COURSE DETAIL

MOLECULAR DYNAMICS AND CHEMICAL KINETICS
Country Denmark
Host Institution University of Copenhagen
Program(s) University of Copenhagen
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Chemistry Chemical Engineering
UCEAP Course Number 178
UCEAP Course Suffix
UCEAP Official Title MOLECULAR DYNAMICS AND CHEMICAL KINETICS
UCEAP Transcript Title MOLECULAR DYNAMICS
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description

This course connects the microscopic description of chemical reactions with macroscopic measurable quantities and explores the processes responsible for chemical changes: molecular collisions, elementary reactions, surface phenomena, catalysis, absorption isotherms, theory of the activated complex, and diffusion controlled reactions.

Language(s) of Instruction
English

Host Institution Course Number
NKEB13016U

Host Institution Course Title
MOLECULAR DYNAMICS AND CHEMICAL KINETICS

Host Institution Course Details
https://kurser.ku.dk/course/nkeb13016u/2021-2022

Host Institution Campus
Science

Host Institution Faculty

Host Institution Degree

Host Institution Department
Chemistry

Course Last Reviewed
2021-2022

Print