



DEPARTMENT OF
STATISTICS
UNIVERSITY OF OXFORD

MSc in Applied Statistics



www.stats.ox.ac.uk



Understanding an uncertain world

Applied statistics focuses on the analysis and interpretation of data in order to gain an understanding of real world problems.

- Are global temperatures rising?
- Does exposure to mobile phones increase the risk of cancer?
- What is the yield on my investment?
- Which genes are involved in disease?
- Are consumer patterns changing?
- What are the predicted sales figures?

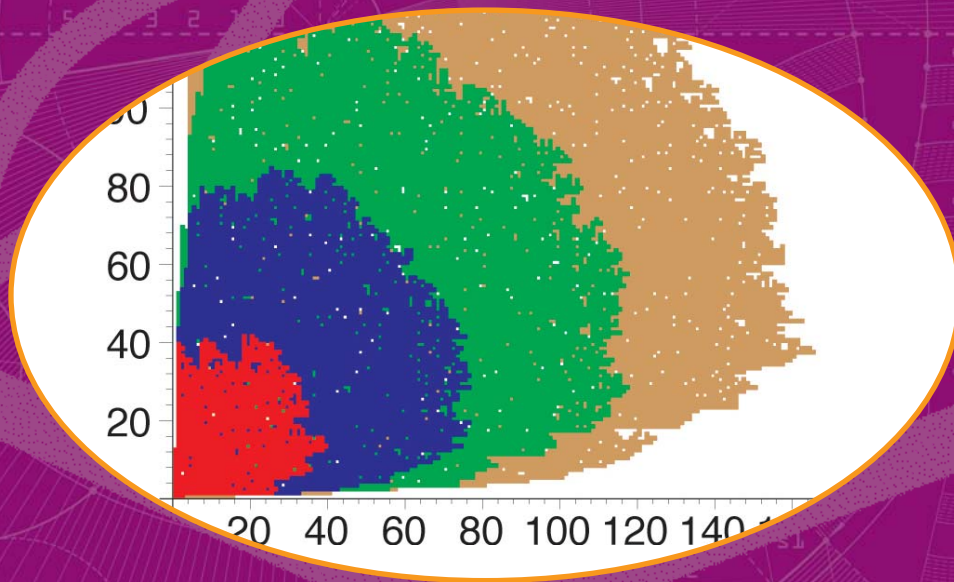
Statistical abilities are valuable in almost any sphere.



Introducing the MSc in Applied Statistics

The MSc in Applied Statistics is a 12-month Masters degree with an emphasis on statistics as an applied subject. It includes a project and gives extensive hands-on experience of analysis of real data and has a particular focus on modern computationally intensive methods.

In an applied statistics course it is appropriate that methods and applications are more prominent than mathematical theory, but students with a taste for attractive and challenging mathematics will find plenty of interest as well.



Courses Offered

Principles of Statistical Analysis

- Statistical Methods
- Statistical Theory
- Survival Analysis
- Time Series

Additional Methodology

- Further Statistical Methods
- Multivariate Analysis
- Computer-Intensive Statistics
- MCMC and Applied Bayesian Statistics

Optional Topics

- Actuarial Science
- Statistical Data Mining
- Stochastic Models in Mathematical Genetics
- Combinatorial Optimization
- Infectious Diseases



Department of Statistics

The Department of Statistics has teaching and research strengths in a wide range of modern areas of statistical science. It has experienced an exciting period of growth and development in recent years, making it one of the strongest in the UK.

An MSc in Applied Statistics at Oxford opens a host of interesting and rewarding career possibilities and gives you skills that are much in demand.

Former students have readily found employment in scientific, governmental, economic, financial and industrial contexts. Demand for graduates continues to be strong in both the UK and abroad.

The MSc in Applied Statistics is a good stepping stone for doctoral studies.



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How to get in touch

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The University Graduate Studies prospectus is available from:

www.admin.ox.ac.uk/postgraduate where you can apply for the MSc programme online or download an application form.

