

# MCB358: Mass Spectrometry

**Instructor:** Christina Woo, CCB

**Date:** March 2, 2023

**Time:** 2–4 pm

**Location:** TBD, Cambridge, MA

**Registration:** All interested parties may audit this course via this [form](#)

Graduate students can register for MCB358 for credit

**Questions?** [cwoo@chemistry.harvard.edu](mailto:cwoo@chemistry.harvard.edu)

- This nanocourse will provide a brief introduction to the mechanics of mass spectrometry-based proteomics and how to (1) design your own experiments and (2) interpret proteomics data in the literature.

- We will cover:
  - What is proteomics?
  - Shotgun proteomics
  - Mass spectrometry instrumentation
  - Quantitative proteomics
  - Data analysis methods

