

COURSE DETAIL

DEVELOPMENTAL BIOLOGY

Country

United Kingdom - England

Host Institution

University of Sussex

Program(s)

University of Sussex

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Biological Sciences

UCEAP Course Number

106

UCEAP Course Suffix**UCEAP Official Title**

DEVELOPMENTAL BIOLOGY

UCEAP Transcript Title

DEVELOPMENTAL BIO

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

How does an adult organism arise from a fertilized egg? This course presents the concepts and principles that are rapidly emerging from studies of developmental processes in animals. The course considers egg organization and origins of cell differences, molecular mechanisms of cell differentiation, cell movements and inductive interactions, long-range signaling mechanisms, the cellular and molecular processes underlying pattern formation, and the evolutionary conservation of developmental mechanisms in different phyla.

Language(s) of Instruction

English

Host Institution Course Number

C1008

Host Institution Course Title

DEVELOPMENTAL BIOLOGY

Host Institution Campus

University of Sussex

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

Biological Sciences

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