

YEAR 1




NEUR 1202
*Neuroscience of Mental Health
and Psychiatric Disease*

NEUR 1203
*Neuroscience of Mental Health
and Neurological Disease*



BIOL 1103 & 1104
Foundations of Biology



CHEM 1001 & 1002
General Chemistry

COMP 1005 & 1006
*Introduction to Computer
Science*

OR

PHYS 1007 & 1008
Elementary University Physics


OR



PHYS 1107 & 1108
*Introductory University
Physics*


OR

PSYC 1001 & 1002
Introduction to Psychology



**MATH 1007 OR
MATH 1107**
*Elementary Calculus I or Linear
Algebra*

YEAR 2



NEUR 2001
*Introduction to Research
Methods in Neuroscience*

NEUR 2004
*Fundamentals of Scientific
Writing in Neuroscience*

NEUR 2201
*Cellular and Molecular
Neuroscience*

NEUR 2002
*Introduction to Statistics in
Neuroscience*


NEUR 2202
*Neurodevelopment and
Plasticity*



BIOL 2201
Cell Biology and Biochemistry

BIOL 2107
Fundamentals of Genetics

YEAR 3




NEUR 3001 & 3002
*Data Analysis in
Neuroscience*

NEUR 3204
Neuropharmacology

NEUR 3206
*Sensory and Motor
Neuroscience*

NEUR 3207
Integrative Neuroscience

YEAR 4



**NEUR 4200, NEUR 4202
OR NEUR 4203**

*Current Advances in
Neuroscience*

*Current Research in Neuroscience
and Clinical Neurology*

*Current Research in Neuroscience
and Psychiatric Disease*

HONOURS PROJECT (1.0 CREDITS)



NEUR 4904
*Honours Research
Thesis in Systematic
Reviews or
Meta-Analyses*



NEUR 4906
*Translational Approach
to Indigenous
Community Wellness*



NEUR 4905
Honours Workshop



NEUR 4907
*Honours Essay and
Research Proposal*

NEUR 4908
*Honours Research
Thesis*

1.5 credits in Science Electives at the 2000 level or above

2.0 credits from list of 3000 and 4000 level NEUR courses

2.0 credits from approved courses outside the Faculties of Science and Engineering (may include ISAP 1000)

3.0 credits Free Electives

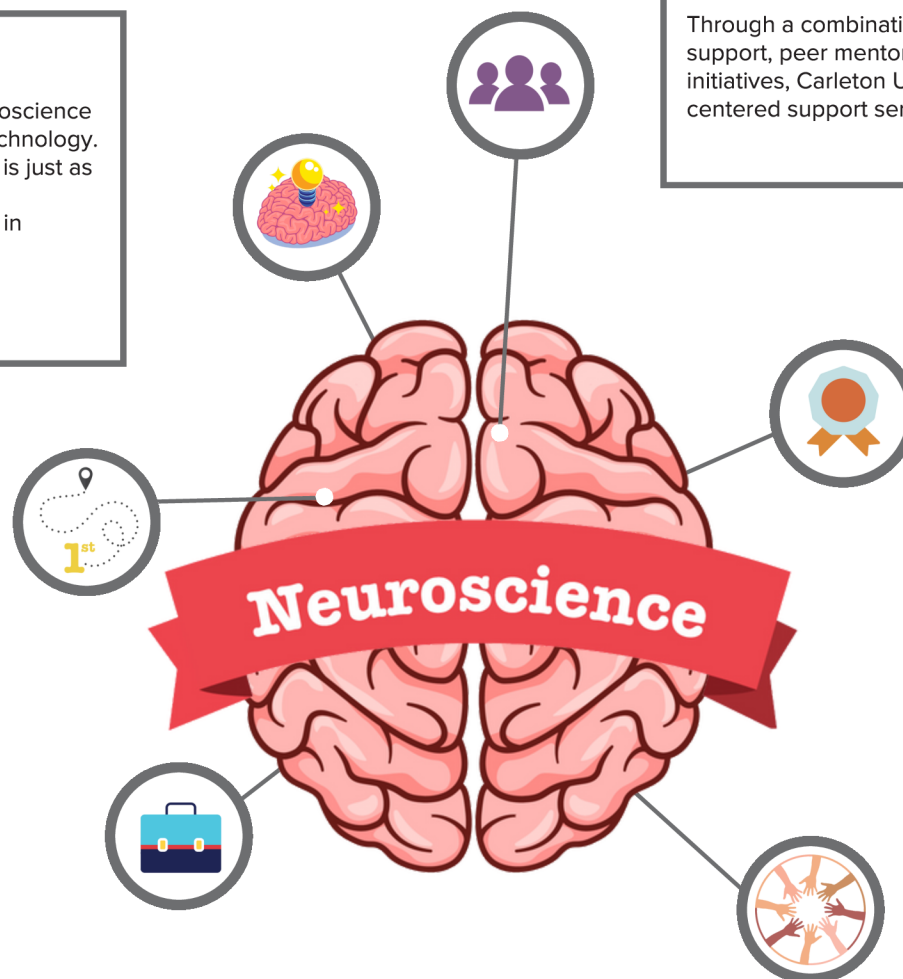
Experience the thrill of discovery in our Neuroscience Labs, equipped with the latest in research technology. Dive into a learning experience where doing is just as important as studying. We offer unparalleled opportunities to apply classroom knowledge in real-world settings.

Through a combination of program specific advising, career design support, peer mentorship, and Science Student Success Centre initiatives, Carleton University offers a wide range of student-centered support services.

Our faculty are not just teachers; they are mentors, researchers, and pioneers in their fields. Award-winning and passionate about discovery, our team is here to guide you through the intricacies of neuroscience, ensuring you're prepared for a successful career.

The Carleton Neuroscience Society and the Society for Neuroscience Ottawa Chapter organize various social events, educational outreach, and community fundraisers. Our departmental Colloquia and Brainbytes series promote academic knowledge transfer and chances to network.

At Carleton, we understand that each student is unique. That's why our neuroscience programs are flexible, allowing you to tailor your studies to your interests and career goals. Whether you're drawn to research, clinical work, or something in-between, we're here to support your journey.



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| • Audiology | • Occupational Therapy |
| • Biotechnology | • Optometry |
| • Dentistry | • Pharmacy |
| • Genetics Counselling | • Research |
| • Medicine | • Science Communications |
| • Mental Health/Addictions Counselling | • Speech Language Pathology |
| • Neurology | • Veterinary |

*Although some jobs can be secured with a BSc, it is usually a stepping stone to further education.