

COURSE DETAIL

GENOMICS AND TRANSCRIPTOMICS

Country

Hong Kong

Host Institution

Chinese University of Hong Kong

Program(s)

Chinese University of Hong Kong

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Biological Sciences

UCEAP Course Number

140

UCEAP Course Suffix**UCEAP Official Title**

GENOMICS AND TRANSCRIPTOMICS

UCEAP Transcript Title

GENOMICS

UCEAP Quarter Units

1.50

UCEAP Semester Units

1.00

Course Description

This advanced molecular biology course introduces the latest research focused on genomics and transcriptomics. It covers the sequencing and mapping of the entire genome, methodologies in RNA gene expression profiling, structure and function of genes as well as regulation and dynamics of the transcriptome in an organism.

Language(s) of Instruction

English

Host Institution Course Number

CMBI4201

Host Institution Course Title

GENOMICS AND TRANSCRIPTOMICS

Host Institution Campus**Host Institution Faculty****Host Institution Degree****Host Institution Department**

Cell & Molecular Biology

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