

COURSE DETAIL

STATISTICAL METHODS

Country

United Kingdom - England

Host Institution

Imperial College London

Program(s)

Imperial College London

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Mathematics Computer Science

UCEAP Course Number

160

UCEAP Course Suffix**UCEAP Official Title**

STATISTICAL METHODS

UCEAP Transcript Title

STATISTICAL METHODS

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

This course teaches the nature of statistical data and what statistics is about. Students interpret basic statistical graphical displays and numerical summaries of data, as well as distinguish discrete and continuous random variables. Students learn to state and apply the properties of statistical distributions, alongside performing parameter estimation and hypothesis testing. Students also calculate the likelihood function for a set of data under a statistical model.

Language(s) of Instruction

English

Host Institution Course Number

M2Sj

Host Institution Course Title

STATISTICAL METHODS

Host Institution Campus

Imperial College London

Host Institution Faculty

Host Institution Degree

Host Institution Department

Computing

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