

What can I do with a Major in **Neuroscience**?



For more information on the Neuroscience Major at the U of L:

<http://www.uleth.ca/artsci/neuroscience>

Faculty of Arts & Science

EP1252 Exploration Place

Phone: 403-394-3900

Email: See [Contact Website](#)

Academic Advising:

<http://www.uleth.ca/ross/academic-advising>

The Neuroscience Program at the University of Lethbridge

Neuroscience is the study of the body's nerve systems and how they affect human behaviour. Neuroscience is a multidisciplinary major leading to a Bachelor of Science degree. The program provides background for a diverse range of post-graduate activities and is a popular area of study for students who wish to gain entry into graduate programs in Medicine, Dentistry, and other professional programs related to medical science.

The U of L is home to the world-class Canadian Centre for Behavioural Neuroscience (CCBN). The CCBN facility that enables a growing number of principal investigators, their trainees, visiting scientists and technical staff to conduct basic and applied research on all areas involving the brain. The CCBN provides a unique and highly collaborative environment equipped with state of the art equipment and a range of neuroscience tools.

Skills Developed

- | | | |
|--|---|---|
| • Critical Thinking | • Inform & Explain Ideas | • Project Management & Supervision |
| • Design Experiments & Conduct Studies | • Interpersonal | • Research |
| • Desire for Lifelong Learning | • Interpret & Explain Scientific Research | • Technical |
| • Experience in Report Writing | • Laboratory | • Understand Individual Differences |
| • Gather, Analyze & Interpret Data | • Meet Deadlines | • Understanding of Neurological Processes & Disease |
| | • Oral & Written Communication | |
| | • Organizational | |

Work Environments

The Neuroscience program provides an excellent background for students who wish to gain entry into graduate programs in medicine, dentistry, and other professional programs related to medical science and biotechnology. The program also provides an excellent background for students aiming to pursue further professional training in education, law, and social services. Graduates of the Neuroscience program may seek employment in research or academic institutions, health care organizations and hospitals, biotechnology/chemical industries, clinical psychology practices, governmental organizations, mental health clinics, non-profit and non-governmental organizations, pharmaceutical manufacturing companies, social services agencies, public and private recreation organizations and public health organizations.

Key Areas of Specialization:

Clinical, Computation, Human Cognition, Human-Computer Interaction, Developmental Neuroscience, Comparative Cognition, Behavioural Neuroscience, Molecular Neuroscience, Neurobiology

Entry Level Job Titles

These jobs are normally intended for new graduates and require 0 to 2 years of experience. It is important to note that many entry level positions require *some* related experience or demonstrated ability to perform job-related tasks. Even those positions that do not *require* experience will still prefer an experienced candidate, if one is available.

- Admissions Counsellor
- Assistant Clinical Research Coordinator
- Clinical Subjects Associate
- Clinical Trials Lab Assistant
- Consultative Sales Position
- Entry Level Account Executive
- Entry Level Behaviour Interventionist
- Health Educator
- Lab/Research Technician
- Logistics Coordinator
- Neuroscience Granting Specialist
- Psychological Assistant
- Referral Intake Specialist
- Research Analyst (Geriatric Mental Health Services)
- Research Assistant
- Science/Technical Writer
- Territory Sales & Technical Support Representative
- Therapy Assistant

Note: The U of L offers various resources and programs to facilitate students in gaining work and volunteer experience. Find an entry level position on the [CES job board](#) or join the [Management](#) or [Arts & Science](#) Cooperative Education Programs. Summer jobs, part-time work, internship positions and volunteer experience help students to enhance their skillset, and accumulate work experience for their future career.

Related Job Titles

These jobs generally require extensive, relevant work experience and/or further education.

- Addictions Worker
- Artificial Intelligence/Robotics Technician
- Autism Interventionist
- Behaviour Therapist
- Biochemist
- Biomedical Engineering Technologist
- Biomedical Lab Technician
- Biotechnology Assistant
- Clinical Informatics Specialist
- Clinical Psychologist
- Clinical Research Associate/Scientist
- Cognitive/Behavioural Therapist
- Consulting Neurologist
- Correctional Service Officer
- Developmental Psychologist
- Educator
- EEG Technologist
- Genetic Counsellor
- Geneticist
- Government Technology Consultant
- Health Care Planner/Consultant
- Hospital Administrator
- Industrial Lab Researcher
- Information Analyst
- Instructor
- Journalist
- Kinesiologist
- Lab Animal Care Technician
- Market Researcher
- Medical Equipment Sales
- Medical Magazine Editor
- Medical Researcher
- Medical Science Liaison
- Mental Health Worker
- Microbiologist
- Neurobiologist
- Neurochemist
- Neuroimaging Technician
- Neurologist
- Neuromuscular Physician
- Neuropathologist
- Neuropsychologist
- Neuroscience Nurse
- Neuroscientist
- Neurosurgeon
- Occupational Therapist
- Pharmaceutical Sales Representative
- Pharmacologist
- Physical Therapist
- Physician

- Policy & Procedure Coordinator
- Policy Developer
- Project Officer
- Prospect Researcher
- Psychiatrist
- Psychologist
- Psychologist
- Psychometrist
- Public Health Officer
- Rehabilitation Counsellor
- Research Collaboration Coordinator
- Research Lab Technician
- Research Program Specialist (Neuroscience)
- Research Scientist
- Science Advocate
- Science Journalist
- Science Publisher
- Scientific Research Department Manager
- Speech-Language Pathologist
- Technical Writer
- Toxicologist
- University Professor

Thinking Outside the Box: Other Possible Job Title

On average, people change their careers three to five times in their lifetime. So, no matter what major you choose, you may still be interested in opportunities totally unrelated to your program of study. We encourage you to be open to all possibilities! Your undergraduate degree can be a springboard for other educational pursuits, and your transferable skills and experience can prepare you to work in a multitude of settings.

- Anesthesiologist
- Audiologist
- Chiropractor
- Computer Scientist
- Counsellor
- Criminologist
- Dentist
- Engineer
- Entrepreneur
- Epidemiologist
- Ethics Consultant
- Financial Analyst
- Food Scientist
- Forensic Science Technician
- Hospital Administrator
- Insurance Agent
- Lawyer
- Neural Engineer
- Nurse
- Patent Agent
- Personal Support Work
- Pharmaceutical Marketer
- Pharmacist
- Philosopher
- Social Worker
- Statistician
- Veterinarian

Useful Resources

Recommended websites to assist in exploring the field of Neuroscience and its career opportunities.

Canadian Centre for Behavioural Neuroscience –
University of Lethbridge
<http://www.uleth.ca/research/canadian-centre-behavioural-neuroscience-ccbn>

Canadian Medical Association
<http://www.cma.ca/>

Canadian Society for Brain, Behaviour & Cognitive Science
<https://www.csbbcs.org>

Canadian Neurological Sciences Federation
<http://www.cnsfederation.org>

Psychologists Association of Alberta
<http://www.psychologistsassociation.ab.ca>

Canadian Association of Neuroscience Nurses
<http://www.cann.ca>

Canadian Association for Neuroscience
<http://can-acn.org>

American Neurological Association
<http://www.aneuroa.org/>

Canadian Psychological Association
<http://www.cpa.ca>

American Society for Neurochemistry
<http://www.asneurochem.org>

International Behavioral Neuroscience Society

<http://www.ibnsconnect.org/>

International Brain Research Organization

<http://ibro.info>

International Society for Neurochemistry

<http://neurochemistry.org>

British Neuroscience Association

<http://www.bna.org.uk>

Society for Neuroscience

<http://www.sfn.org>

Neuroscience News

<http://neurosciencenews.com>

Campus Resources

Career & Employment Services (CES)

<http://www.uleth.ca/ross/ces/>

Career Counselling (Counselling Services)

<http://www.uleth.ca/counselling/>

Academic Advising

<http://www.uleth.ca/ross/academic-advising>

Native Student Advising

<http://www.uleth.ca/ross/native-student-advising>

Student Success Centre – Study Skills, Learning
Strategies & Tutoring

<http://www.uleth.ca/student-success-centre/>

Accommodated Learning Centre

<http://www.uleth.ca/ross/accommodated-learning-centre/>

International Centre for Students

<http://www.uleth.ca/international/>

Registrar Office & Student Services

<http://www.uleth.ca/ross/>

Scholarship & Students Finance

<http://www.uleth.ca/ross/student-finance/>

U of L Students' Union & Student Clubs

<http://www.ulsu.ca/>

Campus Job Resources

Career & Employment Services Job Board

[CES Job board](#)

Arts & Science Applied Studies

<http://www.uleth.ca/artsci/applied-studies/students>

Arts & Science Co-op Education & Internship

<http://www.uleth.ca/artsci/coop>

Management Co-op Education

<http://www.uleth.ca/management/co-op>

Study Abroad & Exchanges

<http://www.uleth.ca/international/content/study-abroad-exchanges>

Management Study Abroad & Exchanges

<http://www.uleth.ca/management/study-abroad>

Career & Employment Services (CES)

CES assists U of L students and graduates with their career exploration and work search needs.

AH154 Anderson Hall, Phone: 403-329-2000

Mon- Fri: 9:00 a.m. to 12:00 p.m.

1:00 p.m. to 4:00 p.m.