

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-, χ^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 AND STATISTICS 2

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Mathematics

[Print](#)