

Applying for a Mathematics Degree

Mathematics can be studied as a single honours degree or as a combined/joint honours degree in conjunction with another subject. Most single honours degree courses have codes starting G1, followed by two other numbers or letters, often G100.

Before applying for a Mathematics degree course, look at the features of the course, for example:

- How many modules are optional? The number of optional modules often increases in the second and third years of the course - sometimes all first year modules are compulsory.
- Does the course include several areas of applied mathematics, for example, Statistics, Mechanics and Decision Mathematics (Operational Research) or does it specialise in one of these?
- Are any of the modules assessed via coursework?
- Do you know what each of the modules listed will involve? The FMSP have produced a brief overview of a typical **first year undergraduate mathematics course**, which provides exemplar resources that illustrate the different aspects of mathematics you are likely to study.
- Is the course delivered entirely by lectures? Most universities also provide support via seminars, tutorials and additional examples classes which expand on the material covered in the lectures.

There are a wide range of degrees which involve mathematics and these often vary, even when they have the same title e.g. 'G100 Mathematics'. In addition, mathematics can be combined with many other subjects, such as:

- Mathematics and Computer Science
- Mathematics and Spanish/German/French
- Mathematics and Economics
- Mathematics and Physics
- Mathematics and Education
- Financial Mathematics
- Mathematics and Music
- Mathematical Biology

It is also possible to study for a Mathematics degree that involves studying abroad for one year.

Therefore, researching the content and structure of the degree course you plan to apply for is very important.

Application and Interview

All applications for degree courses are made via the Universities and Colleges Admissions Service (UCAS) **website**. The deadline for most courses is mid-January each year but the deadline for courses at Oxford or Cambridge, or in Medicine, Dentistry and Veterinary Science/Medicine is in mid-October (see UCAS website for exact dates). If you are thinking of

applying for a medical degree and are planning to study Further Mathematics, see the latest **guidance** relating to University entry requirements.

Interview Advice

Interviews are not always required as part of the admissions process to a maths degree. However, the following general links provide useful information when preparing for a Mathematics degree course interview:

- General guidance on the **application process** for The University of Cambridge.
- An **overview** of mathematics at the University of Cambridge.
- A tutor's eye view of the **Admissions Process** at Oxford University.
- An **overview** of mathematics at Oxford University.
- **Preparing for interviews** from NRICH.