One year professional placements

Engineering
There are around 400 undergraduates on engineering courses at Sussex (BEng and MEng). Typical entry offers are AAB for MEng and ABB-BBB for BEng (both including Mathematics). Most of the students seeking placement are studying on the MEng courses in Mechanical, Automotive, Electrical, Electronic and Computer Engineering.

By the end of Year two students will have studied topics in technical communication, project and financial management and professional ethics. In addition, they study engineering mathematics. All our engineering courses, cover the essentials of mechanics, electromechanics, electrical circuits, digital electronics and microprocessors, materials, and energy and power.

In Year two, the mechanical and automotive engineers study fluid mechanics, materials, computer aided design (using Ansys/Pro Engineer/Autocad), thermal power cycles, systems analysis and control.

Electrical, Electronic and Computer Engineers study electrical machines and power electronics, digital systems, microprocessors and embedded systems, electronic circuit and systems design (including circuit simulation using Multisim), and high frequency propagation.

Professor Peter Childs studied mechanical engineering at Sussex, took his PhD here and established his academic career before going to Imperial College to lead engineering design.

Joshua Seal set up his own company on winning an entrepreneurship award after graduation. He is now Global product manager for Belkin International in California.

The Department of Engineering and Design at Sussex takes great pride in our interdisciplinarity. All of our engineering students study together in year one and in cognate courses in year two. Later on, in year four of the MEng, they come back together again in interdisciplinary group projects that mimic the real-world industrial experience.

Engineering offers high-quality teaching and world-class research in an exciting and supportive learning environment. Our portfolio of professionally accredited taught degrees builds on our research expertise and is informed by industrial requirements. Students gain a solid foundation in the principles of engineering and develop analytical and problem solving skills required in a range of careers.

Student profile
There are around 400 undergraduates on engineering courses at Sussex (BEng and MEng). Typical entry offers are AAB for MEng and ABB-BBB for BEng (both including Mathematics). Most of the students seeking placement are studying on the MEng courses in Mechanical, Automotive, Electrical, Electronic and Computer Engineering.

Core content
By the end of Year two students will have studied topics in technical communication, project and financial management and professional ethics. In addition, they study engineering mathematics. All our engineering courses, cover the essentials of mechanics, electromechanics, electrical circuits, digital electronics and microprocessors, materials, and energy and power.

In Year two, the mechanical and automotive engineers study fluid mechanics, materials, computer aided design (using Ansys/Pro Engineer/Autocad), thermal power cycles, systems analysis and control.

Electrical, Electronic and Computer Engineers study electrical machines and power electronics, digital systems, microprocessors and embedded systems, electronic circuit and systems design (including circuit simulation using Multisim), and high frequency propagation.

Notable alumni
Professor Peter Childs studied mechanical engineering at Sussex, took his PhD here and established his academic career before going to Imperial College to lead engineering design.

Joshua Seal set up his own company on winning an entrepreneurship award after graduation. He is now Global product manager for Belkin International in California.

What makes our students unique?
The Department of Engineering and Design at Sussex takes great pride in our interdisciplinarity. All of our engineering students study together in year one and in cognate courses in year two. Later on, in year four of the MEng, they come back together again in interdisciplinary group projects that mimic the real-world industrial experience.

Key contacts
Senior Placements and Work Experience Officer, Careers and Employability Centre
Claire Potter
c.potter@sussex.ac.uk

Head of Department
Dr Helen Prance
h.prance@sussex.ac.uk