

QLSC 612. FUNDAMENTALS FOR NEURO DATA SCIENCE.

Credits: 3

Offered by: Quantitative Life Sciences (Graduate Studies)

Terms offered: Summer 2025

[View offerings for Summer 2025 in Visual Schedule Builder.](#)

Description

Analyzing neuroscience and neuroimaging data in a reproducible and collaborative manner using the Python software stack, including the fundamentals of both tools (bash, git, github, jupyter, docker, visualization) and analysis methods (hypothesis testing, machine learning) at the conceptual and practical levels.

- Students will be expected to have basic programming skills and to bring a laptop.

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

[Launch Visual Schedule Builder](#)