Faculty of Science

NEUROSCIENCE

Bachelor of Science (BSc)

Neuroscience is a rapidly expanding branch of the life sciences that examines brain and behaviour. This degree will provide you with a broad understanding of the molecular and cellular foundations of the behavioural processes that allow animals and humans to respond to the challenges encountered in daily life. During the course of your studies, much of your learning will occur while actively working on problems in class, during tutorials, and in the laboratory.

Did You Know?

We offer study abroad programs in more than 40 countries, and also provide funding opportunities to help cover the costs!

Bogdan K.
BSc'15

Bogdan is a Rhodes Scholar who is currently completing a DPhil in clinical medicine at the University of Oxford. He was also an Academic All-Canadian Scholar Athlete and Academic All-Americas Athlete for his accomplishments as a swimmer - he has won a number of varsity, national and international medals.

Awards

LORAN SCHOLAR AWARDS - UP TO $10,000 (RENEWABLE)
CHANCELLOR’S CLUB SCHOLARSHIP - UP TO $10,000 (RENEWABLE)

Academic Administrator

Pharmaceutical Researcher

Public Policy Analyst

Neuroscience Students’ Association

Students interested in Medical Science

Loran Scholar Awards - Up to $10,000 (Renewable)

Chancellor’s Club Scholarship - Up to $10,000 (Renewable)

Job Titles

Academic Administrator

Pharmaceutical Researcher

Public Policy Analyst

Student Clubs

Neuroscience Students’ Association

Students interested in Medical Science

View Program Requirements

1. Visit ucalgary.ca/future-students/undergraduate/explore-programs
2. Select your program
3. Select your type of admission (high school or transfer)
4. Choose the location of your high school

Sample First-Year Courses

**FALL**
- Energy Flow in Biological Systems (BIOL 241)
- Chemistry (CHEM 201 or 211) or Mechanics (PHYS 211 or 221)
- Linear Methods I (MATH 211) or Honours Linear Algebra I (MATH 213) or Calculus (MATH 249 or 265)
- Introduction to Neuroscience (NEUR 201)
- Principles of Psychology I (PSYC 200)

**WINTER**
- DNA, Inheritance and Evolution (BIOL 243)
- General Chemistry: Change and Equilibrium (CHEM 203) or Foundations of Chemistry: Change and Equilibrium (CHEM 213)
- Linear Methods I (MATH 211) or Honours Linear Algebra I (MATH 213) or Calculus (MATH 249 or 265)
- Scientific and Critical Reasoning (PHIL 275) or Logic I (PHIL 279) or Introduction to Primatology and Human Evolution (ANTH 201) or General Chemistry: Structure and Bonding (CHEM 201)
- English
- Neuroscience Field Course (NEUR 301)

This school is special because there is a unique energy about it and there is a special vibe amongst the people who call it their home. Stepping onto campus at the University of Calgary makes you feel like anything is possible and that there are other people in these halls that are thinking the same way as you.

Amar D., BSc'14