

# CHEM 4162 : Reaction Kinetics

This course focuses on the concepts and applications of physical and chemical rate processes. The central objective of this course is to extend students' understanding of the elementary concepts of rate processes and chemical kinetics that they learnt in their previous chemistry and physics courses. The course will focus on the following: Kinetic theory of gases and liquids, mass transfer and diffusion, chemical reaction kinetics, batch and flow reactors, and complex reaction mechanisms.

**Credits** 1

**Course ID**

001089

**Semester Offered**

Spring semester