

Major in Neuroscience

7 Reasons to Study Neuro at Dal

1. **One-of-a-kind:** Pioneer of undergrad Neuroscience in Canada
2. **Professors:** Learn from award-winning faculty
3. **Reputation:** World-renowned researchers
4. **Research:** Wide-range of opportunities to participate in hands-on research
5. **Focus:** Learn about the structure & function of the brain
6. **Interdisciplinary:** Integration with Psychology, Cell Biology, Genetics, Biochemistry, Anatomy, and more!
7. **Excellent facilities:** Study spaces, research labs, and active student societies

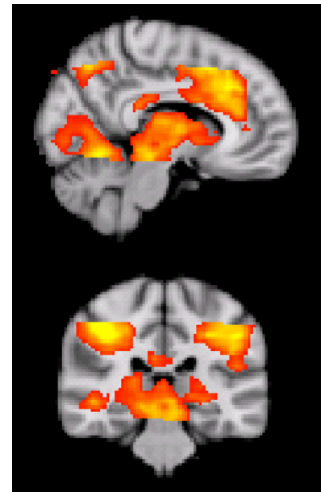
What next?

1. **Medicine**
 2. **Research**
 3. **Pharmaceutical Industry**
 4. **Government**
 5. **Audiology**
 6. **Neuropathologist**
 7. **Law**
- And much more!!

Undergraduate degree available as a Bachelor of Science (BSc)

You'll study the structure and function of the brain and nervous system, learn how a nervous system functions, and what goes wrong in neurodevelopmental, psychiatric, and neurological disorders, by combining many life sciences into one integrated discipline.

If you've ever wondered about the underlying mechanisms that influence our brain, behaviour, and diseases--then you've wondered about the things we study in neuroscience.



Undergraduate Programs

Bachelor of Science (BSc)

Honours in Neuroscience (BSc + 4th-yr research project)

Graduate Programs

Master of Science (MSc) in Neuroscience

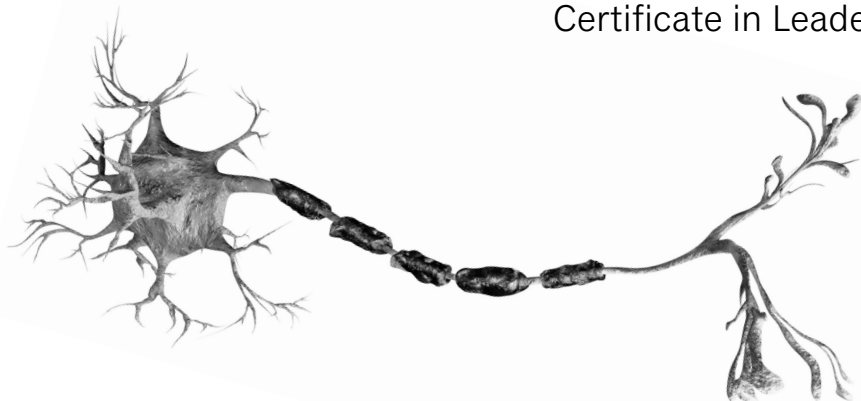
Doctorate (PhD) in Neuroscience

Certificates

Certificate in Animal Behaviour

Certificate in Neurotechnology

Certificate in Leadership and Science Communication



**DALHOUSIE
UNIVERSITY**
Faculty of Science

Neuroscience Degree (BSc)

“I didn’t realize it was possible to gain such valuable hands-on research experience in an undergraduate degree.”

- Tareq Yousef (BSc Neuroscience '15)



Year-by-Year Courses at a Glance

For more detailed descriptions, please visit dal.ca/psychandneuro

Year 1

PSYO 1011* (B-)	BIOL 1010* (B-)	CHEM 1011	MATH 1215 or 1000	Elective
PSYO 1012* (B-)	BIOL 1011* (B-)	CHEM 1012	MATH/STATS Elective	Elective

*Or equivalent

Year 2

NESC 2007	PSYO 2501	NESC 2570	2000-lvl NESC Elective	Elective
NESC 2470	BIOL 2020	2000-lvl NESC Elective	Elective	Elective

Years 3 & 4 (120 credit hour major)

NESC LAB Elective	NESC Elective ¹	3000 or 4000-lvl NESC Elective	3000 or 4000-lvl NESC Elective	Elective	Elective	Elective	Elective	Elective	Elective
NESC LAB Elective	NESC Elective ¹	3000 or 4000-lvl NESC Elective	3000 or 4000-lvl NESC Elective	Elective	Elective	Elective	Elective	Elective	Elective

¹Selected from: NESC3043, 3052, 3131, 3132, 3133, 3134, 3162, 3165, 3170, 3180, 3190, 3227, 3237, 3260, 3264, 3270, 3670, 3770, 3790, 3970, BIOL3020, PHAC3001, PHAC4001, PHYL3420

Years 3 & 4 (Honours)

PSYO 3502 (3 rd yr)	3000-lvl NESC LAB Elective	3000-lvl NESC LAB Elective	3000-lvl NESC Elective ²	3000-lvl NESC Elective ²	Elective	Elective	Elective	Elective	Elective
NESC 4500	NESC 4500	4000-lvl NESC Elective ³	4000-lvl NESC Elective ³	3000 or 4000-lvl NESC Elective	3000 or 4000-lvl NESC Elective	Elective	Elective	Elective	Elective

²Selected from: NESC3043, 3052, 3131, 3132, 3133, 3134, 3162, 3170, 3180, 3190, 3227, 3237, 3260, 3264, 3270, 3670, 3770, 3790, 3970, BIOL3020, PHAC3001, PHYL3420

³Selected from: NESC4000, 4007, 4050, 4070, 4130, 4140, 4160, 4170, 4177, 4185, 4230, 4374, 4376, 4587, 4740