

# NEUR 310. CELLULAR NEUROBIOLOGY.

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Credits: 3

Offered by: Neurology and Neurosurgery (Faculty of Science)

Terms offered: Winter 2026

[View offerings for Winter 2026 in Visual Schedule Builder.](#)

## Description

A survey of the functional organization of nerve cells, signalling in the nervous system, and principles of neural development. Topics include cell polarity, neurotransmitters, neurotrophins, receptors and second messengers, cell lineage, guidance of axon outgrowth, and nerve regeneration. Emphasis will be placed on analysis of neurons at the molecular level.

- Winter
- 2 lectures each week
- Prerequisites or Corequisites: BIOL 201, or PHGY 209, or PHGY 210; and one of ANAT 321, ANAT 322, BIOL 306, PHGY 311.

Most students use Visual Schedule Builder (VSB) to organize their schedules. VSB helps you plan class schedules, travel time, and more.

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