

## Graduate Outcomes 2020/21

Full-time UK domiciled first degree graduates - 15 months after Bath

The University of Bath has an excellent record of graduate employment, featuring in the top ten for graduate prospects in three major national league tables\*. Across all subjects, 92% of Bath 2020/21 graduates who are employed in the UK are in high skilled employment, compared to 74% nationally#. Hundreds of employers of all sizes and from all industries each year advertise vacancies, deliver presentations or network with our students; we are in the top 15 universities targeted by employers†.

The information shown here is from the Higher Education Statistics Agency (HESA) Graduate Outcomes survey for 2020/21 leavers. It is the biggest UK annual social survey and captures the perspectives and current status of recent graduates, 15 months after leaving university.

Prospective employers highly value a Mathematics degree, and the skills you gain will enable you to work in a broad range of industries. Whether you are interested in government and intelligence, AI and data science or finance in the city, your maths degree opens these and many other career paths. You will develop essential transferable skills such as logical reasoning, problem-solving and communication, along with a sense of satisfaction from learning to solve real-world problems. With technology disrupting many traditional industries, the fourth industrial revolution is upon us. The demand for graduates with strong qualitative and data analyses is likely to grow, increasing job prospects for mathematicians.

### Courses included:

- Mathematical Sciences BSc‡
- Mathematics BSc/MMath
- Mathematics and Statistics BSc

Response rate	
Total in 2020/21 cohort	235 <sup>§</sup>
<b>% response rate</b>	<b>71%</b>

<sup>§</sup>Number rounded to the nearest multiple of five

‡Course since withdrawn

### Graduate outcomes by activity

Activity summary	
Employment	67%
Voluntary/unpaid work	1%
Employment and further study	10%
Further study	8%
Other: travel, caring, retired	6%
Unemployed <sup>§</sup>	8%
<b>Total</b>	<b>100%</b>

**Note:** Percentages may not total 100% due to rounding. Activity defined using HESA XACTIVITY: takes account of all activities and most important activity.

<sup>§</sup>Unemployed includes those due to start work or study.

\*6th in the Times and The Sunday Times Good University Guide 2024, 4th in the Complete University Guide 2024, and 4th in the Guardian University Guide 2024

#Compared with [all Universities UK members](#).

†The Graduate Market in 2024, High Fliers Research.

## Industries and employers

Mathematics forms the basis of many aspects of modern life and has applications across the sciences, technology, finance, and management.

Mathematics graduates work in industries with prominent numerical components such as business analytics, cybersecurity, large-scale manufacturing, and logistics. However, the skills you develop are in demand in sectors such as law, healthcare, and education.

The most frequent of the industry categories are:

- Financial and insurance activities
- Information and communication
- Professional, scientific, and technical activities

Examples of employers for the 2020/21 cohort:

- Ascent
- Department for Business Energy and Industrial Strategy
- Jane Street
- Lloyd's Banking Group
- Public Health Scotland
- PwC

## Occupations and job titles

Maths offers flexibility to take your career in many different directions. 70% of all graduate vacancies do not ask for specific degree subjects; mathematicians will also find many openings in fields unrelated to their degree. According to the Education Secretary of the London Mathematical Society, 'Maths is the best degree for jobs: you can do virtually anything you want'.

The vast majority of our UK employed Mathematics graduates are in high skilled employment (93%).

High skilled employment includes these three categories:

- Managers, directors and senior officials
- Professional occupations
- Associate professional and technical occupations

Examples of job titles for the 2020/21 cohort:

- Actuarial Analyst
- Data Scientist
- Operational Researcher
- Software Engineer
- Statistician
- Technical Consultant

## Further study

Some Mathematics graduates choose to pursue careers where they can use particularly high-level mathematical skills, such as research within universities, engineering in financial institutions, and in government. These graduates may choose to undertake master's or pursue a PhD.

Examples of institutions for the 2020/21 cohort:

- London School of Hygiene and Tropical Medicine
- The University of Birmingham
- The University of Bristol
- The University of Oxford

## More information

Find out what Bath graduates from other courses do: [go.bath.ac.uk/graduate-outcomes](https://go.bath.ac.uk/graduate-outcomes).

More information is available about how Careers supports current and prospective students, as well as graduates from Bath: [bath.ac.uk/careers](https://bath.ac.uk/careers).