Chemical Engineering

Graduate Outcomes 2019/20

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, 93% of Bath 2019/20 graduates who are employed in the UK are in high skilled employment, compared to 73% 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 20 universities targeted by employers#.

The information shown here is from the Higher Education Statistics Agency (HESA) Graduate Outcomes survey for 2019/20 leavers. It is the biggest UK annual social survey and captures the perspectives and current status of recent graduates, 15 months after leaving university.

Chemical engineers change the world by transforming ideas into products and services in an ethical, safe, responsible, and efficient way. With a Chemical Engineering degree, you could tackle important social challenges and improve quality of life. You could have a role in providing clean water and sanitation, recovering valuable materials and energy from waste, developing, and delivering food, or improving healthcare and chemical products. With a comprehensive understanding of process design and the ability to develop industrial strategies, your critical thinking and problem-solving skills enable you to progress into the wide range of process engineering roles or equally to move into a business-focused role.

Courses included:

- Biochemical Engineering MEng †
- Chemical Engineering BEng/MEng

†Course since withdrawn

Response rate	
Total in 2019/20 cohort	85$
% response rate	**76%**

$Number rounded to the nearest multiple of five

Graduate outcomes by activity

Activity summary	
Employment	80%
Voluntary / unpaid work	-
Employment and further study	11%
Further study	5%
Other: travel, caring, retired	2%
Unemployed§	3%
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.

*5th in the Times and The Sunday Times Good University Guide 2023, 6th in the Complete University Guide 2023, and 5th in the Guardian University Guide 2023

#The Graduate Market in 2023, High Fliers Research.

Industries and employers

Chemical Engineering is among the most versatile of degrees. Graduates can find work in any sector which uses chemical processes, including water, energy, food and drink, packaging, healthcare, chemicals, and pharmaceuticals.

Employers range from start-ups exploring new technologies to worldwide conglomerates and companies producing the goods you consume each day.

Chemical Engineering graduates seeking variety, or a greater business focus can use their process and analytical skills in finance, business or technical consulting, technology, and environmental organisations.

The most frequent of the industry categories are:

- Manufacturing
- Professional, scientific and technical activities

Examples of employers for the 2019/20 cohort:

- Accenture
- Clean Cold Power
- Jacobs Engineering
- Mondelez International
- RWE Supply & Trading
- Siemens Process Systems Engineering
- Syngenta

Occupations and job titles

Many of our Chemical Engineering graduates progress into careers as process engineers – but this can be called different things in different industries. Expect to see specialist titles such as nuclear engineer and titles denoting the type or location of work, such as production or project engineer.

As well as responsibility for processes, chemical engineers are involved in research and development for new products, and work in environment-focused roles in large industries.

The mathematical and programming skills used in chemical engineering are very valuable in business, especially finance and software/technology roles.

All of our UK employed Chemical Engineering graduates are in high skilled employment (100%). 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 2019/20 cohort:

- Graduate Process Engineer
- Graduate Sustainability Consultant
- Management Consultant
- Operational Analysis Consultant
- Production Engineer
- Risk Analyst
- Technical Project Engineer

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.

Source: HESA Graduate Outcomes Survey for 2019/20 leavers relating to full-time UK domiciled first-degree University of Bath graduates, 15 months after leaving university.

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