Contact us

Enquiries Team
Tel +44 (0)117 394 1649
Email choosebristol-ug@bristol.ac.uk

If you have any questions about courses, applications or student life at Bristol, please contact the Enquiries Team.

Photography
Dan Rowley
© University of Bristol

If you need all or part of this publication in an alternative format please contact us:
Tel +44 (0)117 394 1649
Email choosebristol-ug@bristol.ac.uk
Why study mathematics at Bristol?

Whether you enjoy reasoning through subtle ideas in abstract mathematics or discovering new applications of maths to more practical areas, our courses provide you with core mathematical skills that will equip you for a variety of careers and give a strong basis for further study.

Bristol is one of the top five mathematics departments in the UK for research (THE analysis of REF 2014). Our undergraduates have access to leading mathematicians, who teach some of our first-year courses, tutorials and projects and share knowledge at the cutting edge of their fields.

The school has a wide range of research strengths, including: number theory; dynamical systems; analysis; group theory and representation theory; Bayesian modelling and analysis; behavioural biology; multiscale methods; signal processing and time series; probability theory; mathematical physics; fluids; dynamical systems and statistical mechanics; and materials science. Along with flexible module choices, this means that you can explore many different types of mathematics and find the areas you most enjoy.

The student community runs a vibrant maths society, Matrix, and the school regularly hosts conferences, visiting lectures and events.

Join us in our new home, the historic Fry Building, at the heart of the University campus. The building has been completely renovated and remodelled to provide a first-class, modern environment designed to foster creative mathematics. You’ll learn in brand new lecture theatres, tutorial rooms and computer laboratories, with plenty of space for studying, socialising and interacting with staff and other students.

Courses

**Single Honours**

**BSc Mathematics**
- three years G100

**BSc Mathematics with Statistics**
- three years G1G3

**BSc Mathematics with Statistics for Finance**
- three years G1G4

**BSc Mathematics with Study in Continental Europe**
- four years G101

**MSci Mathematics**
- four years G103

**MSci Mathematics with Statistics**
- four years G1GH

**MSci Mathematics with Study Abroad**
- four years G105

**MSci Mathematics with Study in Continental Europe**
- four years G104

**Joint Honours**

**BSc Economics and Mathematics**
- three years LG11

**BSc Mathematics and Computer Science**
- three years GG14

**BSc Mathematics and Philosophy**
- three years VG51

**BSc Mathematics and Physics**
- three years GFD3

**MEng Mathematics and Computer Science**
- four years GG1K

**MSci Mathematics and Philosophy**
- four years GV15

**MSci Mathematics and Physics**
- four years GFC3

---

‘The course is the right level of challenging – you feel like you’re doing something productive every day. The tutorials are really helpful and there’s always someone you can ask if you’ve got a question.’

Andrew (MSci Mathematics)
What will you study?

In your first year, you’ll get a rigorous introduction to the fundamentals of mathematics you’ll need to thrive in your degree. These include units across applied maths, pure maths, and probability and statistics, as well as the opportunity to take part in group work.

In the second year, you can choose from a large range of units, including algebra, combinatorics, metric spaces and statistics. You can take an open unit outside of mathematics, with options ranging from a modern foreign language to politics or psychology.

Third-year units include quantum mechanics, numerical analysis, logic, fluid dynamics and financial mathematics. Open units in third and fourth years include topics in computer science, engineering mathematics and physics.

You can switch between a BSc and MSci Mathematics up until your final year.

Most joint honours students divide their studies equally between mathematics and their partner school.

Teaching and assessment
Year one consists of compulsory topics covered in lectures and small-group tutorials, where you can work through exercises independently and with peers. You will have the freedom to investigate a range of topics in collaboration with your personal tutor and fellow students. The Mathematical Investigations unit provides the opportunity to experience project work under your personal tutor’s supervision.

First-year students typically have around 20 hours of teaching per week, with around 12 hours per week in later years.

After your first year, support for your studies continues with drop-in sessions with lecturers, feedback classes and student-led Maths Cafés. As you move through the course you will gain academic independence, with flexible opportunities for project work.

Most units are assessed by exam, in January and during the summer examination period, with regular homework throughout the year.

Personal tutors
You will be assigned a personal tutor who will normally remain with you throughout the duration of your degree course. They will get to know you, follow your progress and provide academic advice. They are your first point of contact if you have any questions about your course.

‘I chose to study at Bristol because I felt it had the perfect balance between having a great student life and being very academic and prestigious.’
Zainab (MSci Mathematics)

‘The breadth of units in Maths is fantastic. Only after first year did I find I enjoyed statistics most. Luckily, I was able to take nearly all of my third- and fourth-year units focusing on my favourite areas of study.’
Joseph (MSci Mathematics)
A mathematics degree from Bristol is highly valued by employers and is an excellent starting point for a wide range of careers. Mathematics at Bristol ranks fourth nationally in terms of graduate salaries (Longitudinal Education Outcomes data 2018) and Bristol is the second most targeted university by leading UK employers (High Fliers Research 2019). A number of our courses qualify for accreditation by professional bodies, including the Royal Statistical Society, the Institute and Faculty of Actuaries, and the Institute of Mathematics and its Applications.

Many graduates go on to work in financial services, government statistical and security services, engineering and management consultancy, IT, accountancy and teaching, at companies such as ONS, IBM, KPMG, Mercer and the civil service. Our alumni also work across broader fields, from law to community work and from sports coaching to filmmaking and the music business.

Many students also choose to continue their studies with a postgraduate course.

Applications advice for mathematics courses
We are looking for students who have a strong aptitude and genuine passion for mathematics. We do not usually interview applicants, but students who receive an offer from us will be invited to visit the School of Mathematics on one of our visit days, where we organise a range of activities to introduce you to mathematics at Bristol.

Further information
Find out more about the School of Mathematics
Website: bristol.ac.uk/maths
Twitter: @BristolUniMaths
LinkedIn: linkedin.com/groups/8746473
This information is correct at the time of printing (May 2019), but we recommend you check the University website for the latest information: bristol.ac.uk/ug20-maths.