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 Course Details
http://www.imperial.ac.uk/computing/current-students/courses/M2SJ/

Host Institution Campus
Imperial College London

Host Institution Faculty

Host Institution Degree

Host Institution Department
Computing

Course Last Reviewed
2018-2019

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