

# 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 Course Details**

#### **Host Institution Campus**

University College London

#### **Host Institution Faculty**

#### **Host Institution Degree**

#### **Host Institution Department**

Biological Sciences

#### **Course Last Reviewed**

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