

COURSE DETAIL

STATISTICS

Country

Korea, South

Host Institution

Yonsei University

Program(s)

Yonsei University

UCEAP Course Level

Lower Division

UCEAP Subject Area(s)

Statistics Mathematics

UCEAP Course Number

70

UCEAP Course Suffix**UCEAP Official Title**

STATISTICS

UCEAP Transcript Title

STATISTICS

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

An introduction to probability with a view toward applications. Topics include mathematical models for random phenomena, random variables, expectation, the common discrete and continuous distribution with applications, joint distributions, conditional distributions and expectation, independence, moment generating functions, laws of large numbers and the central limit theorem, sample and population, sample distributions, concept of estimation for population parameters, and linear regression and correlation.

Textbook: Thomas Haslwanter, "AN INTRODUCTION TO STATISTICS WITH PYTHON"

Language(s) of Instruction

Korean

Host Institution Course Number

MAT2103

Host Institution Course Title

STATISTICS

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Mathematics

Course Last Reviewed

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