COURSE DETAIL

GENETICS AND DEVELOPMENTAL BIOLOGY
Country Norway
Host Institution University of Oslo
Program(s) University of Oslo
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Biological Sciences
UCEAP Course Number 107
UCEAP Course Suffix
UCEAP Official Title GENETICS AND DEVELOPMENTAL BIOLOGY
UCEAP Transcript Title GENETICS&DEVLOP BIO
UCEAP Quarter Units 8.00
UCEAP Semester Units 5.30

Course Description
This course is an introduction to developmental biology and genetics in plants, animals, and other relevant groups of organisms. It covers concepts and principles from genetics and epigenetics while focusing on classical, experimental systems and organisms, and connections. The course examines how genetics and epigenetics via specialization and interaction between cells form the foundation for development and morphological traits. Students learn terminology in genetics and development biology while understanding main concepts in developmental biology and their mechanisms and principles. They learn the main morphological principles for development and reproduction in classical model organisms, acquire knowledge of the genetic and molecular mechanisms that operate in development and reproduction, and gain insight on how connections between genes and genomes play a role in genetics and developmental biology.

Language(s) of Instruction
English

Host Institution Course Number
BIOS3601

Host Institution Course Title
GENETICS AND DEVELOPMENTAL BIOLOGY

Host Institution Campus
Mathematics and Natural Sciences

Host Institution Faculty

Host Institution Degree

Host Institution Department
Biosciences

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