

# CHEM 571. POLYMER SYNTHESIS.

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Credits: 3

Offered by: Chemistry (Faculty of Science)

This course is not offered this catalogue year.

## Description

A survey of polymer preparation and characterization; mechanisms of chain growth, including free radical, cationic, anionic, condensation and transition metal-mediated polymerization, and the effects of these mechanisms on polymer architecture; preparation of alternating, block, graft and stereoblock copolymers; novel macromolecular structures including dendrimers and other nanostructures.

- Prerequisite: CHEM 302 or equivalent, or permission of instructor.
- Fall
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