

# 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 Course Details****Host Institution Campus**

NUI Galway

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

Chemistry

**Course Last Reviewed**

[Print](#)