

COURSE DETAIL

ORGANIC CHEMISTRY

Country

Denmark

Host Institution

University of Copenhagen

Program(s)

University of Copenhagen

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Chemistry

UCEAP Course Number

110

UCEAP Course Suffix**UCEAP Official Title**

ORGANIC CHEMISTRY

UCEAP Transcript Title

ORGANIC CHEMISTRY

UCEAP Quarter Units

12.00

UCEAP Semester Units

8.00

Course Description

This course covers structure and mechanisms in organic chemistry with an emphasis on physical organic chemistry. Topics include chemical bonding and structures; stereochemistry; conformational, steric, and stereoelectronic effects; solutions and non-covalent binding forces; acid-base chemistry; energy surfaces and kinetics; isotope effects; linear free energy relationships; catalysis; nucleophilic substitution; addition, elimination, rearrangement, isomerization; concerted pericyclic reactions; radical reactions; and organometallic chemistry.

Language(s) of Instruction

English

Host Institution Course Number

NKEK13006U

Host Institution Course Title

ORGANIC CHEMISTRY

Host Institution Course Details

<https://kurser.ku.dk/course/nkek13006u/2021-2022>

Host Institution Campus

Host Institution Faculty

Faculty of Science

Host Institution Degree

Master

Host Institution Department

Department of Chemistry

Course Last Reviewed

2021-2022

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