COURSE DETAIL

INTRODUCTION TO PROBABILITY THEORY
Country Korea, South
Host Institution Korea University
Program(s) Korea University
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Statistics
UCEAP Course Number 111
UCEAP Course Suffix
UCEAP Official Title INTRODUCTION TO PROBABILITY THEORY
UCEAP Transcript Title PROBABILITY THEORY
UCEAP Quarter Units 4.50
UCEAP Semester Units 3.00

Course Description

This courses provides a foundation for statistical and probabilistic concepts based on mathematical tools. It explores how to apply statistical concepts to solve real-world problems. Topics include axioms of probability, random variables, the most important discrete and continuous probability distributions, expectation, moment generating functions, conditional probability and conditional expectations, multivariate distributions, some limit theorems.

Language(s) of Instruction
English

Host Institution Course Number
STAT221

Host Institution Course Title
INTRODUCTION TO PROBABILITY THEORY

Host Institution Course Details
http://infodepot.korea.ac.kr/lecture1/lecsubjectPlanView.jsp?year=2023&term=1R&...

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Statistics

Course Last Reviewed
2022-2023

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