NEU 366L. Neuroimaging Laboratory.

Basic principles of image formation and techniques of fluorescent imaging and confocal laser-scanning microscopy. Includes image processing and analysis to extract quantitative information from digital images. Survey of imaging techniques, including electron microscopy and functional MRI. One lecture hour and four laboratory hours a week for one semester. Only one of the following may be counted: Biology 337 (Topic: Microscopy and Fluorescence Imaging Laboratory), 366L, Neuroscience 366L. Prerequisite: Neuroscience 330 or 365R (or Biology 365R) with a grade of at least B.