UNDERGRADUATE ADMISSIONS AND OUTREACH
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Mathematics and Statistics (BA) (three-year course); (MMath) (four-year course) Course Information Sheet for entry in 2026

Entry requirements

Visit Admission requirements for 2026 entry to view a summary table of each undergraduate course's entry requirements.

If English is not your first language you may also need to meet our English language requirements.

About the course

All over the world, human beings create an immense and ever-increasing volume of data, with new kinds of data regularly emerging from science and industry. A new understanding of the value of these data to society has emerged, and with it, a new and leading role for statistics.

In order to produce sensible theories and draw accurate conclusions from data, cutting-edge statistical methods are needed. These methods use advanced mathematical ideas combined with modern computational techniques, which require expert knowledge and experience to apply.

A degree in Mathematics and Statistics equips you with the requisite skills for developing and implementing these methods. The course provides a fascinating combination of deep and mathematically well-grounded method-building and wide-ranging applied work with data.

The Department of Statistics at Oxford is an exciting and dynamic place to study, with teaching and research strengths in a wide range of modern areas of statistical science. Many of its academic staff work in the development of fundamental statistical methodology and probability. There is a strong new research group working on statistical machine learning and scalable methods for Big Data.

The department has a world-leading team applying new statistical methods to huge genetic data sets in order to unlock the secrets of human genetic variation and disease. Other groups work on applied probability, network analysis, and medical, actuarial and financial applications. These interests are reflected in the lecture courses available to undergraduates in their third and fourth years.

A typical week

The typical week of a student in Mathematics and Statistics is similar to that for Mathematics:

- Years 1 and 2: around ten lectures and 2–3 tutorials or classes a week
- Years 3 and 4: 8–12 lectures and 2–4 classes a week, depending on options taken. (Courses involving statistical software packages have some lecture hours replaced by teaching sessions in labs).

Tutorials are usually 2-4 students and a tutor. Class sizes may vary depending on the options you choose. There would usually be around 8-12 students though classes for some of the more popular papers may be larger.

Most tutorials, classes, and lectures are delivered by academics who are specialists in their subject. Many are world-leading experts with years of experience in teaching and research. Some teaching may also be delivered by postgraduate students who are studying at doctoral level.

To find out more about how our teaching year is structured, visit our Academic Year page.

Significant self-study is expected of all students – for further details see workload and independent study information. Undergraduate courses at Oxford are full-time during term time. Students typically spend approximately 40 hours per week on academic work.

Course structure

The first year of this course is identical to Mathematics, and the core mathematics part of the degree is completed in the first term of the second year.
You will also follow second-year Mathematics courses in probability and statistics, and the remainder of the second year allows for some choice of topics in preparation for the greater selectivity of the third and fourth years.

Admission to this course is joint with Mathematics, and applicants do not choose between the two degrees until the end of their fourth term at Oxford. At that point, all students declare whether they wish to study Mathematics or study Mathematics & Statistics. Further changes later on may be possible subject to the availability of space on the course and the consent of the college.

There are two Mathematics and Statistics degrees, the three-year BA and the four-year MMath. Decisions regarding continuation to the fourth year do not have to be made until the third year. All third- and fourth-year mathematical topics available in the Mathematics course are also available to Mathematics and Statistics students. The fourth year is naturally more challenging and provides an opportunity for more in-depth study, including a substantial Statistics project.

Year 1	
COURSES Compulsory Year 1 includes: • Algebra • Analysis • Probability and statistics • Geometry • Dynamics • Multivariable calculus	**ASSESSMENT** First University examinations: five compulsory papers; Computational mathematics projects

Year 2	
COURSES Current core courses:	**ASSESSMENT** Final University examinations, Part A: five

Year 2	
• Probability • Statistics • Algebra • Differential equations • Metric spaces • Complex analysis Current options: • Simulation and statistical programming • Selection from a menu of other options in Mathematics	core papers and four or five optional papers

Year 3	
COURSES Current options include: • Applied and computational statistics • Statistical inference • Statistical machine learning • Applied probability • Wide range of other options in Mathematics	**ASSESSMENT** Final University examinations, Part B: the equivalent of eight written papers including assessed practicals

Year 4	
COURSES • Statistics dissertation Current options included: • Stochastic models in mathematical genetics • Probability and statistics for network analysis • Advanced topics in statistical machine learning • Advanced simulation methods • Graphical models • Algorithmic foundations of learning • Probability on graphs and lattices • Wide range of other options in Mathematics The options listed above are illustrative and may change. A full list of current options is available on	**ASSESSMENT** Final University examinations, Part C: the equivalent of eight written papers

Year 4	
the Mathematics and Statistics websites. (Not all options may be available every year – these are subject to change, as explained in the Terms & Conditions and for reasons of staff availability and student demand. The department may add extra options.)	

Most Oxford courses are assessed by examinations. These are typically at the end of the first and last years but you may have assessments at other times and some courses have exams in the second year also. First year examinations are often called Prelims or Moderations, and you need to pass these exams to progress to the second year. You must pass your final year exams, or 'finals', to pass your degree. For more information on assessment for your course, please see the Course Structure.

Finals also determine the classification of your degree. For some courses you may also be assessed on your practical work, or you may be required to submit a dissertation. Please check the assessment details for your course.

The University will seek to deliver this course in accordance with the description 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 and information about potential course changes.

You are also referred to the Student Handbook (which is updated every September).

Fees

These annual fees in 2026/27 are for full-time students who begin this undergraduate course here in 2026. Information about how much fees and other costs usually increase each year is set out in the University's Terms and Conditions.

For details of annual increases, please see our guidance on likely increases to fees and charges.

Fee status	Annual Course fees in 2026/27
Home	£9,790
Overseas	£47,570

In the 2027-28 academic year course fees for Home fee status students will rise to £10,050 (in line with the government fee cap.)

Further details about fee status eligibility can be found on the fee status webpage.

Living costs

Living costs for the academic year starting in 2026 are estimated to be between £1,405 and £2,105 for each month you are in Oxford. Students at Oxford can benefit from our world class resources and

college provision, which may help to keep costs down. Entitlement to certain types of support may depend on your personal financial circumstances.

Our academic year is made up of three eight-week terms, so you would not usually need to be in Oxford for much more than six months of the year but may wish to budget over a nine-month period to ensure you also have sufficient funds during the holidays to meet essential costs. For further details please visit our living costs webpage.

Living costs breakdown

	Per month		**Total for 9 months**	
	Lower range	Upper range	Lower range	Upper range
Food	£315	£545	£2,835	£4,905
Accommodation (including utilities)	£825	£990	£7,425	£8,910
Personal items	£160	£310	£1,440	£2,790
Social activities	£50	£130	£450	£1,170
Study costs	£35	£90	£315	£810
Other	£20	£40	£180	£360
Total	**£1,405**	**£2,105**	**£12,645**	**£18,945**

In order to provide these estimated likely living costs (which are rounded to the nearest £5), the University in collaboration with the Oxford SU conducted a living costs survey in May 2025 to complement existing student expenditure data from a variety of sources, including the UK government's Student Income and Expenditure Survey and the National Union of Students (NUS).

The current economic climate and periods of high national inflation in recent years make it harder to estimate potential changes to the cost of living over the next few years. When planning your finances for any future years of study in Oxford beyond 2026-27, it is suggested that you allow for potential increases in living expenses of around 4% each year – although this rate may vary depending on the national economic situation.

Additional Fees and Charges Information for Mathematics and Statistics

There are no compulsory costs for this course beyond the fees shown above and your living costs.

Regulation - The University of Oxford is regulated by the Office for Students and subscribes to the Office of the Independent Adjudicator for Higher Education student complaints scheme.