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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