Statistical Computing (STAT0030)

**Description**

This module aims to introduce the statistical package R with particular application to statistical modelling and a selection of computational techniques. It is 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 be able to use the statistical package R to input, edit and manipulate data, produce appropriate graphics and implement statistical methods taught in other modules. In addition, the student should be familiar with some basic principles of programming, and should be able to carry out simple programming in R with application to a variety of computational and numerical techniques.

**Key information**

- **Year**: 2019/20
- **Credit value**: 15 (150 study hours)
- **Delivery**: PGT L7, Campus-based
- **Reading List**: [View on UCL website](#)
- **Tutor**: Dr Ricardo Silva
- **Term**: Terms 1 and 2
- **Timetable**: [View on UCL website](#)

**Assessment**

- Coursework: 20%
- Coursework: 40%
- Coursework: 40%

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