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-, $\chi 2$ 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 Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Mathematics

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