

COURSE DETAIL

PRINCIPLES OF DEVELOPMENTAL BIOLOGY

Country

United Kingdom - England

Host Institution

University of Manchester

Program(s)

University of Manchester

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Biological Sciences

UCEAP Course Number

130

UCEAP Course Suffix

N

UCEAP Official Title

PRINCIPLES OF DEVELOPMENTAL BIOLOGY

UCEAP Transcript Title

DEVELOPMENTAL BIO

UCEAP Quarter Units

4.00

UCEAP Semester Units

2.70

Course Description

Developmental biology deals with the various steps necessary for the correct and complete formation of the body of a living organism. In this course, students are introduced to the mechanisms used to produce different cell and tissue types and ensure these cells develop in the correct position and identity. Students learn, using examples such as the eye and limbs, that similar developmental mechanisms are employed by diverse organisms. The role that developmental biology plays in medicine in stem cell therapy, tissue engineering, and regenerative medicine are also considered.

Language(s) of Instruction

English

Host Institution Course Number

BIOL21172

Host Institution Course Title

PRINCIPLES OF DEVELOPMENTAL BIOLOGY

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Biological Sciences

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