Statistical Models and Data Analysis (STAT0028)

**Description**
This module aims to introduce the theory of linear and generalised linear / additive models and associated data analysis. It is primarily intended for students registered on the Masters degree programmes offered by the Department of Statistical Science, or jointly with other departments.

On successful completion of the module, a student should have an understanding of the exponential family of distributions and their use in the formulation of generalised linear / additive models, and should be able to interpret the results of fitting such models in both a technical and non-technical manner.

**Key information**
- **Year**: 2019/20
- **Credit value**: 15 (150 study hours)
- **Delivery**: PGT L7, Campus-based
- **Reading List**: [View on UCL website](#)
- **Tutor**: Dr Giampiero Marra
- **Term**: Term 1
- **Timetable**: [View on UCL website](#)

**Assessment**
- Written examination (main exam period): 90%
- Coursework: 10%

**Find out more**
For more information about the department, programmes, relevant open days and to browse other modules, visit [ucl.ac.uk](http://ucl.ac.uk)

Disclaimer: All information correct as of June 2019. Please note that aspects of the module may be subject to change. UCL will make best efforts to inform applicants of major changes.
Statistical Models and Data Analysis (STAT0028)

**Description**
This module aims to introduce the theory of linear and generalised linear / additive models and associated data analysis. It is primarily intended for students registered on the Masters degree programmes offered by the Department of Statistical Science, or jointly with other departments.

On successful completion of the module, a student should have an understanding of the exponential family of distributions and their use in the formulation of generalised linear / additive models, and should be able to interpret the results of fitting such models in both a technical and non-technical manner.

**Key information**
- **Year**: 2019/20
- **Credit value**: 15 (150 study hours)
- **Delivery**: UGM L7, Campus-based
- **Reading List**: View on UCL website
- **Tutor**: Dr Giampiero Marra
- **Term**: Term 1
- **Timetable**: View on UCL website

**Assessment**
- Written examination (main exam period): 90%
- Coursework: 10%

**Find out more**
For more information about the department, programmes, relevant open days and to browse other modules, visit ucl.ac.uk

Disclaimer: All information correct as of June 2019. Please note that aspects of the module may be subject to change. UCL will make best efforts to inform applicants of major changes.