# **COURSE DETAIL**

3.00

# **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**

## **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 Campus**

**Host Institution Faculty** 

## **Host Institution Degree**

## **Host Institution Department**

**Mathematics** 

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