COURSE DETAIL

PROBABILITY AND STATISTICS I
Country United Kingdom - England
Host Institution King's College London
Program(s) King's College London
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Statistics Mathematics
UCEAP Course Number 117
UCEAP Course Suffix
UCEAP Official Title PROBABILITY AND STATISTICS I
UCEAP Transcript Title PROBABILITY&STATS 1
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description
This course introduces the basic concepts and computations of probability theory as well as the statistical analysis of data and the main statistical tests. It examines elementary combinatorial analysis, the definition of probability, unions and intersections, statistical independence, exclusivity and exhaustibility, conditional probability, Bayes' theorem, discrete and continuous random variables, binomial distribution, Poisson distribution, normal distribution, descriptive statistics, correlation and regression, hypothesis tests, and confidence intervals.

Language(s) of Instruction
English

Host Institution Course Number
4CCM141A

Host Institution Course Title
PROBABILITY AND STATISTICS I

Host Institution Course Details

Host Institution Campus
King's College London

Host Institution Faculty

Host Institution Degree

Host Institution Department
Mathematics

Course Last Reviewed

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