COURSE DETAIL

CHEMICAL BIOLOGY
Country China
Host Institution Tsinghua University
Program(s) Tsinghua University
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Chemistry Biological Sciences
UCEAP Course Number 183
UCEAP Course Suffix
UCEAP Official Title CHEMICAL BIOLOGY
UCEAP Transcript Title CHEMICAL BIOLOGY
UCEAP Quarter Units 4.50
UCEAP Semester Units 3.00

Course Description

Chemical biology is an emerging scientific discipline that spans the fields of chemistry and biology. Chemical biology involves the use of chemical methods, tools, and molecules that are designed and made through synthetic organic chemistry, to study, understand, and manipulate biological systems. It attempts to use chemical principles to perturb or control biological systems to either investigate the mechanisms or create new functions. In the class we will review the chemical biology of small molecules, biomacromolecules, and concepts and techniques.

Language(s) of Instruction
English

Host Institution Course Number
40440283

Host Institution Course Title
CHEMICAL BIOLOGY

Host Institution Course Details
https://learn.tsinghua.edu.cn/f/wlxt/index/course/student/course?wlkcid=2024-20...

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed
2024-2025

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