

# Bisc 590: Systems Biology: Theory and Practice

## Biology

This course covers basic principles of systems biology (e.g., mass spectrometry, proteomics, and metabolomics), multi-omics integration and molecular networks, as well as the applications in solving real-life research problems.

3 Credits

### Prerequisites

- [Chem 471: Biochemistry I](#)
- Senior standing required.

### Instruction Type(s)

- Lecture/Lab: Lecture/Lab for Bisc 590

### Subject Areas

- [Structural Biology](#)
- [Biotechnology](#)
- [Cell/Cellular and Molecular Biology](#)

