

COURSE DETAIL

MOLECULAR BASIS OF GENE EXPRESSION

Country

United Kingdom - England

Host Institution

King's College London

Program(s)

King's College London

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Biological Sciences

UCEAP Course Number

120

UCEAP Course Suffix

N

UCEAP Official Title

MOLECULAR BASIS OF GENE EXPRESSION

UCEAP Transcript Title

GENE EXPRESSION

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

The course develops students' understanding of key concepts of the mechanisms by which gene expression is regulated. The multiple levels at which gene expression is regulated is described in relation to the central dogma of molecular genetics whereby genetic information flows from DNA to messenger RNA (mRNA) to protein. Students learn about how gene expression is regulated at the level of transcription, post-transcriptional processing, translation, and post-translation.

Language(s) of Instruction

English

Host Institution Course Number

5BBG0205

Host Institution Course Title

MOLECULAR BASIS OF GENE EXPRESSION

Host Institution Campus

King's College London (Guy's)

Host Institution Faculty

Host Institution Degree

Host Institution Department

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