Course Information Sheet for entry in 2016-17

MSc in Applied Statistics

About the course

The MSc in Applied Statistics is a twelve-month full-time taught master's degree running from October to September each academic year. The MSc has a particular focus on modern computationally-intensive methods and their use in the analysis of data.

The MSc in Applied Statistics will aim to train you to solve real-world statistical problems. When completing the course you should be able to choose an appropriate statistical method to solve a given problem of data analysis and communicate your results clearly and succinctly. The course aims to equip you with the computational skills to carry through the analysis and answer the problem as presented.

The MSc is designed to provide a broad but high-level training in applied statistics, computational statistics and statistical methods. These topics are taught through mathematically demanding lectures and problems classes. There is extensive hands-on experience of analysis of real data through practical classes. Assessment is through submitted practical reports and two examinations. There is also a dissertation on an applied project. You will have around three months to work on your dissertation under the supervision of an academic in the department.

You will be assessed on your performance in written examinations around May, through your work in the assessed practicals set throughout the year, and by the quality and depth of your dissertation.

Core topics in the taught element of the course include statistical theory and methods, statistical computing, R programming, statistical data mining and machine learning. There are in addition a number of standard and advanced options in topics which vary from year to year. In recent years these have included survival analysis, stochastic models in mathematical genetics, advanced simulation and actuarial science.

From 2016/2017, the Department of Statistics is changing the way that the MSc in Applied Statistics is delivered. There will be some changes to the course content, with more emphasis on computational statistics and statistical machine learning; more opportunity for students to take courses from the MMath Mathematics and Statistics degree; and enhanced class support. The assessment structure will remain the same as in previous years. Further information is available on the Department of Statistics website.

Changes to courses

The University will seek to deliver each course in accordance with the descriptions set out above. However, there may be situations in which it is desirable or necessary for the University to make changes in course provision, either before or after registration. For further information, please see the University's Terms and Conditions.

Expected length of course

12 months

Annual fees for entry in 2016-2017

Fee Status	Tuition fee	College fee	Total annual fees
Home/EU (including islands)	£7,185	£2,933	£10,118
Overseas	£18,770	£2,933	£21,703

The fees shown above are the annual tuition and college fees for this course for entry in the 2016-17 academic year; for courses lasting longer than one year, please be aware that fees will usually increase annually. For details, please see our guidance on likely increases to fees and charges.

Tuition and college fees are payable each year for the duration of your fee liability (your fee liability is the length of time for which you are required to pay tuition and college fees).

Additional cost information

There are no compulsory elements of this course that entail additional costs beyond fees and living costs. However, as part of your course requirements, you may need to choose a dissertation, a project or a thesis topic. Please note that, depending on your choice of topic and the research required to complete it, you may incur additional expenses, such as travel expenses, research expenses, and field trips. You will need to meet these additional costs, although you may be able to apply for small grants from your department and/or college to help you cover some of these expenses.

Living costs

In addition to your fees, you will need to ensure that you have adequate funds to support your living costs for the duration of your course.

The likely living costs for 2016-17 are published below. These costs are based on a single, full-time graduate student, with no dependants, living in Oxford. We provide the cost per month so you can multiply up by the number of months you expect to live in Oxford.

	Likely living costs for 1 month		Likely living costs for 9 months		Likely living costs for 12 months	
	Lower range	Upper range	Lower range	Upper range	Lower range	Upper range
Food	£265	£298	£2,384	£2,673	£3,177	£3,565
Accommodation	£469	£667	£4,221	£6,002	£5,627	£8,006
Personal items	£119	£244	£1,073	£2,187	£1,429	£2,915
Social activities	£60	£107	£539	£960	£718	£1,280
Study costs	£36	£73	£314	£661	£418	£880
Other	£19	£44	£197	£410	£265	£547
Total	£970	£1,433	£8,727	£12,894	£11,636	£17,191

When planning your finances for any future years of study in Oxford beyond 2016-17, you should allow for an estimated increase in living expenses of 2% each year.

More information about how these figures have been calculated is available at www.ox.ac.uk/admissions/graduate/fees-and-funding/living-costs.

21 October 2015