

# CHEM 512. CATALYSIS, CONCEPTS AND APPLICATIONS.

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Credits: 3

Offered by: Chemistry (Faculty of Science)

Terms offered: Fall 2025

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## Description

General concepts governing catalysis and practical aspects of its implementation including its most important applications. A global perspective on industrial catalysis. A general introduction about catalysis including homogeneous catalysis, heterogeneous catalysis, organocatalysis, and biocatalysis. A select number of reactions will be studied in detail, based on the most recent research efforts made in the field of catalysis.

- Prerequisites: CHEM 381, CHEM 302, CHEM 243
- Restriction: Course open to U3 undergraduate students and graduate students

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