

## COURSE DETAIL

### MATHEMATICS OF BIG DATA

**Country**

Korea, South

**Host Institution**

Seoul National University

**Program(s)**

Seoul National University

**UCEAP Course Level**

Lower Division

**UCEAP Subject Area(s)**

Mathematics

**UCEAP Course Number**

12

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

MATHEMATICS OF BIG DATA

**UCEAP Transcript Title**

MATH/BIG DATA

**UCEAP Quarter Units**

4.50

**UCEAP Semester Units**

3.00

## Course Description

This course teaches data-based model inference and predictive model generation. It covers the core principles of the question structure, data collection and organization, statistical inference, predictive modeling, and decision-making process. The course also studies basic theories about intermediate-level data conversion, data refinement, model fit, model selection, model diagnosis, etc., and learn them by data practice.

## Language(s) of Instruction

English

## Host Institution Course Number

M3500.001000

## Host Institution Course Title

MATHEMATICS OF BIG DATA

## Host Institution Course Details

## Host Institution Campus

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Social Sciences

## Course Last Reviewed

2022-2023

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