

COMPUTING

School of Computing, Engineering and Mathematics



University of Brighton

SIX REASONS TO STUDY **COMPUTING** AT THE UNIVERSITY OF BRIGHTON

Innovative and relevant

Having introduced the UK's first ever undergraduate course in computing we have a proven track record in innovation and responsiveness.

Today, our close links with industry and our staff research activity ensure that our courses are up-to-date and serve the needs of students and employers.

Career-focused

Our courses combine learning specialist skills with the development of the creative, business, and interpersonal skills demanded by today's employers.

As part of their degree, many students undertake a paid year in industry providing them with a head start in the job market.

A leading professional university

Many of our undergraduate courses are accredited by the British Computer Society.

Our graduates are highly sought after, for their professional and transferable skills.

Our staff are leading researchers and teachers, at the forefront of their professions.

Excellence in teaching and support

When you start, you will be assigned a personal tutor who will be available to guide you through your time at university. In addition, you will have access to a range of specialist student services.

We use a wide range of innovative teaching styles to ensure that you get the best from your time with us.

Facilities fit for the twenty-first century

Our modern facilities reflect our professional focus.

Our purpose built labs are equipped with the latest commercial applications and hardware from companies such as Microsoft, Adobe and Apple.

We also provide the latest in open source software and operating systems.

Outstanding location

Brighton & Hove has a thriving digital sector, boasting hundreds of technology companies.

Our open days give you a chance to find out about our courses, to meet current students and staff and get to know the university.

Find out more
www.brighton.ac.uk/cem/opensdays

The University of Brighton has an established reputation within computing. Focused on real-world skills, graduates of our computing courses have careers in a variety of fields including computer systems and software development, digital media and games development, project management and business analysis.

OUR COURSES

Business Computer Systems BSc(Hons)

Students acquire the skills needed to develop the software components of business systems. Emphasis is on the technical and programming skills needed to construct systems, often web-based, that support business needs.

Business Information Systems BA(Hons)

This course allows for the development of technical skills through modules in databases, network management and web application development, coupled with business facing modules in systems analysis, marketing, ecommerce and project management.

Computer Science BSc(Hons)

The correctness and reliability of software is crucial to the systems that run our everyday lives. This course develops expertise in designing algorithms and data structures, coupled with knowledge of the underlying hardware. Graduates will have the skills necessary to become specialists in creating reliable software.

Computer Science (Games) BSc(Hons)

Computer games can be broken down into three core elements: the engine that drives the dynamics of the game, the application interface and the design of the user experience. This course develops expertise in these elements, based on a sound foundation of computing knowledge.

Digital Games Production BSc(Hons) (at our Hastings campus)

This fast-paced and highly practical course is aimed at students who see their future in the professional world of interactive media, specialising in creating internet and mobile games.



Digital Media BA(Hons)

The digital media industry combines technology, creativity and business to innovate new products and user experiences. On this course students develop the technical, practical and marketing skills required to work as a digital media professional.

Digital Media Development BSc(Hons)

This course enables students to develop the knowledge of technology, innovation and production required to work as a digital media developer. It is aimed at the future developer of interactive media, such as websites, internet games and mobile apps.

European Computing/DEST Informatique BSc(Hons)

Students gain both computing skills and the ability to communicate effectively in French, spending five months of the final year at the IUT Université Paris Descartes, studying in French.

Software Engineering BSc(Hons)

This course develops software engineers capable of creating complex software applications in distributed environments. Subject areas explored include object-oriented software design and implementation, databases, software architectures and internet technology.



PLACEMENTS

All of our courses give you the option to include a paid placement year in industry. Our dedicated placements unit will help you to identify a suitable position and will support you during all stages of your placement, including the application process.

During your year in industry an academic will be allocated as your placement tutor and will visit you at your work place.

Why you should consider a placement year

- Work in industry mentored by experienced professionals
- Put into practice the skills you have gained in your first two years of study
- Develop additional skills relevant for your final year of study and your future career
- Make valuable industry contacts
- Gain experience to enhance your CV and employment prospects
- Benefit from a year of paid employment



WHAT OUR STUDENTS SAY

JO PARMENTER

Business Information Systems BA(Hons)

“The course covers a range of computing topics, from programming to project management, so gives you a taste of everything.

My degree provided me with the opportunity to gain a year's experience in industry. I took my placement with Microsoft and have been fortunate enough to be fast tracked to the final stage of their graduate scheme.”

FIND OUT MORE

If you have any questions about our courses please contact us.

University of Brighton

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