

COURSE DETAIL

BIOCHEMISTRY OF DISEASES

Country

Hong Kong

Host Institution

Hong Kong University of Science and Technology (HKUST)

Program(s)

Hong Kong University of Science and Technology

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Biochemistry

UCEAP Course Number

137

UCEAP Course Suffix**UCEAP Official Title**

BIOCHEMISTRY OF DISEASES

UCEAP Transcript Title

BIOCHEM/DISEASES

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

This course covers the clinical manifestations, physiology, pathophysiology and treatment of common human diseases, with focus on the underlying biochemical basis of the diseases and treatment. Lecture topics include: introduction and a brief history of disease and medicine; neurological diseases (Alzheimer's and Parkinson's Diseases); psychiatric diseases (schizophrenia, depression and autism); cardiovascular diseases (hypertension and coronary heart disease); endocrine disorders (diabetes); gastrointestinal diseases (peptic ulcers); infectious diseases (AIDS and flu/cold); cancer and special topics.

Language(s) of Instruction

English

Host Institution Course Number

LIFS4760

Host Institution Course Title

BIOCHEMISTRY OF DISEASES

Host Institution Course Details

<https://prog-crs.hkust.edu.hk/ugcourse/2025-26/search?keyword=LIFS4760>

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Life Science

Course Last Reviewed

2025-2026

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