

COURSE DETAIL

MEDICINAL CHEMISTRY

Country

Netherlands

Host Institution

Utrecht University

Program(s)

Utrecht University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Chemistry Biochemistry

UCEAP Course Number

132

UCEAP Course Suffix**UCEAP Official Title**

MEDICINAL CHEMISTRY

UCEAP Transcript Title

MEDICINAL CHEMISTRY

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course deepens knowledge of organic chemistry and organic synthesis in relation to drug molecules. Medicinal chemistry deals with the discovery, design, identification, and synthesis of drug molecules, and with the study of the relationships between the structure of a drug molecule and its behavior in the body. By looking at five major diseases, the organic synthesis and pharmacology of several drug molecules for treating these diseases are explored. A full year of Organic Chemistry is required for admission.

Language(s) of Instruction

English

Host Institution Course Number

SK-BMECH08

Host Institution Course Title

MEDICINAL CHEMISTRY

Host Institution Course Details

<https://osiris-student.uu.nl/onderwijscatalogus/extern/cursussen>

Host Institution Campus

Utrecht University

Host Institution Faculty

Faculty of Science

Host Institution Degree

Host Institution Department

Chemistry

Course Last Reviewed

2024-2025

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