Behavioural Neuroscience

Keywords:
- Biological Rhythms
- Attention
- Connectivity
- Alzheimer's Disease
- Translational
- Regeneration
- fMRI
- Plasticity
- Autism
- Learning
- Dyslexia
- mentalmotility
- EEG
- Neuroimaging
- Mental Health
- Addiction
- Reward
- Neuropathy
- Vision
- Language
- Neuroendocrinology
- Brain-motor interface
- Glaucoma
- Glia
- Decision Making
- Locomotion
- Sleep
**Behavioural Neuroscience**

The Behavioural Neuroscience program at Simon Fraser University brings the expertise of faculty in the Departments of Biomedical Physiology & Kinesiology and Psychology to provide specialized undergraduate education.

Students are educated in systems and sensorimotor neuroscience, cognitive neuroscience (including attention, learning, and memory), neurological disorders, neuroanatomy, biological rhythms, general physiology and psychology, and research design of behavioural studies.

This undergraduate degree readies students for careers in neuroscience, and provides first-class preparatory training for professional schools (including medicine, physical therapy, or occupational therapy), and advanced graduate degrees in neuroscience, psychology, kinesiology, and physiology.

Get hands-on experience working with a variety of state-of-the-art equipment used in neuroscience research and for clinical diagnostics through laboratory-based courses.

Find opportunities to explore cutting-edge neuroscience research by volunteering in a research lab or through specialized courses (including directed studies and/or the honours thesis program).

Enrich your education through co-op placements that provide you with paid work experience.

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**Essential Websites**

For more information about the undergraduate program:

at.sfu.ca/NQaWlw

Department information:

sfu.ca/bpk
sfu.ca/psychology

**What Students are Saying**

“'I love that Behavioural Neuroscience is such a niche program in some ways, yet at the same time so incredibly diverse!'”

– Chelsea

“'I really enjoy this program because it bridges the gap between the study of neurophysiology and the study of the mind in a unique and effective way. When I started in the program, I had many questions about how the brain worked and why people behave the way that they do. I now have even more, albeit different questions, but I feel that I have been equipped with the proper tools to find the answers.'”

– Nadja

“'I enjoy this program so much because it incorporates Biology, Chemistry, Physiology, and Psychology, making the Behavioural Neuroscience program an incredibly diverse and captivating program for anyone pursuing a career in STEM.'”

– Max

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> sfu.ca/neuroscience <

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**Further Information**

Student info, academic calendar, registration

students.sfu.ca

Science advising

sfu.ca/science/undergrad/advising

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