

CHEM 575. CHEMICAL KINETICS.

Credits: 3

Offered by: Chemistry (Faculty of Science)

This course is not offered this catalogue year.

Description

Kinetic laws, measurement of reaction rates, transition state and collision theory, experimental techniques in reaction kinetics, reaction mechanisms, RRKM theory, Marcus theory of electron transfer, photochemistry and catalysis. Recent developments and their application to chemical and biological problems. Elementary reactions in gas, solution and solid phases and on surfaces.

- Prerequisites: CHEM 273 and CHEM 223/CHEM 243 (formerly CHEM 213).
- Winter
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