

# NEUROSCIENCE

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**Neuroscience is an interdisciplinary program that focuses on the brain basis of mind and behaviour. Core material includes courses from Psychology, Biology, Chemistry, Biochemistry and Physics that explore the function of the nervous system in health and disease.**

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Neuroscience is a natural science discipline that explores the neurological processes that control mind and behaviour. Topics in neuroscience can be studied at multiple levels from the molecular to the psychological. Courses in biology, psychology and chemistry explore the physiological, anatomical and evolutionary bases of behaviour. Course materials cover the ways in which genetic, physiological, developmental and experiential processes affect brain structure and function. Students will learn neuroanatomy, neurophysiology, cognitive and behavioural neuroscience. Though primarily focused on normal function, selected courses will explore the mechanisms of diseases that affect the brain and nervous system.

The Neuroscience program offers you the option of combining exciting disciplines to create a skill set that is interesting and unique. It is designed to appeal to people interested in careers in both basic and applied areas of neuroscience, including clinical areas such as neuropsychology and medicine.

This program leads to a **Bachelor of Science degree (3-year, 4-year, or 4-year Honours)**.

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## SAMPLE CAREERS

Employment opportunities for Neuroscience graduates exist in government laboratories, university research

