

CHEM 574. INTRODUCTORY POLYMER CHEMISTRY.

Credits: 3

Offered by: Chemistry (Faculty of Science)

Terms offered: Fall 2025

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

Description

A survey course on the structure of polymers, kinetics and mechanisms of polymer and copolymer synthesis; characterization and molecular weight distributions; polymer microstructure, the thermodynamics of polymer solutions; the crystalline and amorphous states, rubber elasticity and structure-property relationships.

- Fall
- Prerequisite(s): Prerequisites: CHEM 223 and CHEM 243 or CHEM 213 and CHEM 273, or CHEM 233 (for engineering students only), or permission of the instructor.
- Restriction(s): Not open to students who have taken CHEM 455 or CHEM 674.

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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