Graduate Outcomes 2018/19
Full-time UK domiciled first degree graduates - 15 months after Bath

The University of Bath has an excellent record of graduate employment, and often features near the top in league tables. Across all subjects, 89% of Bath 2018/19 graduates who are employed in the UK are in high skilled employment, compared to 72% 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 2018/19. 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

†Course since withdrawn

Response rate	
Total in 2018/19 cohort	255[#]
% response rate	**74%**

[#]Number rounded to the nearest multiple of five

Graduate outcomes by activity

Activity summary	
Employment	70%
Voluntary / unpaid work	1%
Employment & further study	11%
Further study	11%
Other: travel, caring, retired	3%
Unemployed[$]	5%
Total	**100%**

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

[$]Unemployed includes those due to start work or study

*The Graduate Market in 2022, 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. Maths 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:
- Finance and insurance activities
- Information and communication
- Professional, scientific, and technical activities

Examples of employers for the 2018/19 cohort:
- Civil Service
- EY
- Fujitsu
- Sainsburys
- Secondary School

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 (89%). 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 2018/19 cohort:
- Actuarial Analyst
- Data Scientist
- Management Consultant
- Process Engineer
- Risk Analyst
- Software Developer

Further study

Some maths 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 students may choose to undertake master's or pursue a PhD.

Examples of institutions for the 2018/19 cohort:
- University College London
- University of Bristol
- University of Law

More information

Find out what Bath graduates from other courses do: go.bath.ac.uk/graduate-outcomes

More information is available about how the Careers Service supports current and prospective students, as well as graduates from Bath: bath.ac.uk/careers