

COURSE DETAIL

FUNCTIONAL GENOMICS AND EPIGENETICS

Country

United Kingdom - England

Host Institution

University of London, Queen Mary

Program(s)

University of London, Queen Mary

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Biochemistry

UCEAP Course Number

142

UCEAP Course Suffix**UCEAP Official Title**

FUNCTIONAL GENOMICS AND EPIGENETICS

UCEAP Transcript Title

FUNCTIONAL GENOMICS

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course examines cutting edge research into some of the hottest topics and most rapidly advancing areas in biology. Focusing on functional genomics and epigenetics in the context on development, cellular differentiation, disease, non-model organisms and gene-environment interactions. Emphasis on molecular mechanisms and state-of-the-art genomic technologies are underpinned by an understanding of the importance of computational biology in delineating genome function.

Language(s) of Instruction

English

Host Institution Course Number

BIO327

Host Institution Course Title

FUNCTIONAL GENOMICS AND EPIGENETICS

Host Institution Campus

Queen Mary

Host Institution Faculty

Host Institution Degree

Host Institution Department

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