COURSE DETAIL

PROBABILITY AND STATISTICS 2
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 108
UCEAP Course Suffix
UCEAP Official Title PROBABILITY AND STATISTICS 2
UCEAP Transcript Title PROB & STATISTICS 2
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description

Topics cover include: Bivariate probability, continuous densities, generating functions. The exponential densities, including normal, t-, χ2 and F. Simple parametric and nonparametric tests. Further topics include the consistency, efficiency and sufficiency of estimates, maximum likelihood estimation; the central limit theorem, Chebyshev's inequality, the Neyman-Pearson lemma and the likelihood ratio test; regression, and analysis of variance.

Language(s) of Instruction
English

Host Institution Course Number
5CCM241A

Host Institution Course Title
PROBABILITY & STATISTICS II

Host Institution Course Details
https://www.kcl.ac.uk/abroad/module-options/module?id=724f6ebb-92dd-47e1-935f-9...

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Mathematics

Course Last Reviewed
2022-2023

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