

COURSE DETAIL

STATISTICAL MODELLING 1

Country

United Kingdom - England

Host Institution

Imperial College London

Program(s)

Imperial College London

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Statistics Mathematics

UCEAP Course Number

155

UCEAP Course Suffix**UCEAP Official Title**

STATISTICAL MODELLING 1

UCEAP Transcript Title

STAT MODELLING 1

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

This course extends the statistical ideas introduced in the first year to more complex settings. Mathematically, the central concept is the linear model, a framework for statistical modelling that accommodates multiple predictor variables, continuous and categorical, in a unified way. There is a focus on fitting models to real data from a variety of problem domains, using R to perform computations.

Language(s) of Instruction

English

Host Institution Course Number

MATH50011

Host Institution Course Title

STATISTICAL MODELLING 1

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Mathematics

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