

## 2006-2007 Graduate Calendar

The information published in this Graduate Calendar outlines the rules, regulations, curricula, programs and fees for the 2006-2007 academic years, including the Summer Semester 2006, the Fall Semester 2006, the Winter Semester 2007 and the Summer 2007.

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

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

The University is a full member of:

- The Association of Universities and Colleges of Canada

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## **Disclaimer**

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

## **Limitations**

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

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

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

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

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## Psychology

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

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### Neuroscience and Applied Cognitive Science

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

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

#### The program involves three components.

##### 1. Preparatory Course Work

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

##### 2. Practicum

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

##### 3. Thesis research

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

### Applied Social Psychology

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

## Clinical Psychology: Applied Developmental Emphasis

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

## Industrial/Organizational Psychology

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

## General Admission and Program Requirements

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

## MA Program

### Admission Requirements MA Program

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

### Degree Requirements MA Program

#### Neuroscience and Applied Cognitive Science

PSYC\*6060 Research Design and Statistics  
PSYC\*6880 Ethical Issues in Psychology  
OR

UNIV\*6600 Animal Care Short Course  
PSYC\*6471 Practicum I

At least one of the following electives:

PSYC\*6780 Foundations of Cognitive Science  
PSYC\*6790 Memory and Cognition  
PSYC\*6800 Learning and Psychology  
PSYC\*6810 Neuropsychology  
PSYC\*6870 Human Factors

and MA Thesis.

#### Applied Social Psychology

PSYC\*6640 Foundations of Applied Social Psychology  
PSYC\*6830 Applied Social Psychology  
PSYC\*6590 Social and Community Intervention; OR  
PSYC\*6522 Research Seminar II  
PSYC\*6840 Program Evaluation; OR

PSYC\*6522 Research Seminar II  
PSYC\*6880 Ethical Issues in Psychology  
PSYC\*6060 Research Design and Statistics  
PSYC\*6670 Research Methods  
PSYC\*6471 Practicum I

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

### Clinical Psychology: Applied Developmental Emphasis

PSYC\*6060 Research Design and Statistics  
PSYC\*6630 Developmental Psychology  
PSYC\*6000 Developmental Psychopathology: Etiology and Assessment  
PSYC\*6580 Models of Child and Adolescent Psychotherapy  
PSYC\*6690 Cognitive Assessment of Children and Adolescents  
PSYC\*6700 Personality and Social Assessment of Children and Adolescents

PSYC\*6010 Learning Disorders: Research and Clinical Practice  
PSYC\*6471 Practicum I  
PSYC\*6473 Practicum III  
PSYC\*6880 Ethical Issues in Psychology  
and MA Thesis.

### Industrial/Organizational Psychology

PSYC\*7010 Personnel I: Foundations of Personal Decisions  
PSYC\*7030 Organizational Psychology I: Micro and Macro Influences  
PSYC\*6060 Research Design and Statistics  
PSYC\*6670 Research Methods  
PSYC\*7020 Personnel II: Recruitment, Selection, and Placement  
PSYC\*7070 Psychological Measurement  
PSYC\*6880 Ethical Issues in Psychology  
PSYC\*6380 Psychological Applications of Multivariate Analysis  
PSYC\*7040 Organizational Psychology II: Group and Intergroup Processes

PSYC\*6471 Practicum I  
PSYC\*7160 Applications of I/O Psychology  
PSYC\*7080 Organizational Interventions, OR  
PSYC\*6840 Program Evaluation  
and MA Thesis.

## PhD Program

### Admission Requirements PhD Program

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

### Degree Requirements PhD Program

#### Neuroscience and Applied Cognitive Science

PSYC\*6900 Philosophy and History of Psychology as a Science  
Two elective courses

The option of taking:

PSYC\*6472 Practicum II

Qualifying Examination  
and PhD Thesis.

#### Applied Cognitive Science

PSYC\*6900 Philosophy and History of Psychology as a Science;  
two seminar courses (PSYC\*6402 and PSYC\*6412);  
two elective courses with one chosen from List A and one from List B (see MA course lists A and B above);  
the option of taking

PSYC\*6472 Practicum II;

Qualifying exam;  
and PhD Thesis

#### Applied Social Psychology

PSYC\*6900 Philosophy and History of Psychology as a Science  
PSYC\*6380 Psychological Applications of Multivariate Analysis  
PSYC\*6522 Research Seminar II OR  
PSYC\*6471 Practicum I  
PSYC\*6270 Issues in Family Related Social Policy OR  
1 elective to be determined in consultation with the student's PhD Advisory Committee;  
Qualifying Exam;

and PhD Thesis.

### Clinical Psychology: Applied Developmental Emphasis

PSYC*6670	Research Methods
PSYC*6900	Philosophy and History of Psychology as a Science
PSYC*6380	Psychological Applications of Multivariate Analysis
PSYC*6472	Practicum II
PSYC*6810	Neuropsychology
PSYC*7070	Psychological Measurement
PSYC*6840	Program Evaluation
PSYC*6610	Advanced Child and Adolescent Psychotherapy
PSYC*6890	Legislation and Professional Practice
PSYC*6020	Clinical and Diagnostic Interviewing Skills

One of PSYC\*6590 Social and Community Intervention, or PSYC\*6640 Foundations of Applied Social Psychology, or PSYC\*6830 Applied Social Psychology for students without 2 senior level undergraduate courses in social psychology;

Qualifying Exam;

PSYC\*8000 Clinical Internship;  
and PhD Thesis.

### Industrial/Organizational Psychology

PSYC*7130	I/O Psychology Doctoral Research Seminar I
PSYC*6900	Philosophy and History of Psychology as a Science
PSYC*7140	I/O Psychology Doctoral Research Seminar II

one elective from

PSYC*6840	Program Evaluation OR
PSYC*7080	Organizational Interventions OR
PSYC*7170	I/O Doctoral Research Internship I OR
PSYC*7180	I/O Doctoral Research Internship II

Qualifying Exam;

and PhD Thesis.

### Courses

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

### Departmental Core Courses

#### PSYC\*6060 Research Design and Statistics U [0.50]

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

#### PSYC\*6190 Research Project U [1.00]

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

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

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

#### PSYC\*6401 Reading Course I U [0.25]

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

#### PSYC\*6402 Reading Course II U [0.50]

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

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

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

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

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

#### PSYC\*6471 Practicum I U [0.50]

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

#### PSYC\*6472 Practicum II U [1.00]

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

#### PSYC\*6473 Practicum III U [0.25]

See PSYC\*6471 above. This course is intended for students who wish to gain additional practicum experience after completing the requirements for PSYC\*6471/2. Students work one day a week in the selected setting.

#### PSYC\*6521 Research Seminar I U [0.25]

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

#### PSYC\*6522 Research Seminar II U [0.50]

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

#### PSYC\*6670 Research Methods U [0.50]

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

#### PSYC\*6880 Ethical Issues in Psychology U [0.25]

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

#### PSYC\*6890 Legislation and Professional Practice U [0.25]

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

*Co-requisite(s):* PSYC\*6880

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

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

#### PSYC\*7070 Psychological Measurement U [0.50]

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

*Restriction(s):* Instructor's signature required

### Applied Cognitive Science

#### PSYC\*6750 Applications of Cognitive Science W [0.50]

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

#### PSYC\*6770 Modelling Mental Processes W [0.50]

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

*Prerequisite(s):* PSYC\*6780

#### PSYC\*6780 Foundations of Cognitive Science F [0.50]

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

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

#### PSYC\*6790 Memory and Cognition U [0.50]

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

#### PSYC\*6800 Learning and Physiology U [0.50]

This course reviews the major theories, issues, and methodologies guiding contemporary research in learning, comparative, and physiological psychology.

**PSYC\*6810 Neuropsychology U [0.50]**

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

**PSYC\*6870 Human Factors U [0.50]**

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

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

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

**PSYC\*6590 Social and Community Intervention U [0.50]**

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

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

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

**PSYC\*6830 Applied Social Psychology U [0.50]**

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

**PSYC\*6840 Program Evaluation U [0.50]**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

*Prerequisite(s):* PSYC\*6580 and PSYC\*6472. PSYC\*6472 may be taken concurrently with PSYC\*6610.

**PSYC\*6630 Developmental Psychology U [0.50]**

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

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

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

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

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

**PSYC\*8000 Clinical Internship U [0.00]**

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

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

**Industrial/Organizational Psychology****PSYC\*7010 Personnel I: Foundations of Personnel Decisions U [0.50]**

Basic personnel functions are discussed, including job analysis, job evaluation, human resource planning, and criterion development, as well as the economic and legal environment in which these activities take place.

**PSYC\*7020 Personnel II: Recruitment, Selection, and Placement U [0.50]**

An examination of theory, research, and practice in the area of personnel selection.

**PSYC\*7030 Organizational Psychology I: Micro and Macro Influences U [0.50]**

This course examines micro- and, to a lesser extent, macro-level influences on organizational behaviour. Topics include absenteeism, turnover, work attitudes, stress, occupational health and safety, and unionization.

**PSYC\*7040 Organizational Psychology II: Group and Intergroup Processes U [0.50]**

This course examines theories, research, and application of group and intergroup processes within the organizational context. Topics include basic group dynamics, leadership and supervision, conflict, and industrial relations as well as gender, minority, and cross-cultural issues.

**PSYC\*7060 Organization Development Consulting U [0.50]**

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

**PSYC\*7080 Organizational Interventions U [0.50]**

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

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

**PSYC\*7130 Industrial/Organizational Psychology Doctoral Research Seminar I U [0.50]**

This course introduces participants to a broad range of research in Industrial/Organizational psychology. It emphasizes critical examination and discussion to develop skills in theory building and programmatic research. This course is intended to prepare participants for the Industrial/Organizational Doctoral Research Seminar II and Research Internship(s).

**PSYC\*7140 Industrial/Organizational Psychology Doctoral Research Seminar II U [0.50]**

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

*Prerequisite(s):* PSYC\*7130.

**PSYC\*7160 Applications of Industrial/Organizational Psychology U [0.25]**

This half course provides the opportunity for the integration of material covered throughout the graduate program. Students will design specific interventions that integrate technical, organizational, and ethical issues in response to various organizational problems.

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

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

*Prerequisite(s):* PSYC\*7130

*Co-requisite(s):* PSYC\*7140

*Restriction(s):* Instructor's signature required

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

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

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

*Restriction(s):* Instructor's signature required