

COURSE DETAIL

METABOLIC PATHWAYS

Country

United Kingdom - England

Host Institution

University of London, Queen Mary

Program(s)

English Universities, University of London, Queen Mary

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Biological Sciences

UCEAP Course Number

172

UCEAP Course Suffix**UCEAP Official Title**

METABOLIC PATHWAYS

UCEAP Transcript Title

METABOLIC PATHWAYS

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course examines the pathways involved in carbohydrate, lipid, and nitrogen metabolism in a normal generalized cell; their regulation in the normal cell; and pathway adaptations that occur in specialized cells and tissues of the human body. Metabolic disease states caused by dysfunction of these pathways are used to illustrate their working and importance in central metabolism. The course covers the use of ultraviolet and light spectroscopy and enzyme assay techniques to measure the functioning and inhibition of metabolic enzymes.

Language(s) of Instruction

English

Host Institution Course Number

BIO265

Host Institution Course Title

METABOLIC PATHWAYS

Host Institution Course Details**Host Institution Campus**

QMUL

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

School of Biology

Course Last Reviewed

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