

COURSE DETAIL

DRUG DESIGN AND DRUG DISCOVERY

Country

Ireland

Host Institution

University of Galway

Program(s)

Irish Universities,National University of Ireland, Galway,University of Galway

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Chemistry

UCEAP Course Number

103

UCEAP Course Suffix**UCEAP Official Title**

DRUG DESIGN AND DRUG DISCOVERY

UCEAP Transcript Title

DRUG DESGN & DISCOV

UCEAP Quarter Units

8.00

UCEAP Semester Units

5.30

Course Description

This course deals with how basic concepts regarding molecular structure and function relate to drug design and discovery. The course has both theoretical and practical components. The theoretical component deals with thermodynamics, molecular modeling, protein structure, natural products, heterocycles, and how these are related to drug design and drug discovery. The practical component focuses on computational methods and how they are applied in drug design.

Language(s) of Instruction

English

Host Institution Course Number

CH332

Host Institution Course Title

DRUG DESIGN AND DRUG DISCOVERY

Host Institution Campus

NUI Galway

Host Institution Faculty**Host Institution Degree****Host Institution Department**

Chemistry

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