

CHEM 531. CHEMISTRY OF INORGANIC MATERIALS.

Credits: 3

Offered by: Chemistry (Faculty of Science)

Terms offered: Winter 2026

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Description

Structure, bonding, synthesis, properties and applications of covalent, ionic, metallic crystals, and amorphous solids. Defect structures and their use in synthesis of specialty materials such as electronic conductors, semiconductors, and superconductors, and solid electrolytes. Basic principles of composite materials and applications of chemistry to materials processing.

- Prerequisite: CHEM 381
- Winter
- Prerequisite: CHEM 381

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