

COURSE DETAIL

MODERN REGRESSION ANALYSIS

Country

Ireland

Host Institution

University College Dublin

Program(s)

University College Dublin

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Statistics

UCEAP Course Number

140

UCEAP Course Suffix**UCEAP Official Title**

MODERN REGRESSION ANALYSIS

UCEAP Transcript Title

MODERN REGRESSION

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

The course is intended to be a (non-exhaustive) survey of regression techniques from both a theoretical and applied perspective. Time permitting, the methods students study include: exploratory data analysis, simple linear regression; multiple linear regression; regression with categorical variables; regression with interaction terms; polynomial regression; model selection for multiple linear models; and regression diagnostics.

Language(s) of Instruction

English

Host Institution Course Number

STAT20230

Host Institution Course Title

MODERN REGRESSION ANALYSIS

Host Institution Campus

University College Dublin

Host Institution Faculty

Host Institution Degree

Host Institution Department

Mathematics & Statistics

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