

# 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 Course Details**

<http://www.sussex.ac.uk/modules/2019/C1008-developmental-biology>

**Host Institution Campus**

University of Sussex

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

Biological Sciences

**Course Last Reviewed**

2019-2020

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