

PSYCHOLOGY HONOURS (B.SC.) (60 CREDITS)

Offered by: Psychology (Faculty of Science)

Degree: Bachelor of Science

Program credit weight: 60

Program Description

Honours in Psychology prepares students for graduate study, and so emphasizes practise in the research techniques which are used in graduate school and professionally later on. Students are normally accepted into Honours at the beginning of their U2 year, and the two-year sequence of Honours courses continues through U3.

Recommended Background

It is expected that most students who enter the Honours program in Psychology will have taken introductory psychology, biology, and statistics at the collegial level. Recommended CEGEP courses include Psychology 350-101 or 350-102 or equivalent; Biology CEGEP objective 00UK, 00XU or equivalent; and Statistics (Mathematics) 201-307 or 201-337 or equivalent. Students must obtain a minimum grade of 75% in their CEGEP-level statistics course. In the first year, those students who have not taken the recommended collegial-level statistics course, or those who have obtained a grade below 75%, must take PSYC 204 Introduction to Psychological Statistics.. Those who have not taken the recommended collegial-level biology must take BIOL 111 Principles: Organismal Biology. or BIOL 112 Cell and Molecular Biology., and those who have not taken Introductory Psychology in CEGEP must take PSYC 100 Introduction to Psychology..

The application is available on the Psychology Dept website at: <http://www.mcgill.ca/psychology/undergraduate/current-students/research-....> The deadline is specified on the application form. Candidates will be informed of the Department's decision via email before classes begin in September.

Degree Requirements — B.Sc.

This program is offered as part of a Bachelor of Science (B.Sc.) degree.

To graduate, students must satisfy both their program requirements and their degree requirements.

- The program requirements (i.e., the specific courses that make up this program) are listed under the Course Tab (above).
- The degree requirements—including the mandatory Foundation program, appropriate degree structure, and any additional components—are outlined on the Degree Requirements page.

Students are responsible for ensuring that this program fits within the overall structure of their degree and that all degree requirements are met. Consult the Degree Planning Guide on the SOUSA website for additional guidance.

Note: For information about Fall 2025 and Winter 2026 course offerings, please check back on May 8, 2025. Until then, the "Terms offered" field will appear blank for most courses while the class schedule is being finalized.

Program Prerequisites

Admission to Honours is selective. Students with a cumulative grade point average (CGPA) of 3.00 or better are eligible to apply; however, since enrolment is limited, the usual CGPA for admission to this program is 3.50. Students must complete 27 graded credits in their U1 academic year to be eligible to apply to the Honours program.

Students must complete the following courses in their U1 year to be eligible to apply to the Honours program: PSYC 204 Introduction to Psychological Statistics., PSYC 211 Introductory Behavioural Neuroscience., PSYC 212 Perception., PSYC 213 Cognition., and PSYC 215 Social Psychology.. Students are advised to complete PSYC 305 Statistics for Experimental Design. in their U1 year. Once in the Honours program, the student must obtain a GPA of 3.00 in the U2 year in order to continue in the program for U3. Honours students are encouraged to take at least 27 graded credits per academic year. This is also usually the minimum number of credits required to be eligible for fellowships and awards.

U1 Required Courses (12 credits)

Note: PSYC 100 Introduction to Psychology. may be taken as a corequisite with these basic courses.

Expand allContract all

Course	Title	Credits
PSYC 211	Introductory Behavioural Neuroscience.	3
PSYC 212	Perception.	3
PSYC 213	Cognition.	3
PSYC 215	Social Psychology.	3

U1 or U2 Required Course (3 credits)

Expand allContract all

Course	Title	Credits
PSYC 305	Statistics for Experimental Design.	3

U2 Required Courses (9 credits)

Expand allContract all

Course	Title	Credits
PSYC 380D1	Honours Research Project Seminar.	4.5
PSYC 380D2	Honours Research Project Seminar.	4.5

U3 Required Course (3 credits)

Expand allContract all

Course	Title	Credits
PSYC 482	Advanced Honours Seminar.	3

Complementary Courses (33 credits)

12 credits to be selected from the list below and any Psychology course at the 500 level.

Expand allContract all

Course	Title	Credits
PSYC 403	Modern Psychology in Historical Perspective.	3
PSYC 483	Seminar in Experimental Psychopathology.	3
PSYC 495	Psychology Research Project 2.	6
PSYC 496	Senior Honours Research 1.	6
PSYC 497	Senior Honours Research 2.	6
PSYC 498D1	Senior Honours Research.	4.5
PSYC 498D2	Senior Honours Research.	4.5

List A

6 credits in Psychology from List A (Behavioural Neuroscience, Cognition, and Quantitative Methods).

Expand allContract all

Course	Title	Credits
NSCI 201	Introduction to Neuroscience 2.	3
PSYC 301	Animal Learning and Theory.	3
PSYC 302	Pain.	3
PSYC 306	Research Methods in Psychology.	3
PSYC 310	Intelligence.	3
PSYC 311	Human Cognition and the Brain.	3
PSYC 315	Computational Psychology.	3
PSYC 317	Genes and Behaviour.	3
PSYC 318	Behavioural Neuroscience 2.	3
PSYC 319	Computational Models - Cognition.	3
PSYC 329	Introduction to Auditory Cognition.	3
PSYC 340	Psychology of Language.	3
PSYC 341	The Psychology of Bilingualism.	3
PSYC 342	Hormones and Behaviour.	3
PSYC 352	Research Methods and Laboratory in Cognitive Psychology.	3
PSYC 353	Research Methods and Laboratory in Human Perception.	3
PSYC 403	Modern Psychology in Historical Perspective.	3
PSYC 406	Psychological Tests.	3
PSYC 410	Special Topics in Neuropsychology.	3
PSYC 413	Cognitive Development.	3
PSYC 415	Electroencephalography (EEG) Laboratory in Psychology.	3
PSYC 427	Sensorimotor Neuroscience.	3
PSYC 433	Cognitive Science.	3
PSYC 439	Correlational Techniques.	3
PSYC 443	Affective Neuroscience.	0-3
PSYC 444	Sleep Mechanisms and Behaviour.	3
PSYC 470	Memory and Brain.	3
PSYC 502	Psychoneuroendocrinology.	3
PSYC 506	Cognitive Neuroscience of Attention.	3
PSYC 513	Human Decision-Making.	3

PSYC 514	Neurobiology of Memory.	3
PSYC 522	Neurochemistry and Behaviour.	3
PSYC 526	Advances in Visual Perception.	3
PSYC 529	Music Cognition.	3
PSYC 531	Structural Equation Models.	3
PSYC 537	Advanced Seminar in Psychology of Language.	3
PSYC 538	Categorization, Communication and Consciousness.	3
PSYC 541	Multilevel Modelling.	3
PSYC 545	Topics in Language Acquisition.	3
PSYC 560	Machine Learning Tools in Psychology . ¹	3
PSYC 562	Measurement of Psychological Processes.	3

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1. Students who have taken COMP 202 Foundations of Programming. or COMP 204 Computer Programming for Life Sciences. and who have taken freshman linear algebra and calculus might instead consider taking COMP 551 Applied Machine Learning..
2. Students in both psychology and computer science are strongly encouraged to take COMP 551 Applied Machine Learning. over PSYC 560 Machine Learning Tools in Psychology ..

List B

6 credits in Psychology from List B (Social, Health, and Developmental Psychology)

Expand allContract all

Course	Title	Credits
PSYC 304	Child Development.	3
PSYC 309	Positive Psychology: Science of Well-Being.	3
PSYC 328	Health Psychology.	3
PSYC 331	Inter-Group Relations.	3
PSYC 332	Introduction to Personality.	3
PSYC 333	Personality and Social Psychology.	3
PSYC 337	Introduction to Psychopathology.	3
PSYC 339	Introduction to Applied Psychology.	3
PSYC 351	Research Methods and Laboratory in Social Psychology.	3
PSYC 408	Principles and Applications of Psychotherapy.	3
PSYC 409	Positive Psychology.	3
PSYC 411	Discrimination & Wellbeing in Marginalized Communities.	3
PSYC 412	Child Development: Psychopathology .	3
PSYC 414	Social Development.	3
PSYC 436	Human Sexuality and Its Problems.	3
PSYC 471	Human Motivation.	3
PSYC 473	Social Cognition and the Self.	3
PSYC 474	Interpersonal Relationships.	3
PSYC 475	Neuroscience of Social Psychology.	3

PSYC 483	Seminar in Experimental Psychopathology.	3
PSYC 491D1	Advanced Study: Behavioural Disorders.	3
PSYC 491D2	Advanced Study: Behavioural Disorders.	3
PSYC 507	Emotions, Stress, and Illness.	3
PSYC 509	Diverse Clinical Populations.	3
PSYC 512	Advanced Personality Seminar.	3
PSYC 528	Vulnerability to Depression and Anxiety.	3
PSYC 530	Applied Topics in Deafness.	3
PSYC 535	Advanced Topics in Social Psychology.	3
PSYC 539	Advanced Topics in Social Psychology 2.	3

9 credits at the 300 level or above selected from:

Anatomy and Cell Biology (ANAT), Biochemistry (BIOC), Biology (BIOL), Chemistry (CHEM), Computer Science (COMP), Mathematics (MATH), Physiology (PHGY), Psychiatry (PYST), Psychology (PSYC).