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, monent 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 Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Mathematics

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