# COURSE DETAIL

## STATISTICS WITH R AND RSTUDIO

**Country**
United Kingdom - England

**Host Institution**
University College London

**Program(s)**
Summer at University College London

**UCEAP Course Level**
Lower Division

**UCEAP Subject Area(s)**
Statistics

**UCEAP Course Number**
35

**UCEAP Course Suffix**
S

**UCEAP Official Title**
STATISTICS WITH R AND RSTUDIO

**UCEAP Transcript Title**
STATS/R&RSTUDIO

**UCEAP Quarter Units**
6.00

**UCEAP Semester Units**

4.00

**Course Description**

This course introduces statistics and the free software R/RStudio to students with no previous knowledge of mathematics beyond high school level. The course also assesses the uses, misuses and limitations of statistical methods. Topics range from basic descriptive statistics to more advanced topics including multivariate analysis, logistic regression, and model optimization. As additional skills, students are introduced to professional-standard plotting resources, basic programming functions in R, and the user-friendly RStudio interface.

**Language(s) of Instruction**
English

**Host Institution Course Number**
ISSU0055

**Host Institution Course Title**
STATISTICS WITH R AND RSTUDIO

**Host Institution Campus**

**Host Institution Faculty**

**Host Institution Degree**

**Host Institution Department**
Anthropology

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