

Psychology

Undergraduate Degree Programs

General B.A., 3- or 4-Year, Psychology
Honours B.A., Psychology, Regular and Co-op
Honours B.A., Psychology, Arts & Business, Regular
Honours B.A., Psychology, Arts & Business, Co-op
Joint Honours Psychology
Minor in Psychology

WHAT IS PSYCHOLOGY?

Psychology, the study of mind and behavior, is one of today's most exciting and rapidly advancing scientific frontiers. We are committed to providing students with a high quality educational experience that broadly represents the exciting field of Psychology. Students can study topics including:

- how people see, hear, think, and solve problems
- workings of memory and attention
- acquisition of linguistic, cognitive, and social abilities in infants and young children
- interpersonal and intergroup relations
- communication and persuasion
- cognitive factors that influence reading disabilities and attention disorders in children
- schizophrenia, depression, self-esteem, and anxiety disorders in adults
- neural, physiological, and chemical bases of behaviour
- feelings, thoughts, and behaviour of people in work situations; employee stress; leadership and motivation processes in work organizations

WHY STUDY PSYCHOLOGY AT UNIVERSITY OF WATERLOO?

Learn from Award-Winning Faculty

We are confident that you will find the study of Psychology extremely interesting and that our faculty members will challenge you to achieve your very best. The research and scholarly work of our faculty is outstanding and recognized both nationally and internationally, as evidenced by the many honours, awards, and grants that they have received. Many faculty members have been active as editors, associate editors, consulting editors, or as members of editorial review boards for major scholarly journals.

Learn About Yourself and Others

More students graduate annually with a Bachelor of Arts degree in Psychology than a Bachelor's degree in any other major. According to the Canadian and American Psychological Associations, Psychology is one of the most popular majors in North America.

Students choose to study Psychology because they find the discipline fascinating and they want to learn how and why they and others think and behave the way they do. In addition to studying the body of knowledge that already exists, Psychology Majors also learn the scientific procedures for acquiring new knowledge in Psychology. In their senior years, students have many opportunities to participate in cutting edge research in our advanced laboratories for the study of human behavior.

Courses in the Major

Introductory Psychology
Basic Research Methods
Basic Data Analysis
Advanced Data Analysis
Psychological Measurement
History of Psychology
Introduction to Cognitive Science
Cognitive Processes
Perception
Psychology of Reading
Thinking and Deciding
Physiological Psychology
Human Neuropsychology
An introduction to Computational Neuroscience
Methods
Developmental Psychology
Psychological Origins of Knowledge of Numbers
Cognitive Development
Language Development
Psychology of Adolescence
Learning Disabilities
Child Psychopathology
Educational Psychology
Problem Behaviour in the Classroom
Psychology of Death and Dying
Social Psychology
Social Cognition
Interpersonal Relations
Political Psychology
Psychopathology
Introduction to Clinical Psychology
Personality Theory
Theories of Individual Counselling Psychology
A Psychological Analysis of Human Sexuality
Psychological Perspective on Gender and Sex
Organizational Psychology
Personnel Selection
Training and Development
Negotiation in the Workplace: Theory and Practice
Psychology of Religious Experience
Psychosexual Organization
Psychology of Evil
Psychology and Law
Criminal Profiling

Prepare for More Advanced Degrees and Careers

Many students with a Bachelor's degree in psychology further their education at the university level in areas other than psychology such as:

- teaching
- business
- social work
- industrial relations (e.g., emphasizing labour relations and human resources practices)
- law, mediation
- medicine
- occupational therapy
- speech/language pathology (also called Communication Sciences & Disorders)
- pastoral counselling, theology
- child studies
- art and music therapy
- marriage and family therapy
- library and information services
- criminology

At the college level, options for further study include:

- human resources management
- marketing management
- corporate communication and public relations
- behavioral science technology
- early childhood education
- child and youth worker
- communication disorders assistant
- nursing
- wellness/lifestyle management
- police officer
- social work and gerontology
- psychosocial rehabilitation
- social services worker

Feedback from colleagues at other universities indicates that alumni of our Honours Psychology plans are well trained and immediately ready to engage in more advanced studies in psychology. At the graduate level, students may concentrate their studies in one of the many sub-disciplines of psychology such as:

- behavioral neuroscience
- clinical psychology
- cognitive psychology
- community psychology
- counseling psychology
- developmental psychology
- educational and school psychology
- environmental psychology
- forensic psychology
- health psychology
- industrial/organizational psychology
- social psychology

Several of these areas of specialization are available at the graduate level right at uWaterloo.

Develop Marketable Skills for Future Employment

A liberal arts education provides students with opportunities to develop a wide variety of skills including interpersonal, oral and written communication, time management, critical thinking, and problem solving. In addition, Psychology Majors develop distinctive observation, analytic, numeracy, and computer skills. The degree to which specific skills are developed will depend on the specific academic plan in which the

(courses cont'd)

Advanced Research Methods Courses and Honours Seminars in the following areas:

- Behavioral Neuroscience
- Human Cognitive Neuroscience
- Cognition and Perception
- Developmental Psychology
- Industrial/Organizational Psychology
- Memory
- Personality and Clinical Psychology
- Social Psychology

Apprenticeship Courses:

- Applied
- Human Resources
- Research

Directed Studies Courses

Honours Thesis

ACADEMIC PLANS

We provide high quality programs in Psychology. Students apply for admission to the Psychology major upon completion of first year.

Three-Year General Psychology

General Psychology provides students with a general overview of the field of Psychology. 30 courses are required for the degree including 10 courses in Psychology.

Four-Year General Psychology

Four-Year General Psychology will be of particular interest to those who require a four-year degree in order to pursue further studies that do not require an Honours degree for admission. 40 courses are required for the degree including 14 courses in Psychology.

Honours Psychology

Honours Psychology at uWaterloo has several attractive features:

- in-depth study of psychological research and theory
- develop distinctive observation, numeric, analytic, computer, and written and oral communication skills
- option to enrol in the co-op system of study
- study in small seminar groups in years 3 and 4
- opportunities to work one to one with faculty members in Directed Studies courses, Research Apprenticeships, or Honours Thesis
- practical field experience (e.g., in the Applied Apprenticeship course)

Forty courses are required for the degree including 18 courses in Psychology.

student is enrolled.

Employers expect their employees to be able to analyze information and make decisions about problems that arise at work. For example, why did sales decrease this year? Would it be cost effective to change computer systems? In order to do this kind of data analysis, people need to be able to clarify the question, identify the required data, determine methods to obtain those data, and employ analytic techniques to come to a conclusion. Psychology at uWaterloo provides some of the most rigorous training in data analysis available in any undergraduate psychology program in North America.

PSYCHOLOGY MAJORS AT WORK

Co-op Students

The broad range of capabilities of, and career possibilities for, graduates with a Bachelor's degree in Psychology is reflected in the wide variety of jobs obtained in both private and public sectors by Honours Psychology Majors (departmental co-op and Arts and Business co-op) who are enrolled in the Co-op system of study.

Potential settings for co-op work term employment include business and manufacturing, federal and provincial governments, universities and colleges, boards of education, hospitals and treatment/health facilities, Family and Children's Services, police and probation services, camps or homes for people with special needs, non-profit and charitable organizations, recreational, and technological enterprises.

Potential tasks of Psychology Co-op students include: administration, communication, computer support (e.g. programming, software development and testing, database management, web page design), conducting research, customer or public relations, human resource activities, management/supervision, marketing, program analysis, providing assistance (e.g., physical, social, or educational support) for people with special needs, teaching/tutoring, quality control, writing, editing, etc.

Examples of Co-op Positions:

Administrative Assistant, *Toyota Motor Manufacturing, Cambridge*
Business/Market Analyst, *Edge Program, Scottish Enterprise*
Camp Counselor/Instructor/Program Director, *Outdoor Education Centres for the Toronto District School Board*
Community Support Worker-*Hutton House, Association for Adults with Disabilities, London*
Communications Associate, *Ontario Ministry of the Environment*
Computer Software Developer, *Corel Corporation*
Computer Support, *Health Canada, Ottawa*
Computer Training Assistant, *Humber College, Toronto*
Curriculum Innovator/Manager, *Desire2 Learn, Kitchener*
English Tutor, *Seneca College, Toronto*
Event Coordinator, *Community Head Injury Resource Services*
Financial Analyst/Editor Assistant, *Industry Canada*
Guidance/At-risk Support Assistant, *Toronto District School Board*
Health Program Developer, *Health Services, University of Waterloo*
Human Resources Assistant, *Sybase, Waterloo*
Information Technology Assistant, *Economical Insurance Company*
Marketing Assistant, *Open Text Corporation, Waterloo*
Program Director/Manager, *Camp McGovern for K-W Big Brothers Big Sisters*
Project Assistant, *University Health Network, Toronto*
Recreational Therapy Assistant, *Royal Ottawa Mental Health Centre*
Recruitment Assistant, *Research in Motion, Waterloo*
Research Assistant, *Dept of National Defense, Toronto*
Residential Counsellor/Support Worker, *L'Arche Communities in Ontario*
Safety Policy Advisor, *Ontario Ministry of Transportation, Downsview*
Student Advocacy Coordinator, *uWaterloo Federation of Students*
Teacher's Assistant, *Peel District Secondary School Board, Mississauga*
Technical Writer, *Multi-Health Systems, Toronto*
Web Page Designer/Developer, *Ministry of Energy & Infrastructure, Toronto*
Writer/Editor Assistant, *Department of Fisheries and Oceans Canada*

NOTE: Honours Psychology is also available through the Faculty of Science. The Honours Psychology BSc plan is particularly appropriate for students interested in behavioural neuroscience or cognitive psychology, or who plan to seek professional training in medicine, perhaps with specialization in neurology, psychiatry, or paediatrics. For further information about a Bachelor of Science with a Psychology Major, please contact Science Liaison (science@uwaterloo.ca).

Co-operative Programs in Arts

Honours Arts - Departmental Co-op – If you choose Psychology as a major for second year, departmental co-op is available.

Selection of candidates occurs in the fall of second year with four paid work terms alternating with academic terms on a four-month rotation. The first work term occurs during the spring term of the second year.

Benefits of the co-op system of study include:

- a break from school every 4 months
- gain knowledge through observation, 'hands-on' experience, and communication with supervisors and fellow employees, for example:
 - about careers, job characteristics, organizational climate, and working conditions in different settings
 - about the effects of different leadership styles on morale and productivity
 - insight into your vocational interests and aptitudes, work values, working style
- opportunities to practice skills learned in your course work as well as to develop new marketable skills
- receive valuable feedback from employers about your skill development
- opportunities for networking
- earn money (in most cases) to fund school terms
- build a resume attractive to future employers

Arts and Business Co-op

Students who are admitted to Honours Arts and Business can apply for admission to the Honours Psychology Major at the end of Year One. 40 courses are required for the degree including 18 courses in Psychology and 13 courses for Arts and Business (see the Undergraduate Calendar for details).

Joint Honours Psychology

Joint Honours plans exist between Psychology and numerous other departments at uWaterloo, including some departments outside the Faculty of Arts. Some combinations of programs will lead to a degree other than a Bachelor of Arts. Those interested in two Honours Majors should consult the respective departments for further information. Typically

Examples of positions held by alumni with Bachelor's degrees in Psychology:

Administrator of Client Services, *Victim Services of Halidmand and Norfolk*
Admissions and Recruitment Specialist, *University of Waterloo*
Adult Education Instructor, *Achievement Solutions, Waterloo*
Caseworker, *Family and Children's Services*
Community, Youth, and Health Worker, *Lang's Village Farm Association, Cambridge*
Computer Software Development, *Intellitactics, Kitchener*
Computer Support/Database Management, *University Health Network, Toronto*
Curriculum Coordinator, *Royal Military College, Kingston*
Customer Support Representative, *Open Text Corporation, Waterloo*
Data Technician, *KW Sleep Lab*
English Teacher, *Japan, Korea, Taiwan*
Human Factors Analyst/Designer, *Atomic Energy Canada*
Human Resource Assistant, *Canadian Tire Head Office, Toronto*
Information Technologist, *Ositech Communications*
Lab Coordinator, *University of Chicago, Psychology Dept*
Manager of Community Integration, *University Health Network, Toronto*
Marketing Assistant, *Mallot Creek Group Inc, Elora*
Patient Satisfaction Co-coordinator, *Ontario Hospital Association*
Program Administrator, *Healthy Start: Canadian Mental Health Association*
Project Manager, *Steel Communications Inc.*
Recruitment Officer, *Trilogy Software, Austin, Texas*
Research Assistant, *Centre for Addiction and Mental Health, Toronto*
Research Technologist, *Defence Research and Development Canada*
Residence Life manager, *University of British Columbia*
Residential Counselor, *KW Rehabilitation Services*
Tester, *Attention Deficit Disorder Centre, Toronto*
Trainer, *P&P Data Systems*
Usability Analyst, *Corel Incorporated*

Psychology Master's and PhD Graduates at Work

Careers options and job settings for those with graduate level training in psychology are diverse. Here are some examples:

- Faculty members at universities are involved in research and teaching activities.
- Research scientists in government or industrial research and development labs.
- Clinical psychologists provide assessment and treatment services for individuals or groups who have emotional and behavioral problems. They work in all applied settings (e.g., mental health facilities, hospitals, penal system) or in private practice.
- Counseling psychologists do similar work to clinical psychologists but tend to provide services to less severely disordered clientele.
- Psychometrists are skilled in the design and administration of psychological tests. They work in all applied settings (e.g., education, mental health, business, and government).
- Health psychologists conduct research and are involved in health promotion and illness prevention programs.
- Clinical neuropsychologists conduct research as well as do assessment and treatment for disorders of the central nervous system (e.g., brain damage due to a head injury or stroke).
- Educational psychologists are interested in basic research on effective learning strategies and the assessment of learning difficulties. They work at all levels of the education system, for government or business training programs, or as consultants.
- Industrial/organizational psychologists are employed as researchers, consultants, and/or human resource managers. They are interested in such issues as job satisfaction, perceptions of fairness, decision making, productivity, training, leadership, and biases in the interview process.
- Senior administrators and directors in numerous settings.

40 courses are required for the degree including 16 courses in Psychology.

Psychology Minor

The Psychology Minor provides a general overview of the field of psychology. Students enrolled in Honours Major plans, or Four-Year General Major plans in the Faculty of Arts, may pursue a Minor in Psychology. 10 courses in Psychology are required.

Human Resources Management Specialization (HRM)

Psychology Majors who are interested in employment in the area of human resources after graduation will be interested in the HRM academic plans:

- Honours Psychology – HRM Specialization
- Four Year General Psychology – HRM Minor
- Three Year General Psychology – HRM Option

For further details about the HRM plans, please refer to the following website:

www.psychology.uwaterloo.ca/hrm/index.html

Psychology Undergraduate Student Society (PsychSoc)

All Psychology Majors are members of *PsychSoc*. Getting involved with the *PsychSoc* provides opportunities to develop marketable skills (administrative, interpersonal, problem solving, leadership, teamwork), to meet new people, and to become better acquainted with the faculty and staff of the Psychology Department. Volunteers are always welcome to work in the *PsychSoc* office and to organize events.

<http://watarts.uwaterloo.ca/~psychsoc/index.html>

For more information about Psychology, please visit:

www.psychology.uwaterloo.ca

For admission information, questions about your application, or to arrange a campus visit please contact:

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