

Civil 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, and often features near the top in league tables. Across all subjects, 89% of Bath 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 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.

Civil Engineering and Civil/Architectural Engineering graduates use integrated and creative solutions to design a built environment that is sustainable and meets evolving design, environmental and technical standards. They are skilled at interdisciplinary working and integrate structural and civil engineering with architectural design. Their high levels of creative thinking and communication skills mean they excel not just in civil engineering but any area where creativity and problem-solving skills are valued.

Courses included:

- Civil Engineering BEng/MEng
- Civil and Architectural Engineering MEng[†]

55 ^{\$}
77%

^{\$}Number rounded to the nearest multiple of five

Graduate outcomes by activity

Activity summary	
Employment	88%
Voluntary / unpaid work	-
Employment and further study	7%
Further study	-
Other: travel, caring, retired	-
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.

[†]Course since withdrawn

[§]Unemployed includes those due to start work or study.

^{*5}th 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

Civil Engineering and Civil/Architectural Engineering graduates find work mainly in the consulting and contracting civil engineering firms. Large organisations who offer design and build services are sought-after destinations as are some of the more specialised firms who operate largely in a single sector, for example rail or other infrastructure.

Some graduates find employment in more environmentally focused organisations. Others choose to work outside of their cognate discipline in sectors such as fast-moving consumer goods or professional services.

The most frequent of the industry categories are:

- Professional, scientific and technical activities
- Construction

Examples of employers for the 2019/20 cohort:

- Aecom
- Buro Happold
- OPS Structures
- Stepnell
- Wallingford Hydro Solutions
- Walsh Associates

Occupations and job titles

The vast majority of Civil Engineering and Civil/Architectural Engineering Graduates find employment as civil engineers, although the job titles may simply be graduate engineer without specifying the 'civil' part.

More specialised jobs such as building systems engineer, or structural engineer are also fairly common especially in larger firms. Some job titles might reflect the place of employment, for example working as a site engineer rather than being more office-based. Other graduates choose to be more architecturally focused with titles such as architectural assistant.

Some graduates from these courses choose to employ their numerical, analytical and problemsolving skills outside of the built environment, and work as analysts or consultants in a variety of sectors.

All of our UK employed Civil Engineering graduates are in high skilled employment. 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:

- E-commerce Supply Chain Analyst
- Graduate Civil Engineer
- Graduate Data Scientist
- Graduate Engineer
- Graduate Structural Engineer
- Water & Environmental Consultant

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: <u>bath.ac.uk/careers</u>.

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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