

COURSE DETAIL

IMMUNOLOGY

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

123

UCEAP Course Suffix**UCEAP Official Title**

IMMUNOLOGY

UCEAP Transcript Title

IMMUNOLOGY

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

This course studies animal immune systems and the application of a variety of immunological methods to research and diagnosing diseases. Topics include: immunological functions in vertebrates and analogous activities in invertebrates; structures and biological properties of immunoglobulins and T-cell receptors; divergence of antibody genes; emergence and characteristics of lymphoid tissues; major histocompatibility complex; complement pathways; immunity against bacteria, viruses, and parasites; AIDS: vaccinations, hypersensitivity, and autoimmunity; and immunological tests and immunochemical techniques using non-mammalian and mammalian antibodies and their application to various biological problems.

Language(s) of Instruction

English

Host Institution Course Number

BIOL3403

Host Institution Course Title

IMMUNOLOGY

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Biological Sciences

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