ANAT 542. TRANSMISSION ELECTRON MICROSCOPY OF BIOLOGICAL SAMPLES.

Credits: 3

Offered by: Anatomy and Cell Biology (Faculty of Science)

Terms offered: Winter 2026

View offerings for Winter 2026 in Visual Schedule Builder.

Description

Overview of theory, principles and practical applications of conventional and cryo-transmission electron microscopy relevant to biological samples. Major topics to be covered include: sample preparation and imaging, image analysis, three-dimensional reconstruction (including single-particle analysis an tomography).

- Prerequisite(s): Permission of instructor
- 2 hours lectures, 3 hours laboratory