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

On this course students explore the process by which an adult organism arises from a fertilized egg. They focus on how information in the genome is converted into the complex programs of cellular behavior and differentiation, shaping the morphology of the embryo and adult organism. Students study core concepts of embryology and genetics, emerging from both classical and modern studies of developmental processes in animals, as well as the implications for human health, fertility and disease. They also discover key experiments involving a wide-range of methodologies, and recent advances in stem cells, cloning, organoids, and assisted reproduction.

Language(s) of Instruction
English

Host Institution Course Number
C1008

Host Institution Course Title
DEVELOPMENTAL BIOLOGY

Host Institution Course Details
https://www.sussex.ac.uk/study/modules/undergraduate/2024/93238-developmental-b...

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Biological Sciences

Course Last Reviewed
2025-2026

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