

## 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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