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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