

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 Campus

Science

Host Institution Faculty

Host Institution Degree

Host Institution Department

Chemistry

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