

# COURSE DETAIL

## HOMOLOGICAL ALGEBRA

**Country**

Korea, South

**Host Institution**

Yonsei University

**Program(s)**

Yonsei University

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Mathematics

**UCEAP Course Number**

112

**UCEAP Course Suffix****UCEAP Official Title**

HOMOLOGICAL ALGEBRA

**UCEAP Transcript Title**

HOMOLOGICAL ALGEBRA

**UCEAP Quarter Units**

4.50

**UCEAP Semester Units**

3.00

## Course Description

The course is to introduces the basic concepts of Homological Algebra including modules, diagrams, functors, homology of complexes, tensor products, group homology, and cohomology.

### Language(s) of Instruction

English

### Host Institution Course Number

MAT4108

### Host Institution Course Title

HOMOLOGICAL ALGEBRA

### Host Institution Course Details

<https://portal.yonsei.ac.kr/ui/index.html>

### Host Institution Campus

### Host Institution Faculty

### Host Institution Degree

### Host Institution Department

Mathematics

### Course Last Reviewed

2022-2023

[Print](#)