COURSE DETAIL

REGULATORY GENOMICS AND EVOLUTION
Country United Kingdom - England
Host Institution University College London
Program(s) University College London
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Biological Sciences
UCEAP Course Number 178
UCEAP Course Suffix
UCEAP Official Title REGULATORY GENOMICS AND EVOLUTION
UCEAP Transcript Title REGULATORY GENOMICS
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description

Competency in structure and function of genomes as well as their evolution is essential in modern biology. This course gives students an advanced understanding of current scientific research in molecular mechanism of gene regulation, evolution of genomes and experimental approaches to study the function of genomes. The course focuses on the contribution of molecular biology and genomics to our knowledge of regulation of the gene activity in eukaryotic organisms and concepts of gene expression evolution. Critical analysis of original experimental data provides the intellectual framework for students to discuss the design of experiments and to draw appropriate conclusions from any results.

Language(s) of Instruction
English

Host Institution Course Number
BIOL0025

Host Institution Course Title
REGULATORY GENOMICS AND EVOLUTION

Host Institution Course Details
https://www.ucl.ac.uk/module-catalogue/modules/regulatory-genomics-and-evolutio...

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Biosciences

Course Last Reviewed
2022-2023

Print