



Career Options after Neuroscience

the study of the nervous system
www.utsc.utoronto.ca/psych
Co-op, Specialist, Major

What is Neuroscience?

Neuroscience is a Science which emphasizes multidisciplinary understanding of how the nervous system works. It focuses on unraveling some of the mysteries of the brain and its mechanisms of action, including dysfunctions. Neuroscience includes aspects of:

- Anatomy
- Biochemistry
- Molecular biology
- Pharmacology
- Physiology
- Psychology
- Zoology

Skills of Neuroscience Grads

- Analyze ideas and information
- Communicate clearly, both orally and in writing
- Design experiments and conduct studies
- Gather, analyze and interpret data
- Identify and understand needs
- Inform and explain ideas
- Make critical decisions under stressful situations
- Observe and compare people, data and things
- Perceive and understand individuals
- Computational modelling
- Neuroimaging

What makes UTSC Neuroscience unique?

UTSC has tremendous research strength in neuroscience. The Centre for the Neurobiology of Stress at Scarborough is comprised of behavioural neuroscientists from the Department of Psychology and molecular and systems neuroscientists from the Department of Biological Sciences, reflecting a truly integrative approach to Neuroscience.

Entry-Level Jobs for Bachelor Grads

Common employment destinations include:

- Research Assistant in Hospitals or Universities
- Rehabilitation Counsellor in Non-Profits
- Community Programs Organizer in Non-Profits
- Disability Case Manager in Public Insurance
- Volunteer Coordinator in Disease-Focused Education
- Sales in Pharmaceuticals or Medical Devices
- Teaching Assistant / Tutor in Private Schools
- Administrator in Hospitals and NGOs

The Career Directory: www.canadastop100.com/tcd

Graduate & Professional Studies

Popular further education opportunities include:

- Psychology – Master of Science (*Research*)
- Medicine – Doctor (MD)
- Law School – JD (Juris Doctor)
- Social Work – Bachelor or Master
- Occupational Therapy – Master
- Physical Therapy – Master
- Speech & Language Pathology – Master
- Education – Bachelor or Master
- Radiation Technology – Diploma or Bachelor
- ABA Behaviour Therapy – Graduate Certificate

Use LinkedIn!

UTSC Neuroscience graduates are working in Healthcare, Education and Business.

Attend our LinkedIn workshop to learn about the *Find Alumni* tool for networking!

Neuroscience Grads from UTSC have gone on to:

- Centre for Addictions and Mental Health
- Estee Lauder
- Princess Margaret Cancer Centre
- St. Michael's Hospital
- Toronto District School Board



Examples of Fields that 'Fit' the Skills of Neuroscience Grads

- Social Services
- Healthcare
- Insurance
- Consulting Services
- Government (Federal, Provincial, Regional, Municipal)
- Research
- Education
- Non-Profit Causes (Disorder/Disease-specific)

Your 4-Year Career Exploration Action Plan

1 Do Your Research

The databases below provide you with details about job prospects, nature of work, educational requirements, working conditions, pay and related career paths:

Career Cruising: Log into cln.utoronto.ca, click on Resources, and click on Career Cruising to be logged in automatically

O*Net: online.onetcenter.org (U.S. site)

Attend our workshop **Discover Your Skills and Career Options**, meet with a Career Counsellor, and use our resources to get to know your skills, values, personality and interests:

www.utsc.utoronto.ca/aacc/get-know-yourself

Use the advice on our tip sheets for gathering info: www.utsc.utoronto.ca/aacc/tipsheets

- Information Interviews
- Working On-Campus
- Internships
- Volunteering

3 Build Your Network

Explore **Professional Associations** and get involved: volunteer for their events and conferences, and get to know people in your industry of interest. These are your future mentors, supervisors and colleagues!

Psychology and Neuroscience Department Association - www.thepnda.ca

Canadian Association for Neuroscience - can-acn.org

Society for Neuroscience - www.sfn.org

Canadian Neurological Sciences Federation - www.cnsfederation.org

Canadian Psychological Association - www.cpa.ca

Canadian Mental Health Association - www.cmha.ca

Canadian Psychiatric Association - www.cpa-apc.org

College of Psychologists Ontario - www.cpo.on.ca

Canadian Counselling and Psychotherapy Association - www.ccpa-accp.ca

Other websites for finding networking opportunities and experience include:

Charity Village Events Listings (Disease-Related Non-Profits) - www.charityvillage.com

Careers in Mental Health and relevant associations - www.workinginmentalhealth.ca/forms/career.aspx

2 Explore Career Options & Get Experience

Gain exposure to your options in the world of work and make connections while you're a student via campus events and programs listed on cln.utoronto.ca and ccr.utoronto.ca:

- [Extern Job Shadowing](#)
- [In the Field](#)
- [Explore It!](#) (course-based)
- [Partners in Leadership](#) (4th year students)
- [iLead, uLead, weLead](#) (Dep't of Student Life)
- Employer Information Sessions
- Career & Volunteer Fairs
- [Departmental Student Association](#) Events

Apply for [Work Study](#) jobs in CLN in Fall and Spring! You might also find work via www.scsu.ca/jobs.

Find networking opportunities, internship programs and entry-level jobs via websites like www.talentegg.ca and www.charityvillage.ca.

As an upper year student (14+ credits), attend UTSC's [Get Hired Conference](#) and participate in [Jobs for Grads](#).

As a graduate, explore internships and other trainee programs like www.careeredge.ca

Please note: This document is a starting point for your further research into career options in this field of study. For more information on this program and course requirements, please visit the departmental website at the top of the first page.