

COURSE DETAIL

MOLECULAR BIOLOGY

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

131

UCEAP Course Suffix**UCEAP Official Title**

MOLECULAR BIOLOGY

UCEAP Transcript Title

MOLECULAR BIOLOGY

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

This course focuses on the detailed mechanisms associated with genes and how gene expression is regulated in prokaryotes and in eukaryotes. Specific topics include DNA replication, genome organization, transcription, RNA processing, translation, and RNA interference. Text: Watson, MOLECULAR BIOLOGY OF THE GENE. Prerequisite: Genetics and Biochemistry I. Assessment: midterm, final exam, and four outside writing assignments.

Language(s) of Instruction

English

Host Institution Course Number

LST3104

Host Institution Course Title

MOLECULAR BIOLOGY

Host Institution Course Details

<https://underwood1.yonsei.ac.kr/>

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Life Science and Biotechnology

Course Last Reviewed

2025-2026

[Print](#)