NEUROBIOLOGY (HBSc)

MAKE THE MOST OF YOUR TIME AT UTM!

We want to help you maximize your university experience, so we’ve pulled together information and interesting suggestions to get you started. As you review the chart on the inside pages, note that many of the suggestions need not be restricted to the year they are mentioned. In fact, activities such as joining an academic society, engaging with faculty and seeking opportunities to gain experience should occur in each year of your study at UTM. Read through the chart and create your own plan using My Program Plan found at www.utm.utoronto.ca/program-plans.

The career you choose will depend on your experience and interests. Visit the Career Centre to explore your career options.

Careers for Graduates: Animal assisted therapist; Neuropsychologist; Biological technician; Animal behaviourist; Research technician; Informationist; Regulatory/government affairs specialist.

Workplaces: Educational institutions; Medical/health organizations; Government; Behavioural health clinics; Scientific R&D.

Programs of Study (POSt)

- Specialist Program ERSPE2470 Behaviour, Genetics and Neurobiology (Science)

Check out...

How do we treat psychological disorders from a biological perspective? Enrol in PSY346H5 and discover the role of behaviour genetics, structures in the brain, and biochemistry in the nervous system in specific disorders. What’s neuroplasticity? Find out in PSY397H5 – a course that examines the plasticity of the brain and its relationship to behaviour.

What can I do with my degree?

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1ST YEAR


Use the Degree Explorer Planner and the Academic Calendar to plan your degree. After completion of 4.0 credits you may apply for a program of study (Subject P05) such as a double major in Psychology & Biology.

2ND YEAR

Enrol in courses PSY201H5, 202H5 or equivalent, BIO205H5, 206H5, 207H5, and PSY206H5. Second Year Notes for suggested prerequisites for upper year courses. Apply to the Specialist once 8.0 credits have been completed.

Consider applying for Research Opportunity Program (ROP) courses PSY299Y, BIO299Y and BIO399Y. Visit the EEO website for ROP Course Prerequisites. Attend the RGASC's P.A.R.T. to enhance your research skills.

3RD YEAR

Attain 2.0 credit from each of the following three streams: Behaviour, Genetics, and Neurobiology. See the Academic Calendar to view course listings for these categories.

Throughout your undergraduate degree:
- use the Degree Explorer to ensure you complete your degree and program requirements
- see the Office of the Registrar and the Psychology Academic Counsellor for assistance

Get experience in a psychology lab! Apply for PSY399H5 to collect, analyze and report data from experiments concerning the biological bases of psychology. Speak to the Psychology Academic Counsellor for details.

Establish a professional presence on social media (e.g., LinkedIn).

Attend the Psychology department’s Colloquium Series, Departmental Brown Bag Series, or the Human Communication Laboratory Research Talk Series to mingle and learn about new psychological discoveries.

Go to the Canadian Society for Brain, Behaviour and Cognitive Science Conference or the Animal Behaviour Society Conference.

4TH OR FINAL YEAR

Design and execute an independent senior thesis! Apply for PSY400Y5. Speak to the Psychology Academic Counsellor for application information.


Log on to ACORN and request graduation.

Market your skills to employers. Get your resume critiqued at the CC. Attend the CC workshop Now That I’m Graduating What’s Next? Write a strong application for further education. Attend the CC’s Mastering the Personal Statement workshop.

Revised on: 08/10/17
Skills developed in Behaviour, Genetics & Neurobiology

To be competitive in the job market, it is essential that you can explain your skills to an employer. Visit the Career Centre to learn how to articulate and market the following skills.

Communication: writing and speak effectively, as well as inform and explain ideas.

Research: design experiments and conduct studies; gather, analyze and interpret data; observe and compare people/data/things; and analyze ideas and information.

Critical thinking & problem-solving: make critical decisions under stressful situations, as well as perceive and understand individual differences.

Investigative: understand and identify neurological diseases.

Technical: perform laboratory procedures, maintain laboratory equipment and instrumentation; comply with quality control procedures.

Get involved

Check out student organizations on campus. Here are a few:

- Psychology Association of Undergraduate Students of Erindale (P.A.U.S.E).
- UTM Student Union (UTMSU)
- UTM Athletics Council (UTMAC)

For a listing of clubs on campus visit www.utm.utoronto.ca/clubs.

Services that support you

- AccessAbility Resource Centre (AARC)
- Career Centre (CC)
- Centre for Student Engagement (CSE)
- Experiential Education Office (EEO)
- Health & Counselling Centre (HCC)
- Indigenous Centre (IC)
- International Education Centre (IEC)
- Office of Student Transition (OST)
- Office of the Registrar (OR)
- Recreation, Athletics and Wellness Centre (RAWC)
- Robert Gillespie Academic Skills Centre (RGASC)
- UTM Library, Hazel McCallion Academic Learning Centre (HMALC)

FUTURE STUDENTS

Admission to UTM

All program areas require an Ontario Secondary School Diploma, or equivalent, with six Grade 12 U/M courses, or equivalent, including English. The admission average is calculated with English plus the next best five courses. The Grade 12 prerequisites this program are Advanced Functions, Biology and Chemistry. The approximate average required for admission is mid- to high-70s. More information is available at utm.utoronto.ca/viewbook.

Note: During the application process, applicants will select Psychology admissions category, but will not officially be admitted to a formal program of study until after second year (Specialist).

Sneak Peek

What are the principles underlying the study of the nervous system and behaviour? Find out in PSY290H5.

What’s in your genes? Take BIO207H5 to find out about the principles of Mendelian inheritance and modern genetics.

Student Recruitment & Admissions

Innovation Complex, Room 1270
University of Toronto Mississauga
3359 Mississauga Rd
Mississauga ON Canada L5L 1C6
905-828-5400
www.utm.utoronto.ca/prospective

Department of Psychology

Deerfield Hall, 4th Floor, Room 4098
University of Toronto Mississauga
3359 Mississauga Rd
Mississauga ON Canada L5L 1C6

Academic Counsellor: 905-828-3958
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www.utm.utoronto.ca/psychology