

COURSE DETAIL

VIROLOGY

Country

Korea, South

Host Institution

Yonsei University

Program(s)

Yonsei University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Biological Sciences

UCEAP Course Number

101

UCEAP Course Suffix**UCEAP Official Title**

VIROLOGY

UCEAP Transcript Title

VIROLOGY

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

Viruses are responsible for numerous human illnesses and millions of deaths annually. Some of the most feared, widespread and devastating human diseases such as influenza, measles and AIDS are caused by viruses. Similarly, viruses cause a number of recently emerging diseases, including Ebola hemorrhagic fever, severe acute respiratory syndrome (SARS), Zika virus infection and influenza pandemics. This course explores the complex biology of viruses, their multiplication cycle and pathogenesis, how they are structured, what strategies they use to enter their host cells, how they express and replicate their genomes, how they produce new virions, how they have evolved, and how host cells respond to viral infection.

Language(s) of Instruction

Korean

Host Institution Course Number

BIO3713

Host Institution Course Title

VIROLOGY

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Biology

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