**Data Analysis**

Processing, managing and analysing data is important in many fields of employment and education. This course is relevant to all students going to university, but it is of particular interest to those who will go into subjects involving statistical analysis, such as business and/or social science. Students will have the chance to familiarize themselves with principles of data analysis at a first year undergraduate level. Important parts of the research process will be introduced, including data sources; analysis packages; formulating questions; descriptive statistics, and programming. In addition, much of the time will be spent in a PC lab engaging with data and learning about practical aspects of data analysis. The programme of work is quite flexible and will address the needs and progress of each individual student. Assessment for this course is based on coursework assignments and an end of course test. As a data analyst taking the course you will be encouraged to undertake a short piece of analysis on an area of interest to you.

Data analysis is fun (really) and good data analysts apply all kinds of skills in the work they do! This includes maths, computer programming and communication. Data analysts taking the course should be willing learn about statistical theory and computer programming.