Electronic and Electrical Engineering

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.

In your degree you will have studied the latest theoretical, hardware and software skills and gained a comprehensive understanding of electrical and electronic principles. Electronic and Electrical Engineering combines technical, analytical, and practical skills including designing and testing circuit building blocks, computer programming and computer-aided design. Graduates from these courses develop many skills that make them attractive to prospective employers, including teamwork, project management, communication, and numeracy as well as the ability to use specialist knowledge creatively and innovatively to solve problems. These skills help electronic and electrical engineers to be in demand in other sectors, such as finance and management.

Courses included:

- Computer Systems Engineering BEng/MEng
- Electrical and Electronic Engineering BEng/MEng
- Electronic Engineering with Space Science & Technology BEng/MEng
- Electrical Power Engineering BEng/MEng‡

‡Courses since withdrawn

Response rate	
Total in 2020/21 cohort	40$
% response rate	**71%**

$Number rounded to the nearest multiple of five

Graduate outcomes by activity

Activity summary	
Employment	80%
Voluntary/unpaid work	-
Employment and further study	3%
Further study	7%
Other: travel, caring, retired	3%
Unemployed§	7%
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.

*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

Electronic and Electrical Engineering (EEE) graduates find work in many areas, including the electronics, automotive, IT, gaming, telecoms, manufacturing, power, transport, utilities and construction industries. EEE graduates can also use their coding skills in finance and analytics.

EEE graduates find work at the forefront of evolving technologies, and this can be in large established organisations but also in new, hi-tech start-ups so there is a wide range of possibilities open to you.

The most frequent of the industry categories are:

- Manufacturing
- Information and communication
- Professional, scientific and technical activities

Examples of employers for the 2020/21 cohort:

- Airbus
- BAE Systems
- J.P. Morgan
- Photonic Universe
- Pulse Power and Measurement
- Western Power Distribution

Occupations and job titles

By far the most common job title for EEE graduates is a variant of 'engineer', showcasing that the vast majority find work that fully utilises their technical expertise.

Work with software and data is a common occupation, not surprising given the amount of computational content within these courses. These skills are also well used when EEE graduates find work in finance or communications so there are many opportunities outside engineering too.

The vast majority of our UK employed Electronic and Electrical Engineering graduates are in high skilled employment.

High skilled employment includes these three categories:

- Information and communication
- Manufacturing
- Professional, scientific and technical activities

Examples of job titles for the 2020/21 cohort:

- Consultant
- Electric Mobility Researcher
- Electrical Systems Engineer
- Graduate Design Engineer
- Graduate Software Developer
- Security Engineer

More information

Find out what Bath graduates from other courses do: 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.

Source: HESA Graduate Outcomes Survey for 2020/21 leavers relating to full-time UK domiciled first-degree University of Bath graduates, 15 months after leaving university.