSY 6442 Field Work in Psychology (1 unit)**

**Course Component:** Lecture

**PSY 6452 Internship College Counselling (1 unit)**

**Course Component:** Lecture

**PSY 6502 Développement émotionnel (3 crédits)**

Les courants de recherche les plus récents dans les différents domaines du développement émotionnel. Accent sur l'ontogénèse des émotions et leur rôle dans le développement humain, la représentation des états émotionnels, la socialisation des émotions, la régulation des comportements expressifs, le décodage des comportements expressifs et les déterminants cognitifs des émotions.

**Volet :** Cours magistral

**PSY 6506 Développement cognitif (3 crédits)**

Examen des approches théoriques actuelles dans le domaine du développement cognitif. Approches considérées : la théorie gibsonienne, la théorie de la pensée, l'approche néo-piagétienne et les théories du traitement de l'information.

**Volet :** Cours magistral

**PSY 6507 Applications cliniques de la théorie interpersonnelle (3 crédits)**

Examen des principales théories interpersonnelles et initiation aux principaux outils d'évaluation liés à ces approches. Applications de la théorie interpersonnelle au traitement de problèmes spécifiques.

**Volet :** Cours magistral

**PSY 6509 Déterminants neurocomportementaux de la motivation (3 crédits)**

Séminaires sur la motivation biologique, des comportements essentiels à l'équilibre homéostatique aux expériences hédoniques, et sur ses origines ontogénétiques aussi bien que phylogénétiques. L'objectif principal poursuivi sera de décrire les mécanismes physiologiques sous-jacents aux comportements individuels ainsi que leurs principes unificateurs.

**Volet :** Cours magistral

**PSY 6514 Psychophysologie cognitive (3 crédits)**

Séminaires sur la neurophysiologie du comportement humain. Sujets abordés : les techniques d'enregistrement du EEG et des potentiels évoqués, la mesure et l'analyse du EEG (ex. filtrage, analyse spectrale), potentiels évoqués liés à des événements sensoriels ou cognitifs, le cours temporel des événements mentaux, les sources d'influence sur les potentiels évoqués (ex. l'attention, la conscience, le traitement lexico-sémantique).

**Volet :** Cours magistral

**PSY 6515 Évolution de la pensée (3 crédits)**

Retour sur les fondements historiques, les concepts et principes liés à l'évolution de la pensée. Les thèmes incluent l'évolution des habiletés cognitives (ex. la mémoire, la prise de décision, le langage et la communication) et du comportement social (ex. la coopération, la compétition, l'agression, le comportement parental, la sélection des partenaires).

**Volet :** Cours magistral

**PSY 6516 Psychologie communautaire (3 crédits)**

Étude du contexte socio-historique de la psychologie communautaire. Ses valeurs, ses paradigmes et ses objectifs. La santé mentale communautaire, la prévention primaire, et les stratégies d'intervention.

**Volet :** Cours magistral

**PSY 6517 Cognition comparée (3 crédits)**

Examen des objectifs de l'analyse comparée des processus cognitifs et de la contribution de l'écologie du comportement dans l'étude de la cognition chez les espèces non humaines. Les thèmes incluent la dynamique des choix et de la coordination temporelle, la mémoire et l'apprentissage des lieux, la formation des concepts.

**Volet :** Cours magistral

**PSY 6518 Le raisonnement, le jugement et la prise de décision (3 crédits)**

Séminaires sur le raisonnement causal, l'inférence déductive et inductive, la formation et l'évaluation d'hypothèses, le jugement probabiliste et la détection des covariations. Examen de ces activités cognitives à la lumière de modèles théoriques faisant appel à des concepts variés tels que la logique, formelle ou naturelle, les processus heuristiques ou les mécanismes connexionnistes.

**Volet :** Cours magistral

**PSY 6522 Psychologie clinique de la santé (3 crédits)**

Bases historiques et théoriques en psychologie de la santé. Questions probantes et pratiques en matière de promotion de la santé. Traitement de troubles spécifiques. Rôle dans la livraison de services médicaux.

**Volet :** Cours magistral

**PSY 6523 Recherche sur le stress psychosocial (3 crédits)**

Concepts et mesures du stress et des stressés. Analyse critique des modèles théoriques et des recherches empiriques concernant les événements de la vie, l'appréhension cognitive, les stratégies d'anticipation et de gestion du stress.

**Volet :** Cours magistral

**PSY 6526 Évaluation neuropsychologique (3 crédits)**

Le côté théorique et pratique de l'évaluation neuropsychologique. L'entrevue neuropsychologique; les facteurs pouvant affecter la validité de l'examen; les théories et les substrats neuroanatomiques de différentes fonctions cognitives (ex. l'attention, la perception visuo-spatiale, le langage, les fonctions exécutives, l'apprentissage et la mémoire); désordres neuropsychologiques communs.

**Volet :** Cours magistral

**PSY 6527 Séminaires de recherche en psychologie sociale (3 crédits)**

Étude critique des recherches dans des domaines ciblés de la psychologie sociale. Identification et évaluation d'orientations nouvelles. Présentation et discussion du projet de thèse et d'autres travaux de recherche personnels. Similitudes et différences dans le travail des chercheurs oeuvrant dans les secteurs universitaire et privé.

**Volet :** Cours magistral

**PSY 6532 Psychopathologie de l'enfant (3 crédits)**

Le développement normal de l'enfant et la psychopathologie de l'enfant. Diverses formes de psychopathologie et implications au plan thérapeutique.

**Volet :** Cours magistral

**PSY 6533 Éthique de la recherche en psychologie (3 crédits)**

Tour d'horizon des problèmes fondamentaux liés à la légitimité de la pratique de la psychologie scientifique. Questions théoriques relevant de l'éthique philosophique aux questions pragmatiques associées aux codes déontologiques.

**Volet :** Cours magistral

**PSY 6534 Construction de tests et théorie psychométrique (3 crédits)**

Sujets afférents à la planification, la construction et la validation d'un instrument de mesure dans le cadre de son application à la recherche. Thèmes spécifiques comprenant la conception d'items, les questions à réponse construite, les questions à réponse choisie, les applications de l'analyse factorielle exploratoire et confirmatoire, la validité théorique, les mesures de cohérence interne et de fidélité, l'analyse d'items et l'adaptation interlinguistique des instruments de mesure.

**Volet :** Cours magistral

**PSY 6544 Applications de la micro-informatique à la psychologie expérimentale humaine (3 crédits)**

Utilisation des micro-ordinateurs dans l'acquisition des données comportementales et organisation des fichiers de données pour le traitement statistique. Sujets abordés : la rédaction de consignes adaptées à l'affichage vidéographique, les techniques d'affichage vidéographique, les techniques d'enregistrement des réponses, les propriétés statistiques de divers types de réponses. Les travaux pratiques constituent une composante importante de ce cours.

**Volet :** Cours magistral

**PSY 6545 Psychologie cognitive du langage (3 crédits)**

Ce séminaire étudie les processus perceptuels et cognitifs sous-jacents au comportement langagier. Le cours est divisé en cinq parties : 1) une introduction à l'étude du comportement langagier; 2) la compréhension du langage; 3) la production du langage; 4) l'acquisition du langage; et 5) la relation entre langage et pensée. L'objectif principal du cours est de faire un bref bilan de l'état actuel des connaissances sur les sujets abordés.

**Volet :** Cours magistral

**PSY 6546 Psychologie sociale du langage (3 crédits)**

Étude du langage en tant que processus interactif de communication. Revue intégrée des processus de production et d'interprétation en fonction des contextes sociaux et cognitifs. Analyse des problèmes méthodologiques spécifiques à l'étude de l'interaction.

**Volet :** Cours magistral

**PSY 6547 Psychologie scolaire (3 crédits)**

Introduction aux modèles et méthodes d'interventions psychologiques en milieu scolaire. Interventions à court terme pour améliorer l'attention, le travail scolaire, la résolution de problèmes et les interactions sociales. Notions de difficultés d'apprentissage; élaboration et évaluation de programmes destinés à ceux qui ont des difficultés d'apprentissage.

**Volet :** Cours magistral

**PSY 6551 Drogues et comportement (3 crédits)**

Les techniques neurochimiques et neuropharmacologiques utiles à l'étude du comportement normal et pathologique. Évaluation critique des techniques appliquées au comportement animal et humain.

**Volet :** Cours magistral

**PSY 6552 La recherche sur les principes d'apprentissage et leurs applications (3 crédits)**

Développements récents en matière de conditionnement classique et instrumental, du contrôle du stimulus et de l'apprentissage aversif. Implications théoriques de données expérimentales récentes.

**Volet :** Cours magistral

**PSY 6555 Psychologie sociale appliquée au monde du travail (3 crédits)**

Séminaires accompagnés de simulations des problèmes éprouvés dans le monde du travail. Sujets de discussion : l'action affirmative, les femmes et la gestion, les conflits entre travail et famille, la culture des grandes sociétés, la qualité de vie au travail, les horaires de travail flexibles, les services psychologiques dans les grandes sociétés et l'évaluation de programme.

**Volet :** Cours magistral

**PSY 6558 Méthodes de recherche en psychologie sociale (3 crédits)**

Étude critique des différentes méthodes de recherche et de leur mise en oeuvre dans la recherche contemporaine en psychologie sociale. Élaboration d'un projet d'étude sur une question sociale spécifique et application de différentes méthodes de collecte des données.

**Volet :** Cours magistral

**PSY 6566 Motivation humaine et sociale : Théories et recherche (3 crédits)**

Aspects épistémologiques, théoriques et expérimentaux du concept de motivation en tant que déterminant du comportement social. Étude de son développement.

**Volet :** Cours magistral

**PSY 6567 Techniques expérimentales en recherche sur le sommeil (3 crédits)**

Séminaires/tutoriels sur les techniques expérimentales pertinentes à l'étude psychophysique et cognitive du sommeil. Sujets abordés : l'application de ces techniques à l'étude du cours temporel des épisodes de sommeil, des corrélats neurophysiologiques des stades du sommeil, du phénomène du rêve et des troubles du sommeil.

**Volet :** Cours magistral

**PSY 6568 Simulation informatique des processus cognitifs (3 crédits)**

Tour d'horizon des principales techniques de simulation informatique des processus cognitifs, avec exercices pratiques sur micro-ordinateur. Analyse détaillée de la programmation axée sur l'objet et de son potentiel comme outil de simulation en sciences de la cognition.

**Volet :** Cours magistral

**PSY 6570 Déontologie et questions professionnelles (3 crédits)**

Revue systématique des principes déontologiques, des codes d'éthique et des standards de pratique reliés à l'entreprise psychologique en recherche et pratique clinique. Introduction à l'organisation de la psychologie en tant que profession ainsi qu'à des questions professionnelles courantes.

**Volet :** Cours magistral

**PSY 6576 Psychologie clinique de la personne âgée (3 crédits)**

Les aspects normaux du vieillissement physique et psychologique, l'évaluation psychologique et les interventions psychologiques auprès des personnes âgées.

**Volet :** Cours magistral

**PSY 6582 La psychologie et la santé (3 crédits)**

Facteurs psychosociaux dans la santé mentale et physique. Approche biopsychosociale. Notions d'épidémiologie. Facteurs de risque, de maintien et de rémission. Stratégies d'intervention.

**Volet :** Cours magistral

**PSY 6591 Séminaire en psychologie (3 crédits)**

Sujets choisis de psychologie contemporaine présentés et discutés en séminaires au niveau gradué.

**Volet :** Cours magistral

**PSY 6601 Fondements de la neuroscience (6 crédits)**

Cours de synthèse portant sur l'ensemble de la neuroscience, du niveau membranaire au niveau cellulaire incluant l'étude du comportement des invertébrés et des vertébrés. Cours magistraux et travaux dirigés sur divers aspects de la neuroscience et la neuropharmacologie du comportement.

**Volet :** Cours magistral

**PSY 6901 Déterminants neurocomportementaux de la motivation / Neurobehavioral Determinants of Motivation (3 crédits / 3 units)**

Séminaires sur la motivation biologique, des comportements essentiels à l'équilibre homéostatique aux expériences hédoniques, et sur ses origines ontogénétiques aussi bien que phylogénétiques. L'objectif principal poursuivi sera de décrire les mécanismes physiologiques sous-jacents aux comportements individuels ainsi que leurs principes unificateurs. / Seminars on biological motivation, from behaviours essential to homeostasis to hedonic experiences, and on its roots from ontogenic evolution to phylogenetic development. The goal will be to describe the physiological mechanisms underlying individual behaviours and the governing principles that unify them.

**Volet / Course Component:** Cours magistral / Lecture

**PSY 6903 Psychophysique cognitive / Cognitive Psychophysiology (3 crédits / 3 units)**

Séminaires sur la neurophysiologie du comportement humain. Sujets abordés : les techniques d'enregistrement du EEG et des potentiels évoqués, la mesure et l'analyse du EEG (ex. filtrage, analyse spectrale), potentiels évoqués liés à des événements sensoriels ou cognitifs, le cours temporel des événements mentaux, les sources d'influence sur les potentiels évoqués (ex. l'attention, la conscience, le traitement lexico-sémantique). / Seminars on the neurophysiology of human behaviour. Selected topics for discussion include basic EEG and evoked potential recording techniques, measurement and analysis of EEG (e.g., filtering, spectral analysis), sensory and cognitive evoked potentials and their component structure, the timing of mental events, sources of influence on evoked potentials (e.g., attention, consciousness, lexical-semantic processing).

**Volet / Course Component:** Cours magistral / Lecture

**PSY 6904 Évolution de la pensée / Evolution of the Mind (3 crédits / 3 units)**

Retour sur les fondements historiques, les concepts et principes liés à l'évolution de la pensée. Les thèmes incluent l'évolution des habiletés cognitives (ex. la mémoire, la prise de décision, le langage et la communication) et du comportement social (ex. la coopération, la compétition, l'agression, le comportement parental, la sélection des partenaires). / Review of the historical foundation, concepts and principles associated with the evolution of the mind. Topics to include the evolution of cognitive abilities (e.g., memory, decision-making, language and communication) and social behaviour (e.g., cooperation, competition, aggression, parental behaviour, mate selection).

**Volet / Course Component:** Cours magistral / Lecture

**PSY 6905 Psychologie communautaire / Community Psychology (3 crédits / 3 units)**

Étude du contexte sociohistorique de la psychologie communautaire. Valeurs, paradigmes et objectifs. Santé mentale communautaire, prévention primaire, et stratégies d'intervention. / Socio-historical context of community psychology. Values, paradigms, and objectives. Community mental health, primary prevention and intervention strategies.

**Volet / Course Component:** Cours magistral / Lecture

**PSY 6906 Cognition comparée / Comparative Cognition (3 crédits / 3 units)**

Examen des objectifs de l'analyse comparée des processus cognitifs et de la contribution de l'écologie du comportement dans l'étude de la cognition chez les espèces non humaines. Les thèmes incluent la dynamique des choix et de la coordination temporelle, la mémoire et l'apprentissage des lieux, la formation des concepts. / Examination of the goals of comparative analysis of cognitive processes and the contribution of behavioural ecologists to the study of cognition in non-human species. Topics to include the dynamics of choice and timing, memory and place learning, and concept formation.

**Volet / Course Component:** Cours magistral / Lecture

**PSY 6918 Le raisonnement, le jugement et la prise de décision / Reasoning, Judgement and Decision Making (3 crédits / 3 units)**

Séminaires sur le raisonnement causal, l'inférence déductive et inductive, la formation et l'évaluation d'hypothèses, le jugement probabiliste et la détection des covariations. Examen de ces activités cognitives à la lumière de modèles théoriques faisant appel des concepts variés tels que la logique, formelle ou naturelle, les processus heuristiques ou les mécanismes connexionnistes. / Seminars on causal reasoning, deductive and inductive inference, hypothesis formation and evaluation, probabilistic judgement, and covariation detection. Examination of these cognitive activities in the light of theoretical models based on various concepts such as logic, formal or natural, heuristics, or connectionist mechanisms.

**Volet / Course Component:** Cours magistral / Lecture

**PSY 6920 Psychologie clinique de la santé / Clinic Health Psychology (3 crédits / 3 units)**

Bases historiques et théoriques en psychologie de la santé. Questions probantes et pratiques en matière de promotion de la santé. Traitement de troubles spécifiques. Rôle dans la livraison de services médicaux. / Historical and theoretical foundations in Health Psychology. Health promotion issues and practices. Treatment of specific disorders. Role in the delivery of medical services.

**Volet / Course Component:** Cours magistral / Lecture

**PSY 6923 Recherches sur le stress psychosocial / Psychosocial Stress Research (3 crédits / 3 units)**

Concepts et mesures du stress et des stresseurs. Analyse critique des modèles théoriques et des recherches empiriques concernant les événements de la vie, l'appréhension cognitive, les stratégies d'anticipation et de gestion du stress. / Constructs and measurements of stress and stressors. Critical analysis of theoretical models and empirical research of life events, cognitive appraisal, anticipation and coping strategies.

**Volet / Course Component:** Cours magistral / Lecture

**PSY 6926 Évaluation neuropsychologique / Neuropsychological Assessment (3 crédits / 3 units)**

**Volet / Course Component:** Cours magistral / Lecture

**PSY 6927 Séminaires de recherche en psychologie sociale / Research Seminars in Social Psychology (3 crédits / 3 units)**

Étude critique des recherches dans des domaines ciblés de la psychologie sociale. Identification et évaluation d'orientations nouvelles. Présentation et discussion du projet de thèse et d'autres travaux de recherche personnels. Similitudes et différences dans le travail des chercheurs oeuvrant dans les secteurs universitaire et privé. / Critical evaluation of studies in targeted domains of social psychology. Identification and evaluation of new orientations. presentation and discussion of thesis project and other personal research projects. Similarities and differences in the work of researchers working in academic and private sectors.

**Volet / Course Component:** Cours magistral / Lecture

**PSY 6930 Éthique de la recherche en psychologie / Ethics of Research in Psychology (3 crédits / 3 units)**

Tour d'horizon des problèmes fondamentaux liés à la légitimité de la pratique de la psychologie scientifique. Questions théoriques relevant de l'éthique philosophique aux questions pragmatiques associées aux codes déontologiques. / Overview of the basic problems that pertain to the legitimacy of the practice of scientific psychology. Theoretical issues that pertain to philosophical ethics and pragmatic issues associated with ethical norms.

**Volet / Course Component:** Cours magistral / Lecture

**PSY 6931 Construction de tests et théorie psychométrique / Test Construction and Psychometric Theory (3 crédits / 3 units)**

Sujets afférents à la planification, la construction et la validation d'un instrument de mesure dans le cadre de son application à la recherche. Thèmes spécifiques comprenant la conception d'items, les questions à réponse construite, les questions à réponse choisie, les applications de l'analyse factorielle exploratoire et confirmatoire, la validité théorique, les mesures de cohérence interne et de fidélité, l'analyse d'items et l'adaptation interlinguistique des instruments de mesure. / Issues relevant to the design, construction, and validation of psychometric assessment devices with applications to research. Special topics to include item construction, open-ended items, multiple-choice items, applications of exploratory and confirmatory factor analysis, construct validity, measures of internal consistency and reliability, item analysis, and cross-linguistic adaption of assessment devices.

**Volet / Course Component:** Cours magistral / Lecture

**PSY 6932 Psychopathologie de l'enfant / Child Psychopathology (3 crédits / 3 units)**

Le développement normal de l'enfant et la psychopathologie de l'enfant. Diverses formes de psychopathologie et implications au plan thérapeutique. / Patterns of child development and childhood psychopathology. Study of specific psychopathological conditions and implications for appropriate treatment.

**Volet / Course Component:** Cours magistral / Lecture

**PSY 6941 Applications de la micro-informatique à la psychologie expérimentale humaine / Application of Microcomputers to Human Experimental Psychology (3 crédits / 3 units)**

Utilisation des micro-ordinateurs dans l'acquisition des données comportementales et organisation des fichiers de données pour le traitement statistique. Sujets abordés : la rédaction de consignes adaptées à l'affichage vidéographique, les techniques d'affichage vidéographique, les techniques d'enregistrement des réponses, les propriétés statistiques de divers types de réponses. Les travaux pratiques constituent une composante importante de ce cours. / Use of micro-computers in behavioural data acquisition and file organization for purposes of statistical treatment. Subjects to be covered include: writing instructions for video display, video display techniques, techniques for recording answers, statistical properties of various answers. Applied assignments are important components of this course.

**Volet / Course Component:** Cours magistral / Lecture

**PSY 6945 Psychologie cognitive du langage / Cognitive Psychology of language (3 crédits / 3 units)**

Ce séminaire étudie les processus perceptuels et cognitifs sous-jacents au comportement langagier. Le cours est divisé en cinq parties : 1) une introduction à l'étude du comportement langagier; 2) la compréhension du langage; 3) la production du langage; 4) l'acquisition du langage; et 5) la relation entre langage et pensée. L'objectif principal du cours est de faire un bref bilan de l'état actuel des connaissances sur les sujets abordés. / This seminar studies the perceptual and cognitive processes underlying language behaviour. The course is divided into five parts: 1) introduction to the study of language behaviour; 2) language comprehension; 3) language production; 4) language acquisition; and 5) the relation between language and thought. The main objective is to survey contemporary knowledge of this field of research.

**Volet / Course Component:** Cours magistral / Lecture

**PSY 6946 Psychologie sociale du langage / Social Psychology of Language (3 crédits / 3 units)**

Étude du langage en tant que processus interactif de communication. Revue intégrée des processus de production et d'interprétation en fonction des contextes sociaux et cognitifs. Analyse des problèmes méthodologiques spécifiques à l'étude de l'interaction. / The study of language as an interactive communication process. Integrated review of the production and interpretation mechanisms as a function of social and cognitive contexts. Analysis of the methodological problems posed by the study of interaction.

**Volet / Course Component:** Cours magistral / Lecture

**PSY 6947 Psychologie scolaire / School Psychology (3 crédits / 3 units)**

Introduction aux modèles et méthodes d'interventions psychologiques en milieu scolaire. Interventions à court terme pour améliorer l'attention, le travail scolaire, la solution de problèmes et les interactions sociales. Notions de difficultés d'apprentissage; élaboration et évaluation de programmes destinés à ceux qui ont des difficultés d'apprentissage. / An introduction to models and methods for psychological interventions in the schools. Short-term interventions to improve attention, study behaviour, problem solving and social interaction. Concepts of learning disabilities; design and evaluation of programs for the learning disabled.

**Volet / Course Component:** Cours magistral / Lecture

**PSY 6951 Drogues / Seminar in Neuropharmacology and Behavior (3 crédits / 3 units)**

Les techniques neurochimiques et neuropharmacologiques utiles à l'étude du comportement normal et pathologique. Évaluation critique des techniques appliquées au comportement animal et humain. / A study of current neurochemical and neuropharmacological techniques applicable to the study of normal and pathological behaviour. A critical evaluation of these techniques as they relate to animal and human behaviour.

**Volet / Course Component:** Cours magistral / Lecture

**PSY 6952 Recherche sur les principes d'apprentissage et les applications / Research and Applications of Learning Principles (3 crédits / 3 units)**

Développements récents en matière de conditionnement classique et instrumental, du contrôle du stimulus et de l'apprentissage aversif. Implications théoriques de données expérimentales récentes. / Recent development in classical and instrumental conditioning stimulus control, and aversively-motivated learning. Theoretical relevance of laboratory findings for application.

**Volet / Course Component:** Cours magistral / Lecture

**PSY 6954 Psychologie sociale appliquée au monde du travail / Applied Social Psychology in the Work Place (3 crédits / 3 units)**

Séminaires accompagnés de simulations des problèmes éprouvés dans le monde du travail. Sujets de discussion : l'action affirmative, les femmes et la gestion, les conflits entre travail et famille, la culture des grandes sociétés, la qualité de vie au travail, les horaires de travail flexibles, les services psychologiques dans les grandes sociétés et l'évaluation de programme. / Topics for discussion include affirmative action, women in management, work/family conflict, corporate culture, quality of work life, flexitime, psychological services in organizations, and program evaluation.

**Volet / Course Component:** Cours magistral / Lecture

**PSY 6958 Méthodes de recherche en psychologie sociale / Research Methods in Social Psychology (3 crédits / 3 units)**

Étude critique des différentes méthodes de recherche et de leur mise en oeuvre dans la recherche contemporaine en psychologie sociale. Élaboration d'un projet d'étude sur une question sociale spécifique et application de différentes méthodes de collecte des données. / Critical review of research methods used in social psychology and their applications in contemporary research. Elaboration of a research project on a social problem using different data collection methods.

**Volet / Course Component:** Cours magistral / Lecture

**PSY 6962 Motivation humaine et sociale : Théories et recherches / Human and Social Motivation: Theory and Research (3 crédits / 3 units)**

Aspects épistémologiques, théoriques et expérimentaux du concept de motivation en tant que déterminant du comportement social. Étude de son développement. / Epistemological, theoretical and experimental aspects of the concept of motivation as an explanatory construct of social behaviour. Study of its development.

**Volet / Course Component:** Cours magistral / Lecture

**PSY 6963 Techniques expérimentales en recherche sur le sommeil / Experimental Techniques in Sleep Research (3 crédits / 3 units)**

Séminaires/tutoriels sur les techniques expérimentales pertinentes à l'étude psychophysique et cognitive du sommeil. Sujets abordés : l'application de ces techniques à l'étude du cours temporel des épisodes de sommeil, des corrélats neurophysiologiques des stades du sommeil, du phénomène du rêve et des troubles du sommeil. / Seminars/ tutorials on the experimental techniques that apply to the psychophysiological and cognitive study of sleep. Selected topics to include the use of these techniques in the study of the time course of sleeping episodes, neurophysiological correlates of sleep stages, the phenomenon of dreaming, and sleep disorders.

**Volet / Course Component:** Cours magistral / Lecture

**PSY 6964 Simulation informatique des processus cognitifs / Computer Simulation of Cognitive Processes (3 crédits / 3 units)**

Tour d'horizon des principales techniques de simulation informatique des processus cognitifs, avec exercices pratiques sur micro-ordinateur. Analyse détaillée de la programmation axée sur l'objet et de son potentiel comme outil de simulation en sciences de la cognition. / Overview of the main computer simulation techniques of cognitive processes with hands-on exercises on the microcomputer. Detailed analysis of object-oriented programming and its potential as a simulation tool in cognitive science.

**Volet / Course Component:** Cours magistral / Lecture

**PSY 6975 Psychologie clinique de la personne âgée / Clinical Geropsychology (3 crédits / 3 units)**

Les aspects normaux du vieillissement physique et psychologique, l'évaluation psychologique et les interventions psychologiques auprès des personnes âgées. / Normal aspects of physical and psychological aging, psychological assessment and interventions with older adults.

**Volet / Course Component:** Cours magistral / Lecture

**PSY 6982 La psychologie et la santé / Psychology and Health (3 crédits / 3 units)**

Facteurs psychosociaux dans la santé mentale et physique. Approche biopsychosociale. Notions d'épidémiologie. Facteurs de risque, de maintien et de rémission. Stratégies d'intervention. / Psychosocial factors in physical and mental health. Bio-Psycho-Social approach. Notions of epidemiology. Risk, maintenance, and remission factors. Intervention strategies.

**Volet / Course Component:** Cours magistral / Lecture

**PSY 6991 Séminaires en psychologie / Psychology Seminars (3 crédits / 3 units)**

Sujets choisis de psychologie contemporaine présentés et discutés en séminaires au niveau supérieur. / Selected topics on contemporary psychology presented and discussed as graduate seminars.

**Volet / Course Component:** Cours magistral / Lecture

**PSY 69911 Séminaires en psychologie (Partie 1 de 2) / Psychology Seminars (Part 1 of 2)**

Sujets choisis de psychologie contemporaine présentés et discutés en séminaires au niveau supérieur. (Partie 1 de 2) / Selected topics on contemporary psychology presented and discussed as graduate seminars. (Part 1 of 2)

**Volet / Course Component:** Cours magistral / Lecture

**PSY 69912 Séminaire de psychologie (Partie 2 de 2) / Psychology Seminars (Part 2 of 2) (3 crédits / 3 units)**

Sujets choisis de psychologie contemporaine présentés et discutés en séminaires au niveau supérieur. (Partie 2 de 2) / Selected topics on contemporary psychology presented and discussed as graduate seminars. (Part 2 of 2)

**Volet / Course Component:** Cours magistral / Lecture

**PSY 7101 Causal Modeling in Psychological Research (3 units)**

Focus on the conceptual framework and analytic procedures associated with causal modeling, as it relates to psychological research. Specific applications include path analysis based on both multiple regression and analysis of covariance structures, and full structural equation modeling applied to cross-sectional as well as longitudinal designs. Each example studied is accompanied by required computer application work.

**Course Component:** Lecture

Prerequisite: PSY 6105 Factor Analysis in Psychological Research.

**PSY 7102 Field Research in Social and Community Interventions (3 units)**

Practical experience in carrying out applied research and program evaluation in a community agency or organization.

**Course Component:** Lecture

Prerequisite: PSY 7103

**PSY 7103 Program Evaluation (3 units)**

Concept of a health service program. Evaluation in relation to the development of health service programs. Organizational context of evaluation. Needs assessment and community program planning. Evaluation of program outcomes. Evaluation of service quality.

**Course Component:** Lecture

**PSY 7104 Systemic Therapy (3 units)**

An introduction to concepts and practices in systemic therapy that may be used with individuals, couples or families. Emphasis on the context of problems and therapeutic practices enabling clients to have more choices in their lives.

**Course Component:** Lecture

**PSY 7105 Evidence-Based Psychological Services for Children, Adolescents, Families (3 units)**

Core skills in the provision of evidence-based psychological services for a range of psychological problems in children and youth. The therapeutic relationship with children, adolescents, and their parents.

**Course Component:** Lecture

**PSY 7106 Seminars in General Psychology (3 units)**

Research topics are regularly reported and studied by staff members and occasionally with visiting researchers.

**Course Component:** Lecture

**PSY 7107 Psychology of the Family (3 units)**

Examination of the empirical literature on how families deal with normative and non-normative life transitions across the family life cycle, with discussion of major challenges facing families.

**Course Component:** Lecture

**PSY 7108 Multicultural Clinical Psychology (3 units)**

Issues related to the assessment and treatment of multicultural populations. Theoretical frameworks and practical aspects of multicultural counseling.

**Course Component:** Lecture

**PSY 7109 Psychological Effects and Treatment of Trauma (3 units)**

Theoretical, empirical, and clinical aspects of traumas such as sexual or physical abuse, violent crime, torture, or war experiences. Effects of trauma, including post-traumatic stress disorder, the assessments of such effects, and methods of treatment.

**Course Component:** Lecture

**PSY 7112 Research Seminars in Contemporary Psychology (3 units)**

Advanced seminars offered on different topics each year.

**Course Component:** Lecture

**PSY 7114 Seminars in Professional Psychology (3 units)**

Advanced Seminars offered on different topics each year.

**Course Component:** Lecture

**PSY 7123 Cognitive and Behaviour Therapy (3 units)**

Critical review of contemporary theories and practices in cognitive-behaviour therapy with a focus on depression and anxiety disorders.

**Course Component:** Lecture

**PSY 7124 Couples Therapy (3 units)**

The integrative trend in contemporary couples therapy: cognitive-affective, behavioural and systems interventions. The antecedents: psychoanalysis, behaviour modification, general systems theory. Related issues.

**Course Component:** Lecture

**PSY 7167 Family Psychotherapy (3 units)**

Socio-cultural study of the family. Psychosocial analysis of family life. Family psychotherapy: introduction, main systems and research.

**Course Component:** Lecture

**PSY 7190 Seminars in Psychology II (3 units)**

Selected topics on contemporary psychology presented and discussed as graduate seminars.

**Course Component:** Lecture

**PSY 7432 Internship in Hospital (1 unit)**

**Course Component:** Lecture

**PSY 7502 Recherche appliquée aux interventions sociales et communautaires (3 crédits)**

Expérience pratique de la recherche et de l'évaluation de programme dans le contexte d'un organisme communautaire.

**Volet :** Cours magistral

Prerequisite: PSY 7103

**PSY 7503 Évaluation de programmes (3 crédits)**

Le concept de programme dans le contexte des services de santé. L'évaluation dans le contexte du développement des programmes dans les services de santé. Le contexte organisationnel de l'évaluation.

L'identification de besoins et planification de programmes dans le contexte communautaire. L'évaluation des résultats de programmes.

L'évaluation de la qualité des services.

**Volet :** Cours magistral



**PSY 7504 Thérapie systémique (3 crédits)**

Introduction aux concepts et pratiques en thérapie systémique que l'on peut utiliser avec les individus, les couples, ou les familles. Discussion du contexte des problèmes psychosociaux. Présentation des approches qui ont pour but de faciliter le choix chez les clients.

**Volet :** Cours magistral

**PSY 7505 Services psychologiques basés sur des données probantes pour enfants, adolescents, familles (3 crédits)**

Éléments clés des services psychologiques basés sur des données probantes pour une gamme de problèmes chez les enfants et les adolescents. L'établissement d'une relation thérapeutique avec les enfants, les adolescents et leurs parents.

**Volet :** Cours magistral

**PSY 7506 Séminaires en psychologie générale (3 crédits)**

Les sujets de recherche sont présentés et discutés à dates fixes par les membres du personnel enseignant, et occasionnellement avec la participation d'un chercheur invité.

**Volet :** Cours magistral

**PSY 7507 Psychologie de la famille (3 crédits)**

Présentation de la recherche empirique qui porte sur l'adaptation des familles aux transitions, à partir de la perspective du cycle de vie familiale, avec discussion des défis auxquels font face les familles.

**Volet :** Cours magistral

**PSY 7508 Psychologie clinique multiculturelle (3 crédits)**

Étude de questions relatives à l'évaluation et au counselling de populations multiculturelles. Aspects théoriques et appliqués du counselling multiculturel.

**Volet :** Cours magistral

**PSY 7509 Effets et traitement psychologiques du traumatisme (3 crédits)**

Étude des aspects théoriques, empiriques, et cliniques du traumatisme, tel que l'abus physique ou sexuel, le crime violent, la torture, et les expériences de guerre. Les effets de tels traumatismes (ex. le « post-traumatic stress disorder »), l'évaluation de ces effets et les approches thérapeutiques.

**Volet :** Cours magistral

**PSY 7512 Séminaire de recherche en psychologie contemporaine (3 crédits)**

Séminaires sur différents sujets offerts chaque année.

**Volet :** Cours magistral

**PSY 7514 Séminaires en psychologie professionnelle (3 crédits)**

Séminaires sur différents sujets offerts chaque année.

**Volet :** Cours magistral

**PSY 7523 Thérapies comportementales et cognitives (3 crédits)**

Étude critique des théories et pratiques contemporaines en thérapie cognito-comportementale, avec un accent particulier sur la dépression et les troubles d'anxiété.

**Volet :** Cours magistral

**PSY 7524 La thérapie de couples (3 crédits)**

Perspectives empiriques sur la détresse conjugale et les relations amoureuses chez l'adulte. Les modèles empiriques intégrés d'intervention dans la thérapie de couples - en particulier la thérapie de couples dépression, trouble de stress suite au traumatisme et violence dans les relations.

**Volet :** Cours magistral

**PSY 7567 Psychothérapie familiale (3 crédits)**

Étude socioculturelle de la famille. Analyse psychosociale de la vie de famille. Psychothérapie avec la famille : introduction, systèmes principaux et recherche.

**Volet :** Cours magistral

**PSY 7590 Séminaires en psychologie II (3 crédits)**

Sujets choisis de psychologie contemporaine présentés et discutés en séminaires au niveau supérieur.

**Volet :** Cours magistral

**PSY 7904 Thérapie systémique / Systemic Therapy (3 crédits / 3 units)**

Introduction aux concepts et pratiques en thérapie systémique que l'on peut utiliser avec les individus, les couples, ou les familles. Discussion du contexte des problèmes psychosociaux. Présentation des approches qui ont pour but de faciliter le choix chez les clients. / An introduction to concepts and practices in systemic therapy that may be used with individuals, couples or families. Emphasis on the context of problems and therapeutic practices enabling clients to have more choices in their lives.

**Volet / Course Component:** Cours magistral / Lecture

**PSY 7905 Services psychologiques basés sur des données probantes pour enfants, adolescents, familles / Evidenced-Based Psychological Services for Children, Adolescents, Families (3 crédits / 3 units)**

Éléments clés des services psychologiques basés sur des données probantes pour une gamme de problèmes chez les enfants et les adolescents. L'établissement d'une relation thérapeutique avec les enfants, les adolescents et leurs parents. / Core skills in the provision of evidence-based psychological services for a range of psychological problems in children and youth. The therapeutic relationship with children, adolescents, and their parents.

**Volet / Course Component:** Cours magistral / Lecture

Préalable : connaissance passive de l'anglais. / Prerequisite: passive knowledge of French.

**PSY 7906 Seminar General Psychology / Seminar General Psychology (3 crédits / 3 units)**

Les sujets de recherche sont présentés et discutés à dates fixes par les membres du personnel enseignant, et occasionnellement avec la participation d'un chercheur invité. / Research topics are regularly reported and studied by staff members and occasionally with visiting researchers.

**Volet / Course Component:** Cours magistral / Lecture

**PSY 7907 Psychologie de la famille / Psychology of the Family (3 crédits / 3 units)**

Présentation de la recherche empirique qui porte sur l'adaptation des familles aux transitions, à partir de la perspective du cycle de vie familiale, avec discussion des défis auxquels font face les familles. / Examination of the empirical literature on how families deal with normative and non-normative life transitions across the family life cycle, with discussion of major challenges facing families.

**Volet / Course Component:** Cours magistral / Lecture

**PSY 7908 Psychologie clinique multiculturelle / Multicultural Clinical Psychology (3 crédits / 3 units)**

Étude de questions relatives à l'évaluation et au counselling de populations multiculturelles. Aspects théoriques et appliqués du counselling multiculturel. / Issues related to the assessment and treatment of multicultural populations. Theoretical frameworks and practical aspects of multicultural counselling.

**Volet / Course Component:** Cours magistral / Lecture

**PSY 7909 Effets et traitement psychologiques du traumatisme / Psychological Effects and Treatment of Trauma (3 crédits / 3 units)**

Étude des aspects théoriques, empiriques, et cliniques du traumatisme, tel que l'abus physique ou sexuel, le crime violent, la torture, et les expériences de guerre. Les effets de tels traumatismes (ex. le « post-traumatic stress disorder »), l'évaluation de ces effets, et les approches thérapeutiques. / Theoretical, empirical, and clinical aspects of traumas such as sexual or physical abuse, violent crime, torture, or war experiences. Effects of trauma, including post-traumatic stress disorder, the assessments of such effects, and methods of treatment.

**Volet / Course Component:** Cours magistral / Lecture

**PSY 7914 Séminaires en psychologie professionnelle / Seminars in Professional Psychology (3 crédits / 3 units)**

**Volet / Course Component:** Cours magistral / Lecture

**PSY 7916 Lectures dirigées en psychologie I / Directed Readings in Psychology I (3 crédits / 3 units)**

Lectures dirigées sur des thèmes choisis en psychologie. / Directed readings on selected topics in Psychology.

**Volet / Course Component:** Recherche / Research

Permission of the Department is required.

**PSY 7923 Thérapies comportementales et cognitives / Cognitive and Behaviour Therapies (3 crédits / 3 units)**

**Volet / Course Component:** Cours magistral / Lecture

**PSY 7967 Psychothérapie familiale / Family psychotherapy (3 crédits / 3 units)**

**Volet / Course Component:** Cours magistral / Lecture

**PSY 7990 Séminaires en psychologie II / Séminaires en psychologie II (3 crédits / 3 units)**

**Volet / Course Component:** Cours magistral / Lecture

**PSY 8916 Lectures dirigées en psychologie II / Directed Readings in Psychology II (3 crédits / 3 units)**

Lectures dirigées sur des thèmes choisis en psychologie (le thème doit être différent de celui traité dans le cours PSY 7916). / Directed readings on selected topics in Psychology (topic must be different from that of PSY 7916).

**Volet / Course Component:** Cours magistral / Lecture

Permission du Département est requise. / Permission of the Department is required.

**PSY 9998 Examen général / Comprehensive Examination**

**Volet / Course Component:** Recherche / Research

Permission of the Department is required.