

COURSE DETAIL

CELL METABOLISM & METABOLIC CONTROL

Country

United Kingdom - England

Host Institution

University of Manchester

Program(s)

University of Manchester

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Biochemistry

UCEAP Course Number

124

UCEAP Course Suffix**UCEAP Official Title**

CELL METABOLISM & METABOLIC CONTROL

UCEAP Transcript Title

CELL METABOLISM

UCEAP Quarter Units

4.00

UCEAP Semester Units

2.70

Course Description

This course focuses on the metabolic pathways in the cells of mammals, with some reference to microbes and plants. Students learn about diseases caused by defects in metabolism, such as diabetes, which emphasizes the importance of metabolic control. This course provides knowledge of the essential features of cellular metabolism, and an understanding of the mechanisms through which metabolism is controlled. This is achieved using specific examples and model situations to illustrate principal control mechanisms.

Language(s) of Instruction

English

Host Institution Course Number

BIOL21132

Host Institution Course Title

CELL METABOLISM & METABOLIC CONTROL

Host Institution Campus

University of Manchester

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

Biology

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