

COURSE DETAIL

BIOLOGY OF AGEING

Country

United Kingdom - England

Host Institution

University College London

Program(s)

University College London

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Biological Sciences

UCEAP Course Number

135

UCEAP Course Suffix

A

UCEAP Official Title

BIOLOGY OF AGEING

UCEAP Transcript Title

BIOLOGY OF AGEING

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course surveys the biology of ageing, which is the main cause of disease in the world today. It covers evolutionary and mechanistic theories of ageing; comparative biology of ageing; the genetics of ageing and long-lived mutants in model organism; methods in ageing research; the biology of dietary restriction; cellular senescence, telomeres, and cancer; ageing-related disease; the biology of insulin signaling, energy handling, and associated diseases; stem cells and ageing; immune senescence and prospects for treatments for ageing; and social and ethical implications research on ageing.

Language(s) of Instruction

English

Host Institution Course Number

BIOL0022

Host Institution Course Title

BIOLOGY OF AGEING

Host Institution Campus

University College London

Host Institution Faculty

Host Institution Degree

Host Institution Department

Biological Sciences

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