

COURSE DETAIL

BIOLOGY OF AGING

Country

Japan

Host Institution

Waseda University

Program(s)

Waseda University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Biological Sciences

UCEAP Course Number

120

UCEAP Course Suffix**UCEAP Official Title**

BIOLOGY OF AGING

UCEAP Transcript Title

BIOLOGY OF AGING

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course discusses the biological principles that have led to a new understanding of the causes of aging and how these basic principles help one to understand the human experience of biological aging, longevity, and age-related disease.

The class studies how the rate of biological aging is measured; explores the mechanisms underlying cellular aging; discusses the genetic pathways that affect longevity in various organisms; outlines the normal age-related changes and the functional decline that occurs in physiological systems over one's lifespan, and considers the implications of modulating the rate of aging and longevity.

Language(s) of Instruction

English

Host Institution Course Number

MEDG301L

Host Institution Course Title

BIOMEDICAL SCIENCES: BIOLOGY OF AGING

Host Institution Course Details

<http://www.wsl.waseda.jp/syllabus/JAA104.php?pKey=210LE40800512025210LE4080021&...>

Host Institution Campus

Waseda University

Host Institution Faculty

Host Institution Degree

Host Institution Department

SILS

Course Last Reviewed

2025-2026

[Print](#)