



## Why Major in Neuroscience?

Are you curious about the nervous system, its functioning, and related conditions & diseases?  
Then a degree in Neuroscience might be for you!



### AWARD-WINNING FACULTY

Members of our faculty have been recognized for their contributions to research and their outstanding approach to teaching



### DIVERSE COURSE OFFERINGS

Our courses cover a variety of topics in Neuroscience and offer opportunities for active, experiential, and interactive learning



### RESEARCH OPPORTUNITIES

Earn course credit, work, or volunteer while conducting meaningful research under the supervision of one of our faculty members



### HANDS-ON LEARNING

Many of our courses offer opportunities for active, experiential, and interactive learning



### LEARN & TRAVEL

Travel abroad while completing your degree. Our department has a unique exchange program with Maastricht University, The Netherlands

## Our Alumni have gone on to pursue:

- Neuroscience Research
- Medicine
- Law
- Dentistry
- Physiotherapy
- Vision Science
- MBA
- Pharmacy
- Entrepreneurship
- Much more!

## Undergraduate Programs

- Bachelor of Science (BSc) in Neuroscience (Major or Double Major)
- Bachelor of Arts (BA) in Neuroscience (Major or Double Major)
- Honours in Neuroscience (BSc or BA)
- Combined Honours in Neuroscience (BSc or BA)
- Minor in Neuroscience

## Graduate Programs

- Master of Science (MSc) in Psychology & Neuroscience
- Doctorate (PhD) in Psychology & Neuroscience

## Certificates

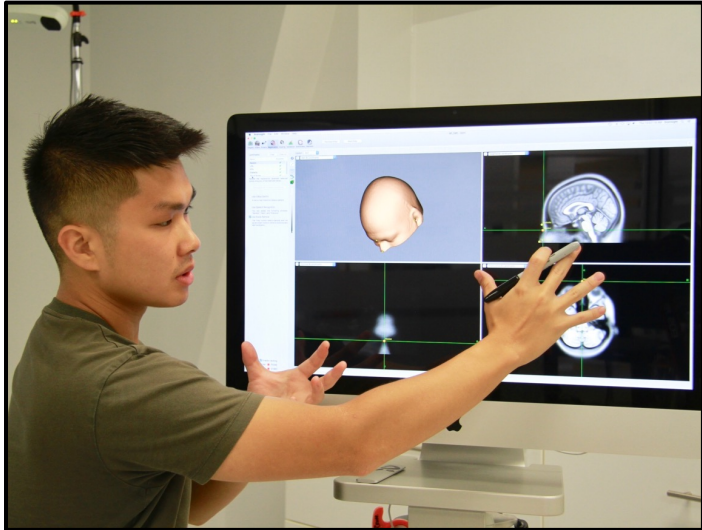
- Certificate in Animal Behaviour
- Certificate in Neurotechnology Innovation
- Certificate in Leadership & Science Communication
- Certificate in Innovation & Entrepreneurship



# Neuroscience Degree (BSc)

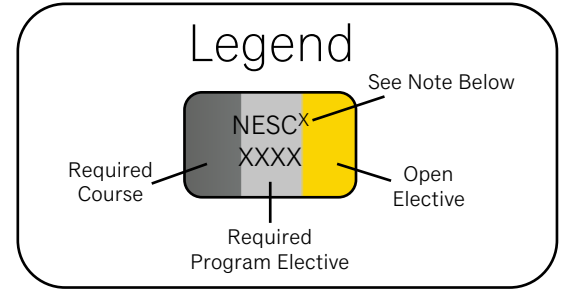
## Year-by-Year Courses At a Glance

For more detailed descriptions, please visit [dal.ca/psychandneuro](http://dal.ca/psychandneuro)



**“The Neuroscience program at Dal has given me a broad understanding of the field, while also allowing me to pursue my own research endeavours.”**

- Ernest Ng (BSc Neuroscience '23)



### 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 2000*	PSYO 2501	NESC 2570	2000-lvl NESC Elective	Elective
NESC 2470	BIOL 2020	2000-lvl NESC Elective	Elective	Elective

\*Students pursuing an Honours degree require a grade of B+ or higher in NESC 2000

### Years 3 & 4 (120 credit hour major)

3000-lvl NESC LAB Elective <sup>1</sup>	3000-lvl NESC Elective <sup>2</sup>	3000 or 4000-lvl NESC Elective	3000 or 4000-lvl NESC Elective	Elective	Elective	Elective	Elective	Elective	Elective
3000-lvl NESC LAB Elective <sup>1</sup>	3000-lvl NESC Elective <sup>2</sup>	3000 or 4000-lvl NESC Elective	3000 or 4000-lvl NESC Elective	Elective	Elective	Elective	Elective	Elective	Elective

<sup>1</sup>Selected from: NESC 3051, 3131, 3133, 3134, 3137, 3161, 3165, 3370, 3371, 3440, 3505

<sup>2</sup>Selected from: NESC 3162, 3170, 3180, 3190, 3227, 3237, 3264, 3270, 3670, 3770, 3970, PHAC 3001, PHAC 4403, PHAC 4409, PHYL 3420

### Years 3 & 4 (Honours)

3000-lvl NESC LAB Elective <sup>1</sup>	3000-lvl NESC LAB Elective <sup>1</sup>	3000-lvl NESC Elective <sup>2</sup>	3000-lvl NESC Elective <sup>2</sup>	3000 or 4000-lvl NESC Elective	Elective	Elective	Elective	Elective	Elective
NESC 4901	NESC 4902	PSYO 3502	4000-lvl NESC Seminar	4000-lvl NESC Seminar	3000 or 4000-lvl NESC Elective	Elective	Elective	Elective	Elective

<sup>1</sup>Selected from: NESC 3051, 3131, 3133, 3134, 3137, 3161, 3165, 3370, 3371, 3440, 3505

<sup>2</sup>Selected from: NESC 3162, 3170, 3180, 3190, 3227, 3237, 3264, 3270, 3670, 3770, 3970, PHAC 3001, PHAC 4403, PHAC 4409, PHYL 3420

