Neuroscience (HBSc)
Department of Psychology

Neuroscience is a highly interdisciplinary scientific field of study that offers insight into the structure and function of the brain and the nervous system. Our nervous system is responsible for an enormous range of tasks, from regulating essential body functions such as breathing and digestion to producing our thoughts, emotions, and behaviours. Neuroscientists are interested in understanding the normal development and activity of the nervous system, as well as what happens under atypical circumstances such as neurological injury, diseases, and disorders. Our Major program focuses on both Cellular/Molecular and Systems/Behavioural Neuroscience, and on how to be a skilled consumer of neuroscience research, providing a valuable foundation for a variety of career paths.

Complementary Programs: Psychology, Mental Health Studies, Human Biology, Molecular Biology, Computer Science.

Make the most of your time at UTSC!
We want to help you maximize your university experience, so we’ve pulled together information and suggestions to get you started, although there are many more! As you review the chart on the inside pages, note that many of the suggestions need not be restricted to the year they are listed. In fact, activities such as joining a student club, engaging with faculty and seeking opportunities to gain experience should occur in each year of your study.

Check out future career opportunities and skills acquired from completing this program:

Competencies & Skills
- Write and speak effectively; inform and explain ideas
- Design experiments and conduct studies; assemble and analyze data; make observations and comparisons to make valid conclusions
- Make critical decisions in stressful situations and understand individual differences
- Understand and identify neurological diseases
- Perform lab work; maintain lab equipment

Careers for Graduates
- Researcher in Hospitals or Universities
- Data Analyst
- Pharmaceutical Sales
- Rehabilitation Counsellor
- Neuropsychologist
- Disability Case Manager in Public Insurance
- Volunteer Coordinator in Disease-Focused Education
- Medical careers
- Science Educator

Further Education
- Neuroscience
- Biology
- Psychology
- Medicine
- Law
- Physiotherapy
- Occupational Therapy
- Public Health
- Education

Connect with Alumni at events on CLNx and through Partners in Leadership, 10,000 Coffees, LinkedIn and more!
For more information go to: uoft.me/alumni-services

NEED HELP CHOOSING YOUR PROGRAM?
See uoft.me/choosing
Neuroscience (HBSc) Major Program Pathway

**YEAR 1 (0 - 3.5 Credits)**
- 3.0 credits as follows: BIOA01H3, BIOA02H3, CHMA10H3, CHMA11H3, PSYA01H3, PSYA02H3.
- Explore different kinds of courses; this will also help with fulfilling breadth requirements and electives.
- Use our program checklists to plan your future courses: uoft.me/psy-checklists.

**YEAR 2 (4 - 8.5 Credits)**
- 3.5 credits as follows: BIOB10H3, BIOB11H3, NROB60H3, NROB61H3, PSYB55H3, PSYB70H3, and PSYB70H3 or STAB22H3.
- Use Degree Explorer and meet with your Program Advisor to ensure you are on track with your degree.

**YEAR 3 (9 - 13.5 Credits)**
- 1.0 credit from: NROC34H3, NROC36H3, NROC61H3, NROC64H3, NROC69H3.
- 0.5 credit from: BIOC14H3, NROC60H3, NROC63H3, NROC90H3 or NROC93H3, PSYC62H3.
- Develop your general academic skills by attending workshops offered by the Academic Advising & Career Centre and Centre for Teaching & Learning (CTL).

**YEAR 4 or FINAL YEAR (14 - 20 Credits)**
- 0.5 credit at the D-level in Psychology, Biology, or Neuroscience, as listed in your program requirements (see UTSC calendar for details).
- Use Degree Explorer to ensure you are on track to graduate.
- Register your “Intent to Graduate” on ACORN by the deadline.

**HOW TO USE THIS PROGRAM PATHWAY**
Read through each year; investigate what appeals to you here and in other Program Pathways that apply to you. Note that this Pathway is only a suggestion. For the most up to date information, please check the UTSC Calendar.

**Choose Your Courses Wisely**
- Use the Chemistry Help Centre.
- Get writing support at the CTL Writing Centre.
- Apply to the Psychology Department’s Budding Scholars program. Winners gain access to research talks and funding opportunities.

**Develop Your Academic & Research Skills**
- Attend the UTSC Faculty Mix & Mingle Fair to connect with professors and learn more about their specialties.
- Start building your Co-Curricular Record (CCR) and search for Experiential Learning opportunities.

**Apply Theory to Practice**
- Attend the UTSC Faculty Mix & Mingle Fair.
- Attend the UTSC Get Experience Fair in September and register with SCSU’s Volunteer Network Program to explore opportunities.

**Become an Engaged Citizen (Locally & Globally)**
- Join the Psychology and Neuroscience Departmental Association (PNDA) to connect with students in neuroscience; explore other student groups as well.
- Volunteer in the Alternative Reading Week to gain experience and knowledge about social change and community development; visit Department of Student Life (DSL) for details.

**Plan for Your Future Career**
- Gain experience by applying for a summer, part-time or Work Study position via CLNx.
- Consider completing a Supervised Study course (NROC90H3).
- Consider completing for the UTSC Library Undergraduate Research Prize, the NSERC Undergraduate Student Research Awards, and the U of T Excellence Award (UTEA).

**For the most up to date information, please check the UTSC Calendar.**
Neuroscience (HBSc)
Department of Psychology

SERVICES AT UTSC THAT SUPPORT YOU:
To learn about resources and departments that can support you, download the UTSC Student Experience app or visit uoft.me/StARTNow

Diversity & Inclusion
The University of Toronto Scarborough commits to intentionally foster a welcoming and supportive environment for students, faculty, and staff where diversity is valued, and every member of the community feels a sense of belonging on campus.
utsc.utoronto.ca/edo/

Academic Integrity
The university community supports an environment of academic integrity; these are values that include honesty, trust, fairness, respect and responsibility. Learn about the university’s academic rules and how to avoid accidental plagiarism by attending an Academic Integrity Matters (AIM) workshop.
academicintegrity.utoronto.ca/

Healthy Campus
UTSC provides supportive environments, resources and services to empower students to maintain their overall physical and mental health and foster their academic success.
uoft.me/healthycampus/

Co-Curricular Record
The co-curricular record is an official institutional document that recognizes your involvement outside the classroom as a significant part of your U of T experience.
clnx.utoronto.ca/ccc

DID YOU KNOW...
UTSC is home to the Graduate Dept. of Psychological Clinical Science, offering an MA/PhD program in clinical psychology.

FUTURE STUDENTS
For admission requirements to UTSC, check out the U of T Scarborough Viewbook or contact:

Admissions & Student Recruitment
University of Toronto Scarborough
Room HL104, Main Floor, Highland Hall
416-287-7529
admissions@utsc.utoronto.ca

CURRENT STUDENTS
Departmental Contact
Ainsley Lawson,
psychology-undergraduate@utsc.utoronto.ca

Neuroscience Librarian
Sarah Guay, sarah.guay@utoronto.ca,
416-287-7497

Academic Advising & Career Centre
Room AC213 | 416-287-7561

Department of Student Life
Room SL157 | 416-208-4760

Psychology and Neuroscience Departmental Association,
https://www.facebook.com/thepnda/

DISCLAIMER: Please refer to the calendar for the most current and accurate information on programs and degrees: utsc.calendar.utoronto.ca

Glossary of acronyms:
AA&CC - Academic Advising & Career Centre
CCR - Co-Curricular Record
CLNx - Career & Co-Curricular Learning Network
CTL - Centre for Teaching and Learning
DSL - Department of Student Life
ISC - International Student Centre
PNDA - Psychology and Neuroscience Departmental Association
SCSU - Scarborough Campus Student Union