

# COURSE DETAIL

## INTRODUCTION TO STATISTICS

**Country**

Korea, South

**Host Institution**

Yonsei University

**Program(s)**

Yonsei University Summer

**UCEAP Course Level**

Lower Division

**UCEAP Subject Area(s)**

Statistics

**UCEAP Course Number**

20

**UCEAP Course Suffix**

S

**UCEAP Official Title**

INTRODUCTION TO STATISTICS

**UCEAP Transcript Title**

INTRO TO STATISTICS

**UCEAP Quarter Units**

4.50

**UCEAP Semester Units**

3.00

### **Course Description**

This course introduces the fundamental statistical concepts and techniques to make informed decision for a variety of real-world business and economic problems. The course objective includes collection, visualization, summarization, and analysis of statistical data to draw statistical inferences. It discusses numerical summaries of qualitative and quantitative variables, random sampling theory, central limit theorem, the normal distribution, one/two sample hypothesis testing, confidence intervals and goodness-of-fit method. Applications of Software such as MINITAB and R are also demonstrated.

### **Language(s) of Instruction**

English

### **Host Institution Course Number**

STA1001

### **Host Institution Course Title**

INTRODUCTION TO STATISTICS

### **Host Institution Course Details**

### **Host Institution Campus**

Yonsei International Summer School

### **Host Institution Faculty**

### **Host Institution Degree**

### **Host Institution Department**

Management & Economics

### **Course Last Reviewed**

2022-2023

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