COURSE DETAIL

STATISTICAL MODELING I

Country
United Kingdom - England

Host Institution
University of London, Queen Mary

Program(s)
English Universities,University of London, Queen Mary

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Statistics Mathematics

UCEAP Course Number
105

UCEAP Course Suffix

UCEAP Official Title
STATISTICAL MODELING I

UCEAP Transcript Title
STATS MODELING 1

UCEAP Quarter Units
6.00

UCEAP Semester Units
4.00

Course Description
Linear models are widely used in almost every field of business, economics, science, and industry where quantitative data are collected. This course focuses on linear models and concentrates on modeling the relationship between a continuous response variable and one or more continuous explanatory variables. The course is concerned with both the theory and applications of linear models, and covers problems of estimation, inference, and interpretation. Graphical methods for model checking are discussed and various model selection techniques are introduced.

Language(s) of Instruction
English

Host Institution Course Number
MTH5120

Host Institution Course Title
STATISTICAL MODELLING I

Host Institution Course Details

Host Institution Campus
QMUL

Host Institution Faculty

Host Institution Degree

Host Institution Department
Mathematics

Course Last Reviewed

Print