

Faculty of Engineering & Design



UNIVERSITY OF
BATH

Industrial Placements



Civil Engineering

Chemical Engineering

Electronic & Electrical Engineering

Integrated Mechanical & Electrical Engineering

Mechanical Engineering

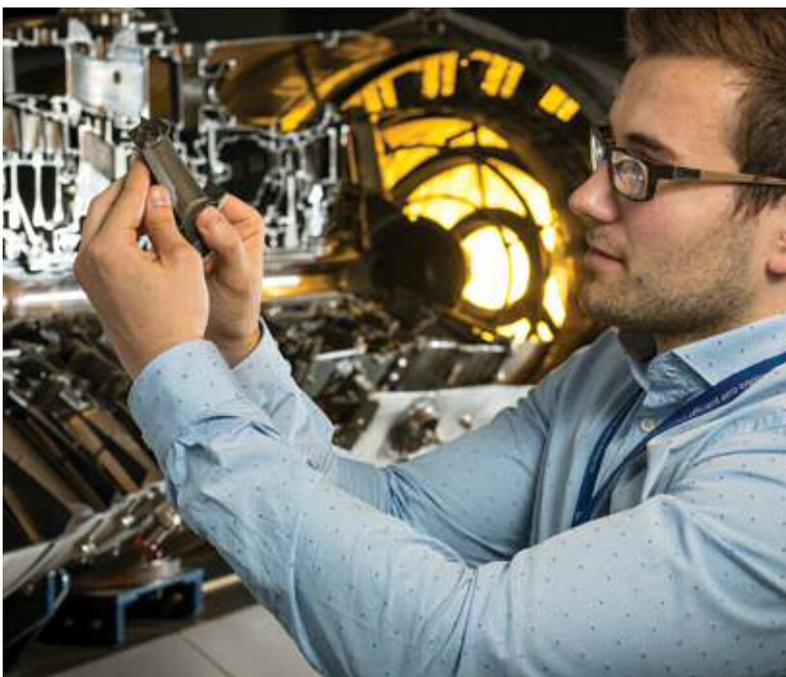
Apply your academic studies to real industrial situations



“Working at Momentum during my industrial placement year has been invaluable in helping me understand the practical application behind the theory I have learnt in my first two years studying Civil Engineering at Bath. I have worked on several projects ranging from small-scale residential barn conversions and restoration of historic buildings, to larger projects such as the Shakespeare’s Globe, London. Some of the basic calculations were covered at university during structural design modules and through CAD knowledge developed, which I was able to use to develop my understanding whilst at Momentum.”

Gemma Carey
MEng (Hons) Civil & Architectural Engineering

Bring greater knowledge and a new work ethic back to university



“Whilst at Rolls-Royce I have broadened my understanding of standard engineering practices and gas turbine principles. As well as writing extensive technical reports, I have delivered lengthy presentations to different audiences, including senior Chief Engineers, which has really helped to improve my communication skills. I was given many tasks with difficult requirements to meet within short timescales, which meant I had to manage and organise my work effectively to deliver results. I think I will see the benefit of my placement experience in the group business and engineering projects the most. Working in project management, systems engineering and risk has made me aware of key areas in any project. My placement has given me a lot of confidence and helped me mature as an engineer as well as an individual. Coupled with Rolls-Royce’s reputation, I can definitely see how my placement will impress prospective employers.”

Shannon Regan-Dunn
MEng (Hons) Mechanical Engineering

Work with professional engineers and experts in their field



“During my year on placement at McLaren Electronic Systems Ltd I have worked with a number of highly experienced engineers. I have gained confidence by speaking to customers to determine requirements and by having to gather resources from colleagues in different departments to complete my goals. Over the course of the year I have learned a whole host of programming languages and software packages used extensively in industry by engineers.”

Stephen Golton

MEng (Hons) Electrical & Electronic Engineering

Gain confidence and understand the real work of engineers in industry



“Working in a design role at Renishaw has meant that I am now much more confident in applying engineering theory to real-life situations. This will prove particularly valuable in the design projects when I return to university, and will also provide industrial context for the more theoretical units.

It is particularly exciting to be involved in design at Renishaw as it is famed for being an innovative company. The high level of investment in R&D means that even placement students have the opportunity to be involved in the development of cutting-edge products, and the broad range of expertise within the company makes it a good place to develop as an engineer.”

Harry Leaf

MEng (Hons) Mechanical Engineering

Improve interpersonal skills and your employability

ExxonMobil

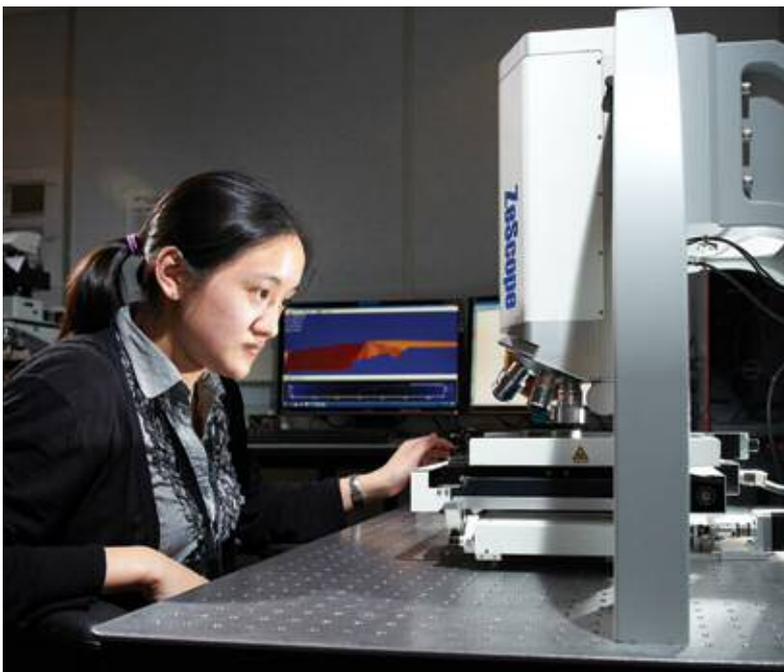


“As the Plant Computing and Business Intelligence intern I was exposed to a broad range of tasks related to the successful operation of the refinery, including the maintenance of the refinery databases and applications, and the ability to troubleshoot issues users may experience. It was essential that I communicated effectively with the operations staff to ensure that requests were processed successfully. I was also involved in a margin improvement project where I became part of a team of specialist engineers. This provided the opportunity to develop my interpersonal skills further. The confidence and skills acquired throughout this placement will benefit me a great deal in my final-year design project and with my future employability.”

Alexandra Strovall-Harf
MEng (Hons) Chemical Engineering

Confirm career aims or discover new ones

controls and data services
Part of the Rolls-Royce Group



“Throughout the year, I broadened my materials knowledge, developed my academic skills, and gained a range of practical skills. I had to manage my time effectively and prioritise assignments, which demonstrated my organisational skills and ability to work efficiently.

I also improved my communication skills and boosted my confidence through working with a variety of engineers and suppliers. The placement was a valuable learning experience, providing an insight into an engineering career, and consequently prompting my application for the graduate scheme.”

Melissa Leung
MEng(Hons) Integrated Mechanical & Electrical Engineering (IMEE)

Industrial Placements

The added knowledge, maturity and self-confidence gained on placement will contribute significantly to your studies and your employability, giving you a head start in your career.

The Faculty of Engineering & Design offers a placement service that is highly regarded by industry and our students. Combining one year's work experience with academic study is one of our key attractions.

The Faculty has offered sandwich placements since its foundation and has more placement experience and resources than other universities in the top league tables. Companies return each year for our high-calibre students and the service we provide in connecting them to the right student.

Placements allow you to experience life in the workplace and will increase your future employment prospects. Our strong links with industry ensure we can offer opportunities to be employed by major companies, consultancies, smaller SMEs or research organisations. You will be a fully contracted employee of the company but, as a placement is an integral part of your degree, you will also keep your student status receiving the full support of the University. Salaries range from £15,000 to £23,000.

You can choose a sandwich degree programme when you apply to Bath or opt in later. About half of students take this option and many return with sponsorship or an offer of employment on graduation.

A year on placement counts towards accreditation with the professional institutions and becoming a chartered engineer.

Benefits of a placement

- Apply your academic studies to real industrial situations.
- Bring greater knowledge and a new work ethic back to university.
- Work with professional engineers and experts in their field.
- Gain confidence and understand the real work of engineers in industry.
- Improve interpersonal skills and your employability.
- Confirm career aims or discover new ones.

Faculty Placements Team

We have a dedicated Placements Team embedded in the Faculty working alongside academic staff and students. We support you throughout the placement application process and during your year in industry. We are pro-active in helping you to find and secure the right job. As well as timetabled sessions on employability skills we offer one-to-one help as needed.

Placements Office
4East 2.28
University of Bath
Bath BA2 7AY

Alison Ukleja
Placements Manager
01225 383467
a.ukleja@bath.ac.uk

Companies increasingly recruit graduates from their placement students and view the placement as a year-long interview.

“The country depends on the success of universities like Bath, not just because of its innovative research but also because of the intelligent, passionate and work-ready graduates it turns out each year.”

Alistair McCall

Editor of the Sunday Times University Guide



“The Department at Bath is a consistent provider of good quality students who deliver real ideas and engineering solutions to the BP project teams.”

Hazel E Burrows

Property Support Manager

BP International Ltd



“A Bath student was requested following the first. I think the technical standard of the students is very good and they seem to get good support from the University. Also, the work we do in Rolls-Royce is suited to the material content of the degree course.”

Joanne Jamieson

Project Manager Rolls-Royce



“The standard of students is exceptionally high and the advice and support we receive from the Placements Team has been invaluable. It is our opinion that the University of Bath attracts extremely talented individuals that have a real passion for engineering.”

Alison Hallsworth

OC Robotics

Faculty of Engineering & Design



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www.bath.ac.uk/engineering/placements