

CHEM 381. INORGANIC CHEMISTRY 2.

Credits: 3

Offered by: Chemistry (Faculty of Science)

Terms offered: Fall 2025

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

Description

Introduction to transition metal chemistry, coordination numbers and geometry, and nomenclature will be followed by a discussion of crystal field theory and its applications to problems in spectroscopy, magnetochemistry, thermodynamics and kinetics. Several aspects related to applications of organometallic compounds in catalysis and bioinorganic systems will be discussed.

- Restriction: Not open to students who have taken or plan to take CHEM 301
- Restriction: For Honours and Major Chemistry students
- Fall
- Prerequisite: CHEM 281.
- Restriction: For Honours and Major Chemistry students

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

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