

PHGY 525. CORTICAL PLASTICITY.

Credits: 3

Offered by: Physiology (Faculty of Science)

This course is not offered this catalogue year.

Description

An examination of cortical plasticity following peripheral and central nervous damage from a systems/cognitive neuroscience perspective. Focus is on sensory systems and animal models, including the following topics: ocular dominance columns, retinal lesions, blindness, deafness, cochlear implants, barrel fields, amputation, stroke, and hemispherectomy. Experimental approaches to be considered include: electrophysiological recording, psychophysics, behaviour, and functional imaging.

- Prerequisites: NSCI 200 or PHGY 314 or permission of the instructor

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