

M.Sc. in Applied Statistics 2004–5

Outline of Statistical Methods module

This module consists of 18 hours of lectures and 5 practical sessions. It provides an overview of statistical methods as well as some revision of material that you are expected to already know. There are two streams within the module:

1. Professor Ripley (BDR) and Mr Teo (YYT) will lecture on basic methods of statistical analysis.
2. Sir David Cox (DRC) will lecture on how data comes to be collected.

The anticipated schedule is

Week	M10	W10	Th10
1	BDR	BDR	BDR
2	BDR	YYT	YYT
3	YYT	YYT	YYT
4	BDR	BDR	BDR
6	DRC	—	DRC
7	DRC	—	DRC
8	DRC	—	DRC

the MTh lectures in week 5 being ‘spares’.

The coverage is

BDR	1–3	Plots, summaries, tests
BDR	4	Simulation
YYT	1–5	Linear models
BDR	5–7	Logistic and log-linear models.
DRC	1–6	Design of experiments, observational studies and sampling methods.

There is a web site for the module, linked from the **Courses** button on the Department’s web site. It is currently almost empty, but material will be added as the module progresses.