

## 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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