

The Department of Chemistry and Biochemistry at John Carroll University seeks an adjunct instructor to teach one section of Inorganic Chemistry lecture during the Spring 2025 semester (13 January – 14 May 2025).

This course is an advanced undergraduate course in inorganic chemistry for chemistry majors. By the end of the course, students will be able to: explain and model atoms and molecules; use models and theories to describe chemical and physical phenomena; construct representations of chemical species and use them to predict chemical and physical properties; explain how and why structure affects properties; predict and explain the energy changes associated with interactions of atoms, molecules, ions and light; apply systems thinking to both molecular level and macroscopic systems; identify common types of reactions and predict the products; and understand factors that influence reaction behavior.

Applications will be reviewed on a rolling basis until the position is filled.

Duties and responsibilities

- Prepare course materials and pedagogy aligned with department learning goals
- Conduct live classes on campus as outlined in the above summary, in addition to holding a minimum of two hours per week of office hours
- Use the Canvas learning management system to organize course information

Preferred qualifications

- Master's or PhD (preferred) in Chemistry
- Previous teaching experience in this area preferred

To apply, please submit a letter of application, CV, summary of teaching experience, and three names of reference to Yuh-Cherng Chai (ychai@jcu.edu) by September 30, 2024.