Presentation pattern   October to June

Module description

This introduction to statistics emphasises the practical side of the subject, but the theoretical principles are also included. MINITAB and other software supplied with the module are used to analyse data and develop students' understanding of statistical concepts. The module covers exploratory methods for data analysis, models for data, estimation, confidence intervals, hypothesis testing, regression and two-variable problems. Students are assumed to have mathematical competence at the level developed by *Essential mathematics* (MST124) or it's predecessor Using Mathematics (MST121).

Person specification

The person specification for this module should be read in conjunction with the generic person specification for an associate lecturer at The Open University.

As well as meeting all the requirements set out in the generic person specification, you should have:

- a degree that includes statistics and probability

- some teaching experience

- familiarity with software such as MINITAB for Windows and packages for teaching and illustrating statistical concepts.

It would be an advantage to have:

- some experience with the interpretation of statistical results.

Additional information

As students on this module will have the choice to submit their TMAs electronically, via the online TMA EMA service, you will be required to mark and provide feedback on TMAs submitted electronically and to return the marked work as an electronic file, in the prescribed form, to the online TMA/EMA service. If you are invited for an interview there is likely to be a pre interview task and some further advice will be given on electronic marking. Further information and advice will be available should you be appointed to the role

Module related details - a full explanation can be found on the website

Credits awarded to the student for the successful completion of a module:	30
Number of assignments submitted by the student:	6
Method of submission for assignments:	1b
Level of ICT requirements:	2
Number of students likely to be in a standard group:	20
Salary band:	3
Estimated number of hours per teaching week:	3.5