

# NEUR 630. PRINCIPLES OF NEUROSCIENCE 1.

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Credits: 3

Offered by: Neurology and Neurosurgery (Graduate Studies)

This course is not offered this catalogue year.

## Description

An overview of cellular and molecular neuroscience at the graduate level. Topics include: synthesis, processing and intracellular transport of macromolecules; development of the nervous system including neurogenesis, axonal pathfinding, synaptogenesis and myelination; neuronal survival and response to injury; generation and propagation of action potentials; neurotransmitters and synaptic transmission.

- Fall
- Prerequisites: BIOL 200 and BIOL 201 or equivalent; permission of instructor

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