COURSE DETAIL

STATISTICAL MODELLING

Country
United Kingdom - Scotland

Host Institution
University of Edinburgh

Program(s)
University of Edinburgh

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Statistics

UCEAP Course Number
158

UCEAP Course Suffix

UCEAP Official Title
STATISTICAL MODELLING

UCEAP Transcript Title
STAT MODELLING

UCEAP Quarter Units
8.00

UCEAP Semester Units
5.30

Course Description

This course covers generalized linear models, some major statistical learning tools, and models for complex causal relationships, mainly in the context of social sciences. Lectures are combined with practical computer lab tutorials in order to illustrate the applications of the theoretical tools. The analysis is carried out using the statistical software environment R, which is freely available under the GNU General Public License.

Language(s) of Instruction
English

Host Institution Course Number
SSPS10027

Host Institution Course Title
STATISTICAL MODELLING

Host Institution Campus
Edinburgh

Host Institution Faculty
School of Social and Political Science

Host Institution Degree

Host Institution Department

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