

## **Bisc 590: Systems Biology: Theory and Practice**

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

- <u>Chem 471: Biochemistry I</u> \$target.descriptions.MinimumGrade\$
- Senior standing required.

## Instruction Type(s)

• Lecture/Lab: Lecture/Lab for Bisc 590

## **Subject Areas**

- <u>Structural Biology</u>
- <u>Biotechnology</u>
- <u>Cell/Cellular and Molecular Biology</u>

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