

**Political Studies 353 The Nicholas Bachand Canadian
Civil Society Internship**

The Nicholas Bachand Canadian Civil Society Internship is intended to provide a practical work-experience related to the Political Studies Minor in Public Policy and Public Administration. The internship is intended to enable students to contribute to the well-being of Canadian society by participating in voluntary and non-profit non-governmental organizations (NGOs).

Political Studies 550 Honours Thesis 6-3-0

Individual research and reading under the guidance of an advisor and the Department, on advanced themes in Political Studies.

*Prerequisite: Permission of the Department and instructor.
Staff*

INT 300 International Development Assistance Internship

Students must secure the approval of a Department and a faculty member in that Department to supervise an AUCC/Canada Corps Internship, a Champlain Regional College-Bishop's University Mai-Sot Internship, a Champlain Regional College Peru Internship or any other internship, sponsored by an NGO or accredited institution recognized by a Selection Committee, chaired by the Vice-Principal. Application for selection and funding must be addressed to the Vice-Principal's Office normally by December 1. The number of internships is subject to acceptance by sponsoring agencies and availability of funding.

Note: Independent Studies and Honours Thesis courses are normally taken in the last thirty (30) credits in the program. See the departmental regulations, for Honours Thesis and Independent Study courses.

Psychology

Psychology aims at giving students an understanding of the human mind and behavior. We offer a number of Major and Honours programs that emphasize Psychology as an objective science, cover the various subfields of Psychology and allow students to gain specialization into specific areas of interest (Clinical Psychology, Health Psychology, Human Resources Management and Neuroscience). We also offer a Minor in Psychology and a Minor in Health and Sports Studies, as well as a Certificate in Human Psychology.

Within this general framework, we offer an array of courses that apply the psychological approach to a wide range of topics. We emphasize quality of teaching and a close relationship between professors and students. A fundamental concern of the Department is the preparation of students for further training in Psychology and allied fields at the graduate level.

Admission into Psychology Programs

Students applying on the basis of a completed DEC will be admitted into a three-year program. Students from outside Quebec applying on the basis of an Ontario OSSD or a Grade 12 or equivalent will be accepted into a four-year program.

Students that have graduated from specific programs at Humber College or Georgian College will be admitted into specifically designed programs. These programs are listed under "Programs Specified under College Articulation Agreements".

Students may normally transfer into a B.A. Major or Honours Psychology program from another Bishop's program, provided they have a minimum cumulative average of 65% on at least 24 course credits completed at Bishop's, or provided they have demonstrated an aptitude for the program by achieving an average of 65% in all program courses attempted (minimum of 12 credits).

Prerequisites

All our programs include two Introduction to Psychology prerequisites (PSY101 and PSY102). Our Majors/Honours programs also include an Introductory Biology (PBI/PBL 191) prerequisite.

These courses must be completed within the first three semesters of study. Note that these prerequisites will be waived for students who have completed CEGEP courses in Psychology (Introductory Psychology and two other Psychology courses) and Human Biology.

Special Requirements for Honours

To qualify for an Honours program a student must have a cumulative average of at least 75% in program courses. Students must also achieve a combined average of at least 70% in PSY313 (Advanced Research Methods) and PMA360 (Advanced Psychological Statistics). Eligible students will officially transfer into Honours after the acceptance of their dissertation proposal in the Fall term of their final year.

Psychology Programs

Please note that the complete list of courses to be taken within each program is outlined in the table on the next pages.

Major and Honours in Psychology (54 and 72 credits)

This classic program is the most flexible. Most students first register into this program and then may consider switching to a more specific concentration. The Major includes 36 credits of Core Courses and 18 credits of Psychology options for a total of 54 credits. The Honours adds an additional 18 credits of Core Courses for a total of 72 credits.

Major or Honours in Psychology - Clinical Concentration (60 and 84 credits)

This program emphasizes the applied side of Psychology. The Major includes 36 credits of Core Courses and 24 credits of courses specific to the Clinical concentration for a total of 60 credits. The Honours adds an additional 18 credits of Core Courses and an additional 6 credits of Honours courses specific to the Clinical concentration for a total of 84 credits.

Major or Honours in Psychology - Health Concentration (60 and 81 credits)

This new and expanding program explores the links between behavior and lifestyle on the one hand, and physical or mental wellness on the other. The Major includes 36 credits of Core Courses and 24 credits of courses specific to the Health concentration for a total of 60 credits. The Honours adds an additional 18 credits of Core Courses and an additional 3 credits of Honours courses specific to the Health concentration for a total of 81 credits.

Major or Honours in Psychology - Human Resources Concentration (63 and 81 credits)

This allows students to follow a mix of Psychology and business courses. It is designed for students wishing to pursue a career either as psychologists or as administrators in the corporate world. The Major includes 36 credits of Core Courses and 27 credits of courses specific to the Human Resources concentration for a total of 63 credits. The Honours adds an additional 18 credits of Core Courses for a total of 81 credits.

Major or Honours in Psychology - Neuroscience Concentration (B.Sc.; 51 and 66 credits)

This program focuses on the physiological aspects of Psychology and the brain-behavior relationship. To complete the neuroscience program within three years, Quebec students should enter with a

collegial diploma in science (D.E.C.), that includes Mathematics 201-NYA-05, 201-NYB-05, Physics 203-NYA-05, 203-NYB-05, Chemistry 202-NYA-05, 202-NYB-05, and Biology 101-NYA-05. Students entering from other CEGEP programs or from Grade 12 will be required to complete science prerequisites prior to undertaking the neuroscience major and will usually complete the degree in four years. The major includes 45 credits of courses and 6 credits of lab work for a total of 51 credits. The Honours adds an additional 15 credits for a total of 66 credits.

Minor in Psychology (24 credits)

This very flexible Minor involves completing any 8 courses in Psychology. This flexible and popular minor has been joined with Majors/Honours in almost every discipline offered at Bishop's. The

most popular and most useful combinations include, among others: Biology, Political Studies, Sociology, Business, Philosophy, English and Education.

Minor in Health and Sports Studies (24 credits)

This new program involves taking 8 courses related to health and sports. Several of these courses are from Psychology but others are from various disciplines within the social sciences, natural sciences, business and humanities divisions.

Certificate in Human Psychology (30 credits)

This program is designed for adult students. It has particular relevance for teachers, health or social workers, and managers. It involves taking 10 psychology courses that directly relate to human behavior.

Major in Psychology

Physiological - Take ONE

- PBI379a Clinical Neuropsychy.
- PBI380b Psychopharmacol.
- PBI388a Brain Behavior II

Cognitive - Take ONE

- PBI217b Motivation Emotion
- PSY302a Perception
- PSY370a Learning Memory

Developmental - Take TWO

- PSY236a Child Dev. I
- PSY237b Child Dev. II
- PSY266b Adult Dev. Aging
- PSY290b Adolescence
- PSY333a Exceptional Child.

At least TWO other

Psychology courses **18**

Major- Human Res. Conc.

Required courses

- PBI217b Motivation Emotion
- BMG112 Manag. Theory
- BHR221 Org. Behavior (or PSY309)
- BMR224 Hum. Res. Man.

Business options- take FIVE

- BHR312 Industrial Rel.
- BHR313 Compensation Man.
- BHR315 Training Dev.
- BHR316 Organiz. Conflict
- BHR321 Org. Theory
- BMG322 Industrial Man.
- BHR325 Topics in HR Man.
- BHR326 Recruitment
- BHR328 Occupational Health
- BHR333 Employment law
- BHR334 Adm. Col. Agr.

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PSYCHOLOGY CORE FOR ALL B.A. PROGRAMS

These courses are required for all four Psychology B.A. programs

Prerequisites

- PSY101ab** Intro. Psy. I
- PSY102ab** Intro. Psy. II
- PBI/PBL191a** Intro. Biology

Core courses

- PSY206a** Personality I
- PSY207b** Personality II
- PSY213b** Research Methods
- PSY245a** Social Psy. I
- PMA260a** Statistics
- PBI288b** Brain Behavior I
- PSY301a** Abnormal Psy.
- PCS305b** Cognition
- PSY311b** Psychopathologies
- PMA353b** Psychometrics
- PSY342a** History Psy.
- PMA360b** Adv. Statistics

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These additional courses are required for all four Psychology B.A. Honours programs

Honours Core courses

- PSY313a** Adv. Res. Methods
- PSY443b** History Psy. Sem.
- PMA460b** Multivariate Stats
- PSY 498a** Honours Seminar
- PSY 499f** Honours Thesis*

**Please note that PSY499 is a year-long, 6-credit course*

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Major- Health Conc.

Required courses

- BIO131 Health and Disease
- PSY203a Sports: perform.
- PSY204b Sports: social
- PSY266b Adult Dev. Aging
- PSY275a Health Psy. I
- PSY276b Health Psy. II
- PBI327a Psy. Nutrition
- PBI380b Psychopharmacol.

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Honours (additional)

- PSY440b Health Internship

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Major- Clinical Conc.

Required courses

- PSY330a Psy. Ethics
- PSY333a Exceptional Child.
- PSY336b Clinical Interview
- PSY337a Crisis Intervention
- PBI380b Psychopharmacol.

Clin. options-Take THREE

- PSY214 Community Psy.
- PSY219b Psy. Women
- PSY222 Group Dynamics
- PSY236a Child Dev. I
- PSY237b Child Dev. II
- PSY266b Adult Dev. Aging
- PBI277 Phys. Mental Health
- PSY290b Adolescence
- PSY293 Multicultural Psy.
- PBI345 Family Dynamics
- PBI379a Clinical Neuropsychy.
- PBI388a Brain Behavior II

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Honours (additional)

- PSY441a Adv. Clin. Sem.
- PSY442b Clin. Practicum

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Major and Honours in Neuroscience (B.Sc.)

Prerequisite

PSY101ab Intro I

Prerequisites; Grade 12 and non-science CEGEP students

PBI/PBL 191	Intro Biology
CHE191/081	Gen. Chem. I
CHE192/082	Gen. Chem. II
MAT198/088	Calculus I
MAT199/089	Calculus II
PHY193/083	Physics I
PHY194/084	Physics II

Required courses–Psychology

PSY213b	Research Methods
PMA260a	Statistics
PBI288b	Brain Behavior I
PCS305b	Cognition
PMA360b	Advanced Statistics
PBI388a	Brain Behavior II
PBI379a	Clin. Neuropsych.
PBI380b	Psychopharmacol.

Required courses– Nat. Sciences

CHE 105a/185a	Org. Chem.
BIO110a	Cellular Molecular
BIO/BIL115a	Diversity of life
BIO/BIL118b	Genetics
BIO/BIL215b	Metabolism
BIO/BIL226a	Animal Phys. I
BIO/BIL228b	Animal Phys. II

Course credits: **45**

Lab credits: **6**

Honours required courses

PSY313a	Adv. Res. Methods
BIO359a	OR BIO360a
PSY498a	Honours Seminar
PSY499f	Honours Thesis*

*Please note that PSY499 is a year-long, 6-credit course

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Minor in Health and Sports Studies

Chose any EIGHT (8) of the following courses

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Psychology courses

Prerequisites

PSY101ab	Intro Psy. I
PSY102ab	Intro Psy. II

PSY203a	Sports: Perform.
PSY204b	Sports: Social
PSY228	Occupational Health
PBI275a	Health Psy. I
PBI276b	Health Psy. II
PBI288b	Brain Behavior I
PBI327a	Psy. Nutrition
PBI380b	Psychopharmacol.

Non-Psychology courses

EXS101/181	Intro Exercise Sci.
CLA130	Sport Ancient World
SOC155	Soc. Sports
SOC219	Soc. Body
SOC220	Work and Leisure
SOC229	Gender Culture
SOC294	Soc. Tourism
SOC307	Soc. Health
SPO201	Culture and Society

Note: high school biology or chemistry is recommended or required for the following:

BIO127	Exercise Physiology
BIO131	Health and Disease I
BIO132	Health and Disease II
BCH191	Modern Biochem
BIO373/383	Adv. Ex. Sci.

Note: the following courses have prerequisites that are not included in the minor

ESG264	Outdoor recreation
BMK362	Sports Marketing
BHR328	Occ. Health Safety

Minor in Psychology

The minor in Psychology is composed of any EIGHT (8) Psychology courses.

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Certificate in Human Psychology

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This program is designed for adult students interested in human psychology. It has particular relevance for teachers, health or social workers and managers

Required courses

PSY101ab	Intro Psy. I
PSY102ab	Intro Psy. II

Block A – Choose FOUR

PSY206a	Personality I
PSY207b	Personality II
PSY236a	Child Dev. I
PSY237b	Child Dev. II
PSY245a	Social Psy. I
PSY246b	Social Psy. II
PSY266b	Adult Dev. Aging
PSY333a	Exceptional Child.

Block B- Choose FOUR

PSY203a	Sports I
PSY204b	Sports II
PSY219a	Psy. Women
PSY275a	Health Psy. I
PSY276b	Health Psy. II
PSY290b	Adolescence
PSY301a	Abnormal
PCS305b	Cognition
PSY309	I/O Psych
PSY311b	Psychopathologies
PSY329a	Appl. Mem. Cog.
PSY336b	Clinical Interview
PSY337a	Crisis Intervention
PSY345	Family dynamics

Psychology Programs Specified under Articulation Agreements

Students having completed specific Psychology-related degrees at Humber College or Georgian College can complete specifically designed two- or three-year programs. The four programs designed for Humber students and the four programs designed for Georgian students are outlined in the table that follows. **Please note that these programs are not open to the general student population.**

PROGRAMS FOR STUDENTS THAT HAVE COMPLETED SPECIFIC DEGREES AT HUMBER COLLEGE

<p>Child and Youth Worker - Clinical Psychology option (45 credits)</p> <p style="text-align: center;">AND</p> <p>Developmental Service Worker-Clinical Psychology option (60 credits)</p> <p><i>Required courses</i> PSY301a Abnormal Psy. PSY311b Psychopathologies PSY330a Psy. Ethics</p> <p style="text-align: right;">9</p> <p><i>Physiological - Take ONE</i> PSY302a Perception PBI327a Psy. Nutrition PBI379a Neuropsychology PBI380b Psychopharmacol</p> <p style="text-align: right;">3</p> <p><i>Clinical Social - Take TWO</i> PSY214 Community Psy. PSY219b Psy. Women PSY246b Social Psy. II PSY336b Clinical Interview PSY345 Family Dynamics</p> <p style="text-align: right;">6</p> <p><i>Developmental - Take ONE</i> PSY266b Adult Aging EDU285 Psy. Reading PSY290b Adolescence EDU301 Educational Psy. PSY333a Except. Child</p> <p style="text-align: right;">3</p> <p><i>Additional courses for:</i> Developmental Service Worker-Clinical Psychology option (60 credits) Free Options – Any FIVE courses</p> <p style="text-align: right;">15</p>	<p>PSYCHOLOGY CORE FOR HUMBER COLLEGE B.A. PROGRAMS</p> <p><i>All four B.A. programs for students admitted under the articulation agreement with Humber College contain the following Core courses:</i></p> <p>PSY206a Personality I PSY207b Personality II PSY213b Research Methods PSY245a Social Psy. I PMA260a Statistics PBI288b Brain Behavior I PMA353b Psychometrics PMA360b Adv. Statistics</p> <p style="text-align: right;">24</p> <p><i>In addition, the four programs contain specific courses. Please refer to the right and left column of this table to find those that apply to you.</i></p> <p><i>Note that the number in bold represent credits. A course is worth 3 credits.</i></p>	<p>Developmental Service Worker-General Psychology option (60 credits)</p> <p><i>Required course</i> PSY342a History Psy.</p> <p style="text-align: right;">3</p> <p><i>Cognitive - Take ONE</i> PBI217b Motivation Emotion PSY302a Perception PCS305b Cognition PSY370a Learning Memory</p> <p style="text-align: right;">3</p> <p><i>Developmental- Take ONE</i> PSY266b Adult Aging PSY290b Adolescence</p> <p style="text-align: right;">3</p> <p><i>Social- Take ONE</i> PSY204b Sports: social PSY219b Psy. Women BHR221 Org. Behavior PSY246b Social Psy. II</p> <p style="text-align: right;">3</p> <p>Free options – Any EIGHT courses</p> <p style="text-align: right;">24</p> <hr/> <p>Developmental Service Worker - Health Psychology (60 credits)</p> <p><i>Required courses</i> BIO131 Health Disease PSY266b Adult Aging PCS305b Cognition</p> <p style="text-align: right;">9</p> <p><i>Health Options- Take TWO</i> PSY328 Occupational Health PBI327a Psy. Nutrition PSY203a Sports: perform. PSY204b Sports: social PBI379a Neuropsychology</p> <p style="text-align: right;">6</p> <p>Free options – Any SEVEN courses</p> <p style="text-align: right;">21</p>
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**PROGRAMS FOR STUDENTS THAT HAVE COMPLETED
SPECIFIC DEGREES AT GEORGIAN COLLEGE**

**Child and Youth Worker -
Clinical Psychology option
(45 credits)**

AND

**Developmental Service Worker-
Clinical Psychology option (60 credits)**

Required courses

PSY301a	Abnormal Psy.	
PSY311b	Psychopathologies	
PSY330a	Psy. Ethics	9

Physiological - Take ONE

PSY302a	Perception	
PBI327a	Psy. Nutrition	
PBI379a	Neuropsychology	
PBI380b	Psychopharmacol	3

Clinical Social - Take TWO

PSY214	Community Psy.	
PSY219b	Psy. Women	
PSY246b	Social Psy. II	
PSY336b	Clinical Interview	
PSY345	Family Dynamics	6

Developmental - Take ONE

PSY266b	Adult Aging	
EDU285	Psy. Reading	
PSY290b	Adolescence	
EDU301	Educational Psy.	
PSY333a	Except. Child	3

Additional courses for:

**Developmental Service Worker-
Clinical Psychology option (60 credits)**

Free Options – Any THREE courses		9
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**PSYCHOLOGY CORE FOR
GEORGIAN COLLEGE B.A.
PROGRAMS**

*All four B.A. programs for students
admitted under the articulation
agreement with Georgian College
contain the following Core courses:*

Prerequisites

PSY101ab	Intro Psy. I*	
PSY102ab	Intro Psy. II*	6

**Students in the Child and Youth Worker -
Clinical Psychology option (45 credits) do
not need to complete the Intro courses*

PSY206a	Personality I	
PSY207b	Personality II	
PSY213b	Research Methods	
PSY245a	Social Psy. I	
PMA260a	Statistics	
PBI288b	Brain Behavior I	
PMA353b	Psychometrics	
PMA360b	Adv. Statistics	24

*In addition, the four programs contain
specific courses. Please refer to the right
and left column of this table to find those
that apply to you.*

*Note that the number in bold represent
credits. A course is worth 3 credits.*

**Developmental Service Worker-
General Psychology option
(60 credits)**

Required course

PSY342a	History Psy.	3
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Cognitive - Take ONE

PBI217b	Motivation Emotion	
PSY302a	Perception	
PCS305b	Cognition	
PSY370a	Learning Memory	3

Developmental- Take TWO

PSY236a	Child Psy. I	
PSY237b	Child Psy. II	
PSY266b	Adult Aging	
PSY290b	Adolescence	6

Social- Take ONE

PSY204b	Sports: social	
PSY219b	Psy. Women	
BHR221	Org. Behavior	
PSY246b	Social Psy. II	3

Free options –

Any FIVE courses		15
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**Developmental Service Worker -
Health Psychology
(60 credits)**

Required courses

BIO131	Health Disease	
PSY266b	Adult Aging	
PBI275a	Health Psy. I	
PBI276b	Health Psy. II	
PCS305b	Cognition	
PBI327a	Psy. Nutrition	18

Free options –

Any FOUR courses		12
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COURSES

Important note: PSY101 and PSY102 (or their collegial equivalents) are prerequisites for all the other courses in the Psychology program. However, PBI191 and 200-Level courses may be taken concurrently. Exemptions may be granted with the permission of the instructor.

The following list includes courses which are normally offered by the department each year, as well as courses which are offered on a rotating basis. Those courses which are given only irregularly are listed separately at the end of this section.

Psychology 101a Introduction to Psychology I : Basic Processes 3-3-0

An introduction to the functioning and development of the basic cognitive processes: perception, learning, memory, thinking, intelligence and consciousness. Approaches and methods will also be discussed.

Professor McKelvie or Professor Drumheller

Psychology 102b Introduction to Psychology II: Human Interactions 3-3-0

An introduction to motivation, emotion, and personality as factors in human functioning. Approaches, methodology, social psychology and abnormal psychology are also discussed.

Professor McKelvie or Professor Drumheller

Psychology Biology 191a Introductory Biology 3-3-0

Scientific method, chemistry of life, cell structure, cell metabolism, respiration, photosynthesis, transport systems, origin of life, evolution genetics, reproduction, taxonomy, diversity of life (including microorganisms, fungi, plants and animals), ecosystems. *This course cannot be taken for credit by students enrolled in the 3-year neuroscience program, nor can it be taken for credit by anyone who already has credit for BIO 193, BIO191 or PBI100.*

For the laboratory that goes with this course (BIL191a) see the Biology section of the calendar.

Note that BIL191a cannot be taken for credit by anyone who already has credit for BIL 193 or BIL 199.

Psychology 203a Sport Psychology: Performance Enhancement 3-3-0

A systematic review of how individual factors influence and optimize sports performance. Major topics include introduction and research methods, personality, mood, motivation, learning and cognition. Both theory and application will be emphasized.

Students who have taken PSY208 (Sports Psychology) cannot take this course for credit
Professor McKelvie

Psychology 204b The Social Psychology of Sport and Exercise 3-3-0

A systematic review of the social aspects and effects of sport and exercise. Major topics include introduction and research methods, audience effects, leadership, team cohesion, aggression in athletes and fans, bias in judging, and benefits and costs of sports and exercise participation.

Professor McKelvie

Psychology 206a Personality I: Psychoanalytic and humanistic approaches 3-3-0

The fundamentals of psychoanalytic and humanistic thought as illustrated by theorists such as Freud, Jung, Adler, Horney, Erikson, Maslow and Rogers.

Students who have taken PSY107 (Personality) may not take this course for credits

Psychology 207b Personality II: Trait, learning and cognitive approaches 3-3-0

An examination of the bases of trait, social learning and cognitive personality theories. These perspectives are exemplified by the theories of Kelly, Bandura, Rotter, Allport and Cattell.

Students who have taken PSY107 (Personality) may not take this course for credits
Prerequisite : PSY 206

Psychology 213b Research Methods 3-2-2

Scientific bases of psychological theory; experimental and non experimental research methods; data analysis; report writing; critical analysis of published articles. Class projects are conducted, statistically analyzed, and written up.

Students who have taken PSY113 (Research Methods I) cannot take this course for credit

Prerequisite: PMA260a.

Corequisite: PMA360b

Professor McKelvie

Psychology Biology 217b Motivation and Emotion 3-3-0

An exploration of the underlying causes of human behavior. Topics include hunger and eating, sex and love, aggression, drug use/abuse and higher-level behaviors (e.g. creativity, attaining peak performance, goal setting, self-regulation). The role of emotions in guiding behavior will also be addressed.

Professor Bacon or Professor Drumheller

Psychology 219 Psychology of Women 3-3-0

In this course, gender stereotypes and biases are exposed while rape myths are debunked and sexual orientation is demystified. Gender comparisons in cognitive abilities and in social and personality characteristics are discussed. Other topics of interest include women and work, love relationships, sexuality, women and physical health, psychological disorders, sexual harassment and assault as well as physical abuse. This course is a must for those who enjoy class discussions!

Students who have taken PSY109 (Psychology of Women) cannot take this course for credit

Professor Charpentier

Psychology 236a Child Development I 3-3-0

The foundations of child development. Topics include basic genetics, prenatal development, birth, physical development, perceptual development, early learning and the classic theories of cognitive and socioemotional development.

Professor Bacon

Psychology 237b Child Development II 3-3-0

An in depth look at the cognitive and socioemotional development of infants and children. Topics include intelligence, memory and problem-solving skills, language and communication, development of the self, gender-role development, aggression, altruism, moral development and the influence of the family, school, peers and television on development.

Professor Bacon

Psychology Biology 241a Evolutionary Psychology 3-3-0

Evolutionary Psychology is the study of behavior founded within the framework of Darwin's Theory of Evolution through Natural Selection. The purpose of this course is to introduce the students to the principles of Evolutionary Psychology and to investigate the adaptive origins of many common behaviors such as cooperation, mating strategies, parenting, aggression and dominance.

Students who have taken PBI141 (Evolutionary Psychology) cannot take this course for credit

Professor Drumheller

Psychology 245a Social Psychology I 3-3-0

Methodology of social psychology; prejudice; sexism; social perception; attitude formation and attitude change; legal and clinical applications.

Professor Standing

Psychology 246b Social Psychology II 3-3-0

Social motives, such as aggression, attraction and altruism; group processes and social interaction; conformity and leadership; social institutions; environmental psychology.

Professor Standing

Psychology Mathematics 260a Psychological Statistics 3-2-1

Basic descriptive and inferential statistics developed from a conceptual perspective. Topics include measures of central tendency and variability, normal distribution, probability, confidence intervals, sampling distributions, hypothesis testing, power analysis, z-tests, t-tests and chi-square.

Students who have taken PMA160 (Psychological Statistics I) cannot take this course for credit

Students who have taken Physics 101a may not take this course for credit

Professor Stout

Psychology 266b Adult Development and Aging 3-3-0

An examination of psychological development during adulthood and old age. Research findings on age related changes in memory, health issues, adjustment, coping styles, and stress will be covered. Case studies will be used to explore various applications in society.

Professor Drumheller

Psychology Biology 275a Health Psychology I 3-3-0

Introduction to health psychology and the biopsychosocial model of health. Topics include: obtaining care and following health advice, the causes and consequences of stress, coping with pain, cardiovascular disease, behavioural factors in cancer, plus current issues in health.

Professor Standing

- Psychology Biology 276b Health Psychology II 3-3-0**
Selected topics in health psychology: methods of health research with emphasis on drug and cancer studies, chronic illness, preventing injuries, smoking tobacco, using alcohol and other drugs, diet and weight control, exercising, mental illness and health, death studies, history of medicine.
Professor Standing
- Psychology Biology 288b Brain and Behavior I 3-3-0**
An introduction to physiological psychology and to the complex relationship between brain activity and human behavior. Topics include structure and function of the brain, the neuron, neurotransmitters, neuroscience research methods and the physiology of the sensory and motor systems.
Students who have taken PBI128 (Physiological Bases of Behavior I) may not take this course for credit
Professor Bacon
- Psychology 290b Adolescence 3-3-0**
An examination of developmental issues in the adolescent period and related clinical phenomena: environmental influences (family, school, peers) and intra personal concerns (identity, sexuality, moral development); clinical conditions such as depression (suicide), eating disorders, and delinquency.
- Psychology 301a Abnormal Psychology 3-3-0**
An introduction to the experimental approaches, diagnoses, classifications, viewpoints, and therapeutic techniques used in abnormal psychology. Stress and adjustment disorders, eating disorders and substance-related disorders will be presented and discussed.
Students who have taken PSY341 (Abnormal Psychology) may not take this course for credits
- Psychology 302b Perception 3-3-0**
Based on a rich array of perceptual demonstrations, this course provides a comprehensive overview of how our senses, mostly vision and audition, allow us to know and understand the world. Topics include physiology of the sensory systems, perceiving objects and faces, color, depth and motion perception, visual illusions, music perception, perceptual illusions and perceptual impairments.
Prerequisite: PBI288b or permission of the instructor
Professor Standing or Professor Bacon
- Psychology Computer Science 305b Cognition 3-3-0**
Cognitive processes: language, memory, concepts, heuristics, the nature of thought, reasoning, problem solving, creativity, and anomalous beliefs.
Students who have taken PCS205 (Cognitive Psychology) cannot take this course for credit
Professor Standing
- Psychology 311b Major Psychopathologies 3-3-0**
This course follows abnormal psychology. Topics covered include organic and behavioural disorders, such as mood disorders, somatoform and dissociative disorders, personality disorders, sexual dysfunctions and deviations, schizophrenia, cognitive disorders as well as disorders of childhood and adolescence.
Students who have taken PSY341f (Abnormal Psychology) cannot take this course for credit
Prerequisite: PSY301
- Psychology 313a Advanced Research Methods 3-2-2**
Research methodology in the study of human behaviour. Formulation of the research proposal; presentation and discussion of results in APA format; factorial and correlational designs; computers in data analysis. Class and individual projects are conducted.
Students who have taken PSY215 (Research Methods II) cannot take this course for credit
Prerequisites: PSY213b, PMA260a and PMA360b
Professor Standing
- Psychology 325a Independent Studies I 3-0-0**
Theoretical or experimental work conducted under the direct supervision of two faculty members. The project and grading scheme needs to be approved beforehand by the Psychology Department.
Students who have taken PSY225 (Independent Studies I) cannot take this course for credit
- Psychology 326b Independent Studies II 3-0-0**
Theoretical or experimental work conducted under the direct supervision of two faculty members. The project and grading scheme needs to be approved beforehand by the Psychology Department.
Students who have taken PSY226 (Independent Studies II) cannot take this course for credit
- Psychology Biology 327a Psychology of Nutrition 3-3-0**
This course explores the many physiological, psychological and sociocultural factors that influence children and adults' food choice and preferences. The activity of eating is understood in its relation to physical and psychological health, body size and dissatisfaction, dieting, obesity, anorexia nervosa and bulimia nervosa.
Students who have taken PBI227 (Psychology of Nutrition) cannot take this course for credit
Professor Charpentier
- Psychology 330 Psychology and Ethics 3-3-0**
A wonderful way to learn how to think ethically in several areas of psychology. Students learn about the importance of fundamental ethical principles, values, theoretical and practical models of ethical decision-making and legal considerations, while engaged in the comparison of relevant ethics codes (with particular emphasis on the CPA code of ethics). Specialized topics include confidentiality, multiple relationships, the ethics of teaching, the ethics of counselling, the ethics of assessment, research ethics, and ethics in forensic settings. Class discussions are part and parcel of this course.
Professor Charpentier
- Psychology 333a Psychology of Exceptional Children 3-3-0**
A survey of various kinds of exceptionality in children, including intellectual disabilities, giftedness, speech and language differences, learning disabilities, hearing and vision impairments, behaviour disorders, health problems, and developmental disabilities.
Students who have taken PSY233 (Psy. of Exceptional Children) cannot take this course for credit
- Psychology 336b The Clinical Interview 3-3-0**
Techniques of clinical interviewing are explored by surveying various theories of change (psychoanalytic, existential, feminist, person-centered, cognitive-behavioral, reality, and postmodern). Emphasis is placed on the acquisition of both theoretical knowledge and practical skills that have direct relevance in applied settings. Class debates and discussions, role-playing, and use of video clips are pedagogical tools enjoyed by students.
Students who have taken PSY230 (Interviewing) cannot take this course for credit
Prerequisites: PSY206a and PSY207b
Co-requisite PMA353b or permission of the instructor
Professor Charpentier
- Psychology 337a Crisis Intervention 3-3-0**
Engaging class discussions, guest speakers, role plays, videos and practice-based lectures provide a framework for understanding what constitutes a crisis, various types of crises and key elements of crisis assessment and intervention that are practically relevant and that can be used in a variety of crisis situations. Specific crises examined include crises of lethality, conjugal violence, sexual assault, crises of loss and human-made disasters.
Students who have taken PSY231 (Crisis Intervention) cannot take this course for credit
Prerequisites: PSY206 and PSY207
Offered on a rotating basis
Professor Charpentier
- Psychology 342a History of Psychology 3-3-0**
An examination of the early conceptions of human nature that influenced psychology's development. The course is presented in two parts, the first examining the nature of history and the history of science. The second part explores the conception of humanity in ancient texts from Homer, Sophocles, Plato, Aristotle and Augustine.
Prerequisite: Open to students entering their third year
Professor Stout

Psychology Mathematics 353b**Psychometrics and Psychological Testing 3-3-0**

The psychometric properties of standard psychological tests: norms, reliability and validity. Critical examination of these properties for selected maximum and typical performance instruments.

Students who have taken PMA223 (Psychometrics) or PSY224 (Issues in Psychological Testing) cannot take this course for credit

Prerequisites: PSY213b and PMA260a

Professor McKelvie

Psychology Mathematics 360b**Advanced Psychological Statistics 3-3-0**

Advanced inferential statistics developed from a conceptual perspective. Topics include one and two-way analysis of variance, repeated measures anova, fixed and random designs, post-hoc and apriori tests. Explorations will also include correlation, regression and their relationship to anova and use of SPSS in analysis.

Students who have taken PMA161 (Psychological Statistics II) cannot take this course for credit

Prerequisite: PMA260a, or the Business (BMA140 or BMA141) or Physics (PHY101) equivalent.

Corequisite: PSY213b

Professor Stout

Psychology 370a Learning and Memory 3-3-0

A seminar course examining theories of learning and memory. The seminars follow a historical sequence examining changes in our understanding of learning and memory. Topics include classical conditioning, behavioural, cognitive and gestalt approaches to learning and memory.

Students who have taken PSY270 (Learning and Memory) cannot take this course for credit

Professor Stout

Psychology Biology 379a Clinical Neuropsychology 3-3-0

Neuropsychology is the study of the relationship between brain structures and behaviour. In this course we will explore the neuroanatomical correlates of both normal and abnormal behaviors in humans. Among the topics to be discussed are the behavioural sequelae of head injury, mood disorders associated with regional trauma and epilepsy, sex differences in cerebral organization, cerebral asymmetries, language and aphasia and the various disorders of perception. Depending on the interests of the students, special topics include dyslexia, alexithymia, Alzheimer's disease, alcoholism and schizophrenia.

Students who have taken PBI279 or BIO279 (Neuropsychology) may not take this course for credit

Prerequisite: PBI288b or permission of the instructor

Professor Drumheller

Psychology Biology 380b Psychopharmacology 3-3-0

This course is designed to introduce students in psychology and the natural sciences to the field of psychopharmacology. Emphasis will be placed on the relationships between psychoactive drugs, their mechanisms of action in the nervous system, and human behaviour. Following an analysis of the principles of pharmacology and pharmacokinetics, as well as the mechanisms of drug tolerance and dependence, the cognitive, emotional and behavioural aspects of specific classes of drugs will be examined. These classes of drugs will include sedatives, hypnotics; stimulants; narcotics; psychotomimetics, psychedelics and hallucinogens.

Students who have taken PBI280 or BIO280 (Psychopharmacology) may not take this course for credit

Prerequisite: PBI288b or permission of the instructor

Professor Drumheller

Psychology Biology 388a Brain and Behavior II 3-3-0

The physiological bases of motivated behavior (sleep, sex, hunger and thirst), emotions, learning/memory and language. The focus is on normal physiology but some aspects of abnormal physiology (e.g. amnesia, anxiety, schizophrenia) will be addressed.

Students who have taken PBI228 (Physiological Bases of Behavior II) cannot take this course for credit

Prerequisite: PBI288b or permission of the instructor

Professor Bacon

Psychology 440b Health Internship 3-3-0

The course will provide exposure to some practical aspects of the psychology of health. The student will be required to serve an internship for part of one day per week at a local health care facility or other approved institution (for a minimum of 36 hours in total), to attend regular meetings with the instructor, and to prepare a written final report that relates internship activities to issues taken from the academic literature.

Prerequisites: PBI275 (Health Psychology I) and PBI276 (Health Psychology II)

Professor Standing

Psychology 441a Advanced Clinical Seminar 3-1-2

As a link between The Clinical Interview (PSY336) and Clinical Practicum (PSY442), this course is taught as a series of student-led seminars on various clinical topics. Vigorous class debates, meaningful exchanges with guest speakers (from the community at large) and the opportunity to learn and apply basic interviewing skills with video tape feedback are all enriching aspects of this course. Students enrolled in a major program are welcome, providing that they have the prerequisites.

Prerequisites: PSY206, PSY207 and PSY336

Professor Charpentier

Psychology 442b Clinical Practicum 3-0-3

Aimed at providing students with hands-on experience, this course is completely practical: students spend 6 hrs/week under supervision in one of a number of applied settings. Field placements are possible in hospital and school settings, various community organizations, senior citizens' homes, alcohol and drug rehab centres, women's centres, etc., and are assigned in accordance with students' interests and competencies.

Prerequisite: PSY441

Professor Charpentier

Psychology 443b History of Psychology Seminar 3-3-0

A seminar course that examines the effects the scientific revolution on our conception of mind and psychology. The seminars are based on the writings of the Rationalists (Descartes, Spinoza, Leibniz), Empiricists (Locke, Berkeley, Hume) and those that reflect the emergence of Evolutionary thinking and its influences on our conceptions of mind/brain, consciousness and the nature of human science.

Students who have taken PSY343 (History of Psychology II) cannot take this course for credit

Prerequisite: PSY342

Professor Stout

Psychology Mathematics 460b Multivariate Statistics 3-3-0

An examination of multivariate statistical approaches to research. Topics include multiple correlation, regression, partial & semipartial analysis, stepwise regression, statistical control, hierarchical modeling, multiple regression with categorical and continuous variables, analysis of covariance, and multivariate analysis of variance.

Students who have taken PMA261 (Multivariate Statistics) cannot take this course for credit

Prerequisite: PMA360

Professor Stout

Psychology 498a Honours Seminar 3-3-0

This seminar aims at exploring cutting-edge issues in Psychological Science. Selected topics from these areas are presented and critically discussed. The course will also guide students as they get their Honours Thesis under way and address practical issues such as applications to graduate school, scholarship applications, GREs and career planning. *Students who have taken PSY449 (Honours Seminar: Advanced Topics) cannot take this course for credit*

Prerequisite: Only open to Honours students

Co-requisite: PSY499f

Professor Bacon

Psychology 499f Honours Thesis 6-0-0

Under the guidance of two faculty advisors, the student will formulate a proposal for original research involving the collection of data, undertake the research, and report it both as a public talk and in the form of a dissertation conforming to the publication style of the American Psychological Association.

Students who have taken PSY450 (Dissertation) cannot take this course for credit

Prerequisite: Only open to Honours students;

Co-requisite: PSY498

PMA 460b is an additional prerequisite for projects involving multivariate research.

Cognate Courses

These courses may count for Psychology credit.

BHR 221a	Organizational Behavior	3-3-0
EDU 301a	Educational Psychology	3-3-0
PHI 252b	Philosophy of Mind	3-3-0
REL 148a	Psychology of Religion	3-3-0

Courses offered on an irregular basis.

Psychology 210 Psychology of the Couple 3-3-0

This course is a survey of research on the psychology of the couple. Topics treated include: psychology of the female and male; factors in partner choice; bonding and love; commitment and contract; stages of coupling; divorce and recommitment. Psychodynamic, behavioural and systemic approaches to couple therapy will be examined.

Psychology 214 Community Psychology 3-3-0

Community Psychology is the study and application of psychological solutions to community-based problems. Through an analysis of the reciprocal relationship between person and environment (clubs, churches, schools, neighborhood, larger culture) Community Psychology emphasizes action and interventions whose aim is to prevent problems in living, promote social-psychological competencies and improve people's well-being. This course introduces students to the ways in which research and science intersect with the practical aspects of working successfully with people in their communities. Topics include the background and history of the field, community research methods, empowerment of disenfranchised groups, social support, cultural diversity, prevention, program evaluation and development of community intervention strategies.

Psychology 222 Group Dynamics and Therapy 3-3-0

This course introduces students to the principles and practices of group behavior, emphasizing dynamic processes (norms, roles, relations, development, social influence) which form a basis for group therapy as a branch of psychotherapy. Background, founders and key influences, contexts of use, techniques, methodology and current trends in group therapy will be discussed.

Psychology 277 Physical and Mental Health 3-3-0

This course will examine the mutual interaction between physical and mental health, using the biopsychosocial model as a conceptual framework. For example, depression as a factor in cardiovascular disease (and vice-versa), or the effect of diet upon behaviour disorders, will be explored with detailed attention to genetic, developmental, personality, lifestyle and social factors. Therapeutic interventions will also be covered, for example to compare the success of behavioural versus medical approaches in the treatment of depression. The course will include lectures and seminar presentations

Psychology 285 Psychology of Reading and Reading Disability 3-3-0

The aim of this course is to consider the psychological processes involved when we read. In particular, the skills that are acquired, the mechanisms involved, and the abilities that are essential will be examined. Why some people fail to acquire reading skills will also be examined. Answers to this question will focus on theoretical approaches to reading disability, and to the question of why some methods of remediation are successful.

Psychology 293 Multicultural Psychology 3-3-0

The place of culture in the evolution of psychology. Cultural similarities and differences in behaviour, thoughts, emotions, attitudes, motivations, mental and physical health, etc. Understanding that psychological principles can range from being universal to culture-specific.

Psychology 309 Industrial and Organizational Psychology 3-3-0

This course introduces students to theories and applications of psychology to human resource concerns in organizations. Topics include: Personnel recruitment, selection, training and performance appraisal; motivation; work attitudes; leadership; group behaviour; and other special topics (e.g., work related stress, applied ethics, and organizational conflict)

Students who have taken BHR221 cannot take this course for credit

Psychology Biology 320 Physiology and Pharmacology of Aging 3-3-0

The major physiological systems will be reviewed, with emphasis on how these systems change during the aging process and how these changes affect the individual's everyday functioning. Topics will include the cardiovascular system; respiratory system; metabolic regulation, digestion and absorption; and electrolyte and mineralocorticoid regulation. A review of basic pharmacological principles and mechanisms of action will follow this. Finally, we will discuss how the aging process interacts with various types of medications most frequently prescribed to elderly people, and some common idiosyncratic reactions seen in the elderly. Also, the special precautions which must be observed in prescribing and administering drugs to the elderly will be outlined.

Psychology 328 Occupational Health Psychology 3-3-0

This course examines the psychology related to developing and improving the physical and psychological well-being of individuals at work. Occupational health psychology is a developing field that uses psychology's particular understanding of individuals in combination with the expertise from other fields such as medicine, public health and engineering to help achieve safe, healthy and enriched work. Topics include a review of the types of mental health and well-being issues at work; the psychological approaches to occupational stress, health and safety; and an overview of programs and methods used to enhance well-being at work.

Psychology 329a Applied Memory and Cognition 3-3-0

Examination of memory and cognitive processes in everyday life, including specific settings (e.g., education, consumer, clinical, legal). Factors leading to high levels of performance and to slips and errors.

Students who have taken PSY229 (Applied Memory and Cognition) cannot take this course for credit

Professor McKelvie

Psychology 345 Family Dynamics and Therapy 3-3-0

A critical survey of major theories of family dynamics and family therapy, including psychoanalytic; existential, systemic, structural, and strategic approaches. The course also aims to further the student's understanding of his or her own family system through individual and group exercises.

Psychology 350 Environmental Psychology 3-3-0

Influence of the physical and cultural environment on behaviour, including factors such as heat, noise, crowding, traffic, buildings and urban design. Costs and benefits of city and rural lifestyles. Technology and the working environment. Population, resources and environment.

Psychology Biology 361 The Psychology of Sexuality 3-3-0

Various aspects of human sexuality from a psychological perspective. Includes the following topics: sexuality in childhood, adolescence, and early through late adulthood; sex differences; androgyny; transsexualism; sexual dysfunction and sex therapy; sexuality in the chronically ill and disabled; homosexuality and bisexuality; historical and cross cultural sexual attitudes and practices.

Psychology 367 Counselling of Older Adults 3-3-0

This course will introduce the student to the basic principles of counselling aged clients. The primary focus will be on the examination of the most common issues such as: various types of loss, remarriage, intergenerational conflicts, alcoholism, isolation, suicide, elderly abuse, as well as the intervention strategies used.

Psychology 386 Psychology of Language 3-3-0

The aim of this course is to provide students with a broad introduction to psychological phenomena in language acquisition and use. The structure of language and speech will be described briefly. Emphasis will be placed on a number of topics, including; language development, perception of language, word meaning and semantic memory, syntax and discourse processing, language production and conversational interaction, cultural influences and bilingualism, and language errors and disorders.

Psychology 408 Psychology of Consciousness 3-3-0

A critical examination of consciousness in scientific psychology. Major topics are the nature of consciousness (e.g., consciousness and brain, states of consciousness), the methodology for studying consciousness (e.g., introspection), and the function of conscious experience (e.g., free will, conscious processing in cognition).