

COURSE DETAIL

NUTRIGENOMICS

Country

Hong Kong

Host Institution

University of Hong Kong

Program(s)

University of Hong Kong

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Biological Sciences

UCEAP Course Number

125

UCEAP Course Suffix**UCEAP Official Title**

NUTRIGENOMICS

UCEAP Transcript Title

NUTRIGENOMICS

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

Advances in the understanding of human genome have resulted in the emergence of a new science called Nutrigenomics. This course provides an understanding of the biochemical mechanisms underpinning nutrition research and the relation between genetics and diet-related diseases. The course also reinforces the role of nutrition at the molecular level and the concepts of nutrigenomics and nutrigenetics. Topics covered include principles of molecular biology, the study of gene and its function, structure and function of chromosomes, DNA replication, control of gene expression, epigenetics, genetic variation and human diseases, and tools of molecular biology.

Language(s) of Instruction

English

Host Institution Course Number

BIOL3211

Host Institution Course Title

MOLECULAR BIOLOGY AND NUTRIGENOMICS

Host Institution Course Details**Host Institution Campus****Host Institution Faculty****Host Institution Degree****Host Institution Department**

Biological Sciences

Course Last Reviewed

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