Reach your goals at Southampton by combining your ambition, your talent and our support.

Choosing the right place to study is an important decision, with many factors to think about. Join us, an institution in the top one per cent of world universities and a founding member of the Russell Group of research-intensive UK universities. At Southampton you are taught by world-leading academics on courses that are designed around you. We get you ready for the global jobs market, while giving you a great student experience.

Electronics and Computer Science (ECS) at the University of Southampton has been changing the world since its foundation and continues to do so. It is one of the world’s largest and most successful departments, with over 60 years of technology development at the leading edge. You will benefit from our superb undergraduate facilities and our internationally renowned teaching and research programmes that are ranked among the best in the UK.

These include computer science and software engineering, information technology in organisations, web science, electrical and electronic engineering, electrical engineering, electromechanical engineering and electronic engineering.

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*QS World University Ranking 2013*
“The facilities at Southampton are first class. The labs are well equipped with virtually everything you could ever need. 3D printing, PCB design tools and high frequency digital oscilloscopes are just some of the tools available.”

Thomas Smith
MEng Electronic Engineering with Power Systems
(Now Electrical and Electronic Engineering)
The Mountbatten complex, a £110m investment in UK science and technology, is one of Europe’s leading multidisciplinary cleanroom facilities.

**WORLD CLASS RANKINGS**

*University League Tables 2014*

- **8th in the UK.**
  *The Guardian University Guide*

- **2nd in the UK.**
  *The Guardian University Guide*

- **92%** of ECS graduates in professional or managerial roles within 6 months of graduating.
  *Destinations of Leavers from Higher Education Survey*

- In the top 1% of global universities
  *QS World Rankings*

Find out more [www.southampton.ac.uk/researchfacilities](http://www.southampton.ac.uk/researchfacilities)
RACING IN BRAZIL
Graduate Adrian Newey, Chief Technical Officer at Red Bull Racing, takes his talent across the world with the Grands Prix.

THE SOLAR CHALLENGE
A team of ECS students and staff designed and built a solar- and electric-powered vessel to compete in and win the annual Solar Splash World Championships in the USA.

A ROBOTIC CHALLENGE
A team of University students led by ECS organise the annual Student robotics competition to encourage sixth-form and college students to design, build and test fully autonomous robots.

100% of F1 teams contain Southampton graduates.

CHOOSE SOUTHAMPTON: A GLOBAL UNIVERSITY
As the birthplace of the Spitfire and the port the Pilgrim Fathers set sail from to discover the New World in 1620, Southampton has a history of innovation and exploration. As a forward-thinking university, we uphold these values in our education and research; join us to forge a successful future.

- Our students study at partner institutions across the world
- Our alumni are part of a network of professionals that covers the globe
- Our academics are bringing positive impact to every continent
- Our business, government and non-government organisation partners span the globe
- We are part of the Worldwide Universities Network, a collaboration of knowledge from around the world

We are an institution in the top 1% of global universities

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Our business, government and non-government organisation partners span the globe
We are part of the Worldwide Universities Network, a collaboration of knowledge from around the world

Student Robotics attract participants from across Europe

100% of F1 teams contain Southampton graduates.
INDUSTRIAL IMPACT IN CHINA

Southampton researchers are investigating the impact of industry in rural communities in China.

We have 322 partnerships in 54 countries around the world.

Students from more than 130 different countries study at the University of Southampton.

ECS staff members come from more than 30 different countries the world.

Spend a semester studying at one of our international partner universities.

We offer Electrical and Electronic Engineering at our Malaysian campus. Students spend their first two years in Malaysia and then transfer to Southampton for the last two years of their degree.

Find out more
www.southampton.ac.uk/global
CHOOSE SOUTHAMPTON: CHANGE THE WORLD

Exploring how the Web will shape our future

The University of Southampton has played a significant role in the development of the Internet and Web for nearly 30 years including invention of the Erbium Doped Fibre Amplifier (EDFA) – the ‘booster engine’ of the Internet and the foundation of the innovative discipline of Web Science 10 years ago.

The World Wide Web changed human life as we know it. Its impact and scale of adoption has gone beyond all expectations and expanded at an unparalleled rate.

Web Science has an ambitious agenda to understand and explain the Web. The University has recently launched the Web Science Institute (WSI), bringing together world-leading multidisciplinary expertise to tackle the most pressing global challenges facing the World Wide Web and wider society today. It is necessarily interdisciplinary, as much about social and organisational behaviour, as about the underpinning technology. The WSI is home to the EPSRC Centre for Doctoral Training in Web Science, with over 70 fully funded PhD students. It also runs a number of MSc programmes, the first UK undergraduate programme in Web Science and is leading the way in online education with our Web Science MOOC.

A Web and Internet Science research group (WAIS) within ECS is carrying out research to better understand the origin, evolution and growth of the World Wide Web and how it is transforming society. WAIS includes some of the most influential people in forming the Web as it is today – Professor Dame Wendy Hall, Professor Sir Nigel Shadbolt and Professor Sir Tim Berners-Lee – inventor of the World Wide Web 25 years ago. Members of WAIS are analysing the Web in order to track its development, understand its use as an organic human-driven entity, and engineer its future by developing new tools, languages and standards to ensure its continuing creative use.

Educational programmes are available in Web Science at undergraduate level (see page 33), taught masters level and PhD.
CHOOSE SOUTHAMPTON: CYBER RHINO COMES TO LIFE

Meet Erica the rhino – a six-foot long cyber-rhino that responds to faces, tweeting and touch.

Erica was designed and built by staff and students from Electronics and Computer Science as part of “Go! Rhinos”, a public art exhibition celebrating the 40th anniversary of local zoo, Marwell Wildlife. The ECS team, including specialists in electronics and web technology, were able to fully customise Erica, equipping her with digital features before being painted by a student from the University’s School of Art in Winchester.

Erica the rhino can move her ears and eyes, change her mood and even tweet. Small low powered computers (the Raspberry Pi) allow her to respond to people nearby and she has her own WiFi network and touch screens for direct interaction. Erica even has a specialist “brain team” who have made it possible for her to learn about her environment and provided her with both short and long term memory.

Since the exhibition, Erica the rhino has been given a new lease of life through school visits, science fairs and technology exhibitions. This has given thousands of young people the chance to find out more about the technology behind her creation.

“Erica’s visits have been very exciting for local schoolchildren. They have been able to have a go at using Raspberry PIs to make their own rhino noises. We hope that interactive events like these will help inspire more young people to take up science as a future career.”

Reena Pau
ECS Outreach Coordinator
Diagnosis Enabled by Micro-Technologies

A new generation of portable electronic devices are offering greater flexibility and accuracy in diagnosing and treating chronic conditions such as diabetes, predicting and preventing heart attacks, and helping people with autism.

Researchers in ECS are collaborating with colleagues in medicine to explore the latest advances in nanotechnology and micro-devices to deliver these new remote therapies to patients.

The new devices and sensors can measure blood cells from a finger prick of blood, monitor heart patients in their own homes, and measure connectivity in the brains of children with autism.
“As treatment costs rise, there is a growing need for home monitoring of patients. These devices will help identify medical risks before they arise with patients, thus saving money otherwise spent in hospitals on emergency care.”

Professor Hywel Morgan
Head, Nano Research Group
The Tesla coil in the Tony Davis High Voltage Laboratory
Fulfilling future energy demand

Our researchers are partnering with industry to find savings in the monitoring and transmission of energy. From thumbnail sized generators powered by ambient vibration to massive, undersea electrical cables, discoveries at Southampton are helping provide power to the UK and the world in a more economical and environmentally sustainable manner.

Professors Paul Lewin and Alun Vaughan in Electronics and Computer Science are working with major industrial organisations and the UK transmission system operator National Grid to address important problems related to the design and use of high-voltage cables to reduce operational costs, minimise risk of network failure and cut carbon emissions. They are developing sophisticated materials that would adequately insulate new, high-voltage cables, be less energy intensive in their production and be fully recyclable at the end of their life.

Their research is carried out in our world leading Tony Davies High Voltage Laboratory. The lab is an active centre for research into dielectric materials, insulation systems, high voltage and related phenomena and can be used by electrical, electromechanical and electrical and electronic engineering undergraduate students in their projects.

“The faculty is passionate about their work while teaching the next generation of engineers and a structured curriculum that covers a range of areas in electrical engineering while being flexible at the same time. The University also has a great reputation in industry, which always helps when looking for work experience or applying for a job after graduation.”

Naved Syed
MEng Electrical Engineering

Find out more
www.highvoltage.ecs.soton.ac.uk
Dr Kirk Martinez

SENSING THE PLANET

Kirk studies our planet in new ways using tiny computers and smart electronics. His pioneering technology allows him to go into inhospitable environments such as those found in Iceland to read temperature and pressure, sense shocks and measure ice movement to the nearest millimetre.

OUR PEOPLE

Southampton people have a passion to change the world through their research and collaborations with global partners

► Our lecturers push the boundaries of knowledge
► You are taught differently; our research informs your education
► Studying with our world-leading academics gives you an edge
► You are involved with important research as it unfolds
► Join us and help shape the next generation of technology
Professor Sir Nigel Shadbolt

**WORLD-LEADING EXPERT**
One of the co-creators of the interdisciplinary field of Web Science at the University and the pioneering co-founder of the Open Data Institute, Nigel received a knighthood for services to science and engineering in 2013.

Professor Dame Wendy Hall

**GLOBAL CONNECTIONS**
Wendy was one of the first scientists to carry out serious research in multimedia, hypermedia and the Web and is recognised as one of the world’s leading computer scientists.

Nick Jennings

**ROYAL RECOGNITION**
Nick, Professor of Computer Science and a Chief Scientific Advisor to the UK Government, has been appointed as the first Regius Professor in Computer Science by HM The Queen in recognition of exceptional high-quality teaching and research at Southampton.

Find out more
www.ecs.soton.ac.uk/people
CHOOSE SOUTHAMPTON: DESIGN YOUR OWN EDUCATION

Your courses are developed and taught by world experts

Your course offers you breadth as well as depth

➤ Be independent and shape your course
➤ As well as large lectures and small seminars, you can access many lectures and learning resources on the move
➤ We work with you to make programmes more flexible
GET AHEAD FOR YOUR CAREER

Over 120 leading technology companies are affiliated to the ECS Careers Hub

ECS alumni provide mentoring to students on business start-ups and enterprise opportunities

Our annual Engineering and Technology Careers Fair attracted over 85 leading companies in 2014

400 jobs and internships posted in 2013

Companies like Google, Microsoft, and ARM sponsor coding challenges and start-up weekends

Get involved in community volunteering projects

Meet with friends in our bars and cafés on campus and in halls

50,000 e-books

3 million books, journals and reports in our libraries

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Wi-Fi across all our campuses

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24 HOUR ACCESS TO VIRTUAL LEARNING

14 dedicated ECS student societies

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SOCIAL LIFE

JumpStart induction week helps you settle into ECS

Meet with friends in our bars and cafés on campus and in halls

Our Enabling Services provides support when you need it

ECS alumni provide mentoring to students on business start-ups and enterprise opportunities

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Take part in our outreach programme to spread the word about science, technology, engineering, and maths.

Find out more
www.southampton.ac.uk/choice
The flexibility and variety within the course modules enabled me to become a well-rounded graduate with both technical and business skills, highly valued by employers.”

Phil Applegate
BSc Information Technology in Organisations; currently working as Systems Engineer, BAE Systems
CHOOSE SOUTHAMPTON:
SHAPE YOUR FUTURE

A degree at Southampton opens doors for career opportunities

Southampton fast-tracks your ambitions

- We prepare you for future challenges not yet imagined and jobs not yet thought of
- We are among the top 20 UK universities targeted by the largest number of top 100 graduate recruiters.*
- Over 300 companies a year offer jobs to students through the ECS Careers Hub
- In the DLHE survey, seven ECS graduates reported starting salaries above £40k. The highest salary reported by an ECS graduate in the DLHE survey is £46K
- We are one of the top 30 UK universities for starting salaries according to The Sunday Times University Guide 2012

We can help you build your dream CV

- Take advantage of our commercial partnerships with more than 120 ECS affiliated companies via work placements, internships and volunteering
- Network with top employers at our annual Engineering and Technology Careers fair, which attracted 85 leading companies in 2014
- Keep up to date with the latest news of our ECS Careers Hub, which includes a database of current opportunities
- Get advice from ECS alumni about future careers
- Specialise further with one of our postgraduate courses and gain a more in-depth knowledge of your subject to realise your ambitions
- Gather evidence of your achievements through our programme of personal development to complement your academic study
- Build your entrepreneurial skills by engaging with our Student Enterprise programme

OUR GRADUATES LAND JOBS AT HIGH-PROFILE ORGANISATIONS SUCH AS:

Altera  Altera  Goldman Sachs
Apple  Apple  Google
Amazon  Amazon  Hawk-Eye
ARM  ARM  IBM
Audi  Audi  Imagination Technologies
BAE Systems  BAE Systems  Jaguar Land Rover
Bloomberg  Bloomberg  J P Morgan
BBC  BBC  London Transport
Broadcom  Broadcom  McLaren
Cisco  Cisco  Microsoft
Cobham Technologies  Cobham Technologies  Nettcraft
Entrepreneur First  Entrepreneur First  Ocado
Ericsson Television  Ericsson Television  Samsung
Facebook  Facebook  Sony
FactSet  FactSet  STFC Technology

*High Fliers Research, 2012
BUILD YOUR DREAM CV

- Dedicated ECS Careers Hub
- Advice from ECS Alumni
- Personal development programme
- Work placements, internships and volunteering
- Annual Engineering and Technology Careers Fair
- More than 120 ECS affiliated companies
- Jobs advertised on the ECS intranet

Find out more
Learn how we can help you build your dream CV:
www.southampton.ac.uk/dreamcv
Investigate Your Future

After University, Oliver worked for the British Antarctic Survey maintaining the two atmospheric radar based at Halle Research Station on Brunt Ice Shelf.

He carried out a wide range of tasks from low level electronics to software development. His job involved both routine maintenance of the radar but he was also called upon to diagnose and resolve any problems that occurred.
“For the last two years of my studies I was encouraged to tailor the course to my interests and my future career path. The laboratory skills and system diagnostics from my degree have been vital in my job.”

Oliver Bonner
MEng Electronic Engineering, 2011;
Electronics Engineer, British Antarctic Survey
Are you prepared to work at the top of your field? Our range of stimulating and cutting-edge ECS degree programmes will ensure you are a step ahead in the global jobs market.

Choose Southampton

- Theory backed up by practical experience and industrial placements
- 90% of ECS students in jobs or advanced study a few months after graduating
- World-renowned academics and excellent industry-standard facilities.
- Academics with prestigious Fellowships from the Royal Academy of Engineering and the Royal Society are involved in teaching and supervision of undergraduate students
- Electrical and electronic engineering were ranked number one in 1987 (THES) and are still in the top three today – 27 years later
- In the 2008 research assessment exercise (RAE), ECS was ranked joint second in the UK in Computer Science; and second in the “medals” tables in electronics and electrical engineering (together with the University’s Optoelectronics Research Centre)

98% MEng Computer Science students are satisfied with the quality of their course KIS 2013, www.unistats.com

90% MEng Electrical Engineering students go on to work or study KIS 2013, www.unistats.com
**Course Structure**

All of our courses give you the opportunity to complete a year’s industrial placement and study a modern language. Your lectures and tutorials will be backed up by experiment and project work in the laboratories.

Our courses are offered as:
- BEng (Bachelor of Engineering), BSc (Bachelor of Science) – three year courses
- MEng (Master of Engineering) and MComp (Master of Computing) – four year courses giving you a higher technical and professional qualification

**Engineering Foundation Year**

Designed for students without traditional entry qualifications, a Foundation Year provides an entry route to our computer science and engineering degrees. If you meet the required grades in your foundation year you then automatically progress onto your chosen degree programme. To find out more visit www.southampton.ac.uk/foundationyear

**Course areas in ECS**

**Software Engineering, Computer Science** – you will design software for demanding applications at the forefront of software development such as aspect-oriented programming, computational finance, rich internet applications, and secure and mobile systems.

**Information Technology in Organisations** – ITO combines both the technical theory, practical and business skills for you to design and develop IT solutions for a range of organisations. We aim to produce IT professionals who understand the technology, organisational needs and the way people work together to design effective IT solutions.

**Web Science** – our unique multidisciplinary course will help you investigate the Web as a social and technical phenomenon. You will explore the technical underpinnings of the web, as well as how billions of people across the world use and depend on it for their business, politics and social networking.

**Electronic Engineering** – electronic signals drive the world around us from consumer electronics, computer processors to communication technology. Our electronic engineering graduates are in constant demand to make this happen.

**Electrical and Electromechanical Engineering** – these broad-based courses cover elements ranging from power systems and electronics to computing. If you are interested in systems engineering or robotics then electromechanical systems is for you.

**Electrical and Electronic Engineering** – based on our long experience of teaching electrical engineering and electronic engineering, this course is available at both our Southampton campus and our new campus in Malaysia. You will investigate a wide range of EEE from the electronics and chip design behind smartphones to the energy requirements of power transmission.

**How will you learn?**

You will be taught in a variety of ways including formal lectures and tutorials, coursework and practical laboratory sessions. Throughout your programme you will develop skills for the workplace through group activities and large design projects. In your later years you will complete industrially sponsored group design projects and learn to engineer professionally within a strict budget and deadline.

**Professional accreditation**

The relevant professional accreditation bodies for our degree programmes are the British Computer Society and the Institution of Engineering and Technology.

**Curriculum innovation**

Our new Curriculum Innovation Programme lets you personalise your learning by choosing interdisciplinary modules or existing modules from other programmes such as entrepreneurship, law, management, mathematics and modern languages. Using this approach, our Information Technology in Organisations programme can be taken with a range of business orientated minors.

**National awards**

Our work has been recognised nationally. We are one of only a handful of universities to receive the prestigious title Regius Professor, an honour bestowed by The Queen, marking our excellence in the field of Computer Science and reflecting our exceptionally high quality of teaching and research. We have also received the Athena SWAN Bronze Award for our commitment to tackle the problem of gender inequality in science.

**Find out more**

Tel: +44 (0)23 8059 2969
Email: fpse-ugapply@southampton.ac.uk
[www.southampton.ac.uk/ecs](http://www.southampton.ac.uk/ecs)
Degrees with Industrial Experience

Students on our main MEng and MComp programmes now have the opportunity to take a year in industry with one of our recognised partner companies and to graduate with an MEng or MComp degree with Industrial Studies.

A year in industry is a great way to give you a competitive edge among graduate recruiters by showing you can relate your academic skills and knowledge to contemporary industrial practice. It can help you to connect with future employers, add value to your CV or launch your career in a new-found direction, as well enabling you to develop business and team-working skills in your chosen industry.

The year in industry is taken between Years 3 and 4 and includes a project to boost your MEng or MComp programme. During the year you will continue to have the support of the University with regular contact between you and the ECS team.

If you are interested in this route you should apply for an MEng or MComp as normal, and then apply to transfer to the Industrial Studies pathway during the third year of your degree. Acceptance is based on academic performance in your first two years. There are reduced fees while you are on placement (and you may receive a salary from the company for that year).

Courses with Industrial Studies
- MEng Computer Science
- MComp in IT in Organisations
- MEng Software Engineering
- MEng Electronic Engineering
- MEng Electrical and Electronic Engineering
- MEng Electrical Engineering
- MEng Electromechanical Engineering

“I am so glad I accepted this placement. I learned so much about presenting, communicating – many things you don’t necessarily learn at university – and the amount of contacts I made was amazing.”

Raj Shah
ElectroMechanical Engineering; industrial placement with IBM
At Southampton our Computer Science graduates have a world-leading reputation for creative solutions based on cutting-edge knowledge and state-of-the-art technical skills. Globally computer science systems, networks and applications affect our everyday lives in healthcare, business, entertainment and communications.

Our outstanding facilities and renowned teaching staff prepare our students to work in a wide variety of areas and fields. We are proud they are setting the agenda for tomorrow’s ever-changing digital world.

**Assessment**

Practical skills are assessed through laboratories and project work (both individual and group), while theoretical skills and knowledge are assessed through coursework and exams.

**Programme structure**

**BSc Computer Science**

This three-year programme will give you the grounding to work in any area of the computing industry. During the first two years you will develop the core and professional skills, knowledge and understanding that underpin computer science. In your third year you can tailor your programme to suit your interests and career aims. You will also work on an individual project with the potential to explore cutting edge technologies and innovative applications.

**MEng Computer Science**

This four-year programme prepares you for the next generation of systems and software by exploring hot research topics such as complexity theory, social media technology, or biologically inspired robotics. In the fourth year you will take part in a group design project working with a real industry customer or solving challenging problems through imaginative application of technology. The programme can also be offered with Industrial Studies. See page 28 for details.

**MEng Computer Science with a specialism**

In this programme you can specialise in artificial intelligence or mobile and secure systems. You can also transfer to software engineering.

**Core Modules Taken in Years 1 and 2:**
- Programming
- Algorithmics
- Professional Development
- Computer Systems
- Foundations of Computer Science
- Data Management
- Software Modelling and Design
- Distributed Systems and Networks
- Intelligent Systems
- Theory of Computing
- Programming Language Concepts
- Interaction Design
- Software Engineering Group Project

**Optional modules**

In Years 3 and 4 we offer numerous optional modules that reflect the specialist areas of Computer Science and the key technology areas that will be critical in the future within the overall context of Electronics and Computer Science. See page 40 for further details.

**Key information**

**Programme Leader:** Dr Nicholas M Gibbins

**Start date:** October 2015

**Entry requirements:**

- 3 year BSc: AAA in three A Levels, including Mathematics (or equivalent qualifications)
- 4 year MEng: A*AA in three A Levels, including Mathematics (or equivalent qualifications)

**Language requirements:** IELTS 6.5 overall with at least 5.5 in each competency

**Total intake:** 110

**Career destinations:** our graduates go on to gain jobs in a wide variety of companies including software development, media and communications, finance, energy, high-tech manufacturing, and security

**Accreditation:** British Computer Society
Information Technology in Organisations (ITO)
BSc G560 (3 years) and MComp G500 (4 years)

Overview
This three-year programme gives you a good grounding in the fundamental issues (technical and business) of IT in Organisations. You will look at the growing trends in e-business and e-commerce, the effects of IT on society, the security of IT systems, and the technology that underpins these activities. In Year 3 you can focus on having a management, technical or balanced portfolio of modules to suit your interests and career aims.

MComp in IT in Organisations
This four-year programme will give you a more advanced understanding of IT in Organisations. It focusses on the more advanced technical aspects of IT in organisations and allows you to achieve Chartered IT Professional status in the shortest time. You will complete a group design project, an individual research project and a compulsory e-business strategy module. The programme can also be offered with Industrial Studies. See page 28 for details.

Core Modules Taken in Years 1 and 2:
- Web Design
- Foundations of Computer Science
- Algorithmics
- Programming (Java)
- Business Information Systems
- Computational Systems
- Systems and Platforms
- Groups, Teams and Leaders
- Databases and Application
- Application Scripting (ooPHP)
- Networking in Organisations
- Commercial Aspect of IT
- Human Factors in Design
- Integrative Project
- Mathematics for ITO

Optional Modules
In Years 3 and 4 we offer numerous optional modules that reflect the specialist areas of interest in Information Technology in Organisations. These optional modules fit within the overall context of Electronics and Computer Science. See page 40 for further details.

ITO with a Minor
Information Technology in Organisations (ITO) offers students the option to undertake a minor alongside the major in ITO. A minor allows you to broaden your degree by replacing your optional modules over the first three years with a dedicated set of modules for the minors. Currently on offer from ECS are minors in:
- Applied Economics
- International Relations
- Modern Languages
- Psychology
- Sustainability

Key information
Programme Leader: Dr Gary Wills
Start date: October 2015
Entry requirements:
3 year BSc: AAB in three A Levels
DDD in BTEC Level 3 Extended Diploma in IT
(or equivalent qualifications)
A good grade at GCSE Maths (or equivalent) is required
4 year MComp: AAA in three A Levels
DDD* in BTEC Level 3 Extended Diploma in IT
(or equivalent qualifications)
A good grade at GCSE Maths (or equivalent) is required
Language requirements: IELTS 6.5 overall with at least 5.5 in each competency
Total intake: 40
Career destinations: our graduates go on to gain jobs in a wide variety of industries and companies including IT consultancy, management and the finance sector
Accreditation: by British Computer Society

Find out more
Tel: +44 (0)23 8059 2969
Email: fpse-ugapply@southampton.ac.uk
www.ecs.soton.ac.uk/ito
Software Engineering
BEng G4G6 (3 years) and MEng G600 (4 years)

Overview
Engineering high quality, secure and reliable software systems has never been so challenging. The modern world is driven by an astonishing variety of interconnected software, from phone apps to systems that control critical utilities and infrastructure.

At Southampton we produce sought-after graduates who can create the next generation of software systems and who go on to work with some of the world’s biggest technology companies.

Assessment
Practical skills are assessed through laboratory and project work (both individual and group), while theoretical skills and knowledge are assessed through coursework and exams.

Programme structure
BEng Software Engineering
This three-year programme allows you to pursue a career in any area of the software industry. During the first two years you will develop the core and professional skills, knowledge and understanding that underpin software engineering. In your third year you can tailor your programme to suit your interests and career aims. You will also work on an individual project to take a piece of software from development to implementation and evaluation.

MEng Software Engineering
This four-year programme gives you the chance to learn how software engineering must adapt to deal with new technologies and challenges. In the fourth year you will take part in a group design project working with a real industry customer or solving challenging problems through the imaginative application of technology. The programme can also be offered with Industrial Studies. See page 28 for details.

Core Modules Taken in Years 1 and 2:
- Programming
- Algorithmics
- Professional Development
- Computer Systems
- Foundations of Computer Science
- Data Management
- Software Modelling and Design
- Distributed Systems and Networks
- Intelligent Systems
- Theory of Computing
- Programming Language Concepts
- Interaction Design
- Software Engineering Group Project

Optional modules
In Years 3 and 4 we offer numerous optional modules that reflect the specialist areas of Software engineering and the key technology areas that will be critical in the future within the overall context of Electronics and Computer Science. See page 40 for further details.

Key information
Programme Leader: Dr Nicholas M Gibbins
Start date: October 2015
Entry requirements:
3 year BEng: AAA in three A Levels, including Mathematics (or equivalent qualifications)
4 year MEng: A*AA in three A Levels, including Mathematics (or equivalent qualifications)
Language requirements: IELTS 6.5 overall with at least 5.5 in each competency
Total intake: 15
Career destinations: our graduates go on to gain jobs in a wide variety of industries including energy, high-tech manufacturing, and defence and communications
Accreditation: by British Computer Society

Find out more
Tel: +44 (0)23 8059 2969
Email: fpse-ugapply@southampton.ac.uk
www.ecs.soton.ac.uk/se
“The interdisciplinary aspect of Web Science allows for individuals from a plethora of backgrounds to combine their knowledge and expertise, which creates a learning environment of the highest quality.”

Lisa Sugiura
Web Science PhD Student
Web Science
BSc (Computer Science) I201 (3 years) and BSc (Social Science) I200

Overview
We are pioneering the development of Web Science, a new discipline that aims to provide a thorough understanding of the Web as a social and technical phenomenon. This multidisciplinary course explores the impact of the Web on society and builds skills and expertise in the technical underpinnings of the Web as well as the social processes that have shaped its evolution.

You will be taught by researchers at the forefront of Web Science who are tackling some of the Web’s biggest challenges and will benefit from our excellent facilities, key partnerships with major industries and world-leading research base.

Assessment
Your theory will be assessed through examinations and coursework, while your practical experience will be assessed by laboratory work, design exercises and dissertations.

Programme structure

BSc Web Science (Computer Science)
This three-year programme develops a critical understanding of the Web, its history and current trajectories of development. You will specialise in computational understanding and analysis of the Web and will take additional modules in programming and scripting, data management and the technical underpinnings of the Web.

BSc Web Science (Social Science)
You can choose this alternative pathway that offers theoretical and methodological expertise in the social scientific understanding and analysis of the Web.

Core Modules Taken in Years 1 and 2:
- Information, Technology and Social Change
- Programming
- Web Design
- Foundations in Social Theory
- Introduction to Quantitative Methods
- Web Agents, Actors and Agency
- Interdisciplinary Group Project
- Databases and Application
- Interaction Design
- Digital Literacies

In Years 2 and 3 we offer numerous optional modules. Visit www.southampton.ac.uk/webscience to find out more.

Key information
Programme Leader: Dr Mark Weal
Start date: October 2015
Entry requirements:
3 year BSc: AAB in three A Levels, including Mathematics (or equivalent qualifications)

Language requirements: IELTS 6.5 overall with at least 5.5 in each competency

Total intake: 20

Career destinations: Web Science will equip you with unique cross-cutting knowledge and skills, marketable to a broad range of employers and employment sectors. We have strong relationships with employers, and our graduates are particularly in demand for their understanding of organisations and their practical abilities in the workplace.

Find out more
Tel: +44 (0)23 8059 2969
Email: fpse-ugapply@southampton.ac.uk
www.ecs.soton.ac.uk/ws
Electronic Engineering
BEng H610 (3 years) and MEng H603 (4 years)

Overview
Southampton has an unrivalled reputation in Electronic Engineering and our graduates are employed worldwide in highly prestigious positions. They use the skills and knowledge they developed in Southampton to engineer the electronic signals that pervade the world around us. From cutting-edge electronics, computer processors and artificial intelligence, to nanoscale materials and communication techniques – our students have a hand in it all.

Assessment
Laboratories, design exercises and projects are used to assess the practical aspects, while coursework and exams assess the theoretical aspects.

Programme structure
BEng Electronic Engineering
This three-year programme will enable you to work in any area of the electronic industry. During the first two years you will develop the skills, knowledge and understanding that underpin electronic engineering. In your third year you can tailor your programme to suit your interests and career aims. You will also work on an individual project to build a challenging and unique electronic system.

MEng Electronic Engineering
This four-year programme develops the management skills needed to become a leader in the electronics industry. In the fourth year you will be challenged to either solve real problems for a real industry customer or to transfer technology from the University into industrial practice. The programme can also be offered with Industrial Studies. See page 28 for details.

MEng Electronic Engineering with ‘a specialism’
In this programme you can specialise in Artificial Intelligence, Computer Systems, Nanotechnology, Wireless Communications or Mobile and Secure Systems.

Core Modules Taken in Years 1 and 2:
- Electronic Circuits
- Electronic Systems and Advanced Electronic Systems
- Electronic Design
- Digital Systems and Microprocessors
- Digital Systems and Signal Processing
- Computer Engineering
- Programming and Advanced Programming
- Solid State Electronics
- Devices
- Electrical Materials and Fields
- Electromagnetism for Communication
- Control and Communications
- Mathematics for Electrical and Electronic Engineering

In Years 3 and 4 we offer numerous optional modules that reflect the specialist areas of Electronic Engineering and the key technology areas that will be critical in the future within the overall context of Electronics and Computer Science. In addition to the individual project, students select up to five modules from 24 technical options and numerous non-technical options in Year 3. In addition to the group project, MEng students select up to five modules from 39 technical options in Year 4. See page 40 for further details.

Key information
Programme Leader: Dr Rob Maunder
Start date: October 2015
Entry requirements:
3 year BEng: AAA in three A Levels, including Mathematics and Physics (or equivalent qualifications)
4 year MEng: A*AA in three A Levels, including Mathematics and Physics (or equivalent qualifications)
Language requirements: IELTS 6.5 overall with at least 5.5 in each competency
Total intake: 45
Funding: scholarships are available from the UK Electronics Skills Foundation and the Institution of Engineering and Technology. For more information visit www.ecs.soton.ac.uk/money
Career destinations: our graduates go on to gain jobs in a wide variety of industries including communications, energy, transport, high-tech manufacturing, and security
Accreditation: by the Institution of Engineering and Technology
“The students apply all of the skills, knowledge and understanding they have learnt in their studies to the system design project”

Dr Rob Maunder
Senior Lecturer and Programme Leader for Electronic Engineering
Electrical and Electronic Engineering
BEng H600 (3 years) and MEng H602 (4 years)

Overview
Many aspects of our modern life are influenced by electrical and electronic engineering including energy, healthcare, entertainment, commerce, communications manufacturing and the environment.
This flexible programme combines our extensive experience in teaching highly regarded Electrical Engineering and Electronic Engineering degrees. You will gain a broad range of skills and have the flexibility to tailor your course to suit your interests in Electrical and Electronic Engineering.

Assessment
Laboratories, design exercises and projects are used to assess the practical aspects, while coursework and exams assess the theoretical aspects.

Programme structure
BEng Electrical and Electronic Engineering
This three-year programme gives you the strong fundamental skills to become a good electrical and electronic engineer. In the third year you can tailor the course to suit your interests or career aims. You will also get involved in the design, simulation, building and testing of an electrical and/or electronic system as part of your individual project in collaboration with an academic who is also an active researcher.

MEng Electrical and Electronic Engineering
This four-year programme will provide you with the necessary management skills to become an industry leader. You will test and further develop your technical skills and learn and develop management skills by working in a project team to tackle a real engineering problem. You will further develop your knowledge in electrical and electronic engineering through the range of optional modules available across ECS. The programme can also be offered with Industrial Studies. See page 28 for further details.

Core Modules Taken in Years 1 and 2:
- Electrical Materials and Fields
- Electronic Circuits
- Electronic Systems

Optional modules
In Years 1 and 2, Electrical and Electronic Engineering students also pick an optional module in their area of interest (for example Advanced Programming, Devices, Electrical Machines, Materials, Computer Engineering, Mechanics or Advanced Electronic Systems). In Years 3 and 4 we offer numerous optional modules that reflect the specialist areas of interest in Electrical and Electronic Engineering and the key technology areas that will be critical in the future, within the overall expertise of ECS. See page 40 for further details.

Key information
Programme Leader: Dr Mark French
Start date: October 2015
Entry requirements:
3 year BEng: AAA in three A Levels, including Mathematics and Physics (or equivalent qualifications)
4 year MEng: A*AA in three A Levels, including Mathematics and Physics (or equivalent qualifications)

Language requirements: IELTS 6.5 overall with at least 5.5 in each competency

Total intake: 45

Funding: scholarships and paid industrial placements are available from the UK Electronics Skills Foundation and the Institution of Engineering and Technology (including their ‘Power Academy’ scheme). For more information visit www.ecs.soton.ac.uk/money

Career destinations: our graduates will go on to gain jobs in a wide variety of industries involved in power generation and distribution, communications, renewable energy, microelectronics, transport or security. Alternatively, some choose a career in research, management or finance.

Accreditation: by the Institution of Engineering and Technology

Find out more
Tel: +44 (0)23 8059 2969
Email: fps-e-apply@southampton.ac.uk
www.ecs.soton.ac.uk/eee
Electrical Engineering
BEng H620 (3 years) and MEng H601 (4 years)

Overview
Electrical engineering concerns anything that involves electrical power, from the electromagnetism of superconducting systems to the principles of power generation and transmission, and the development of more efficient and sustainable energy sources.

At Southampton we will provide you with the analytical skills to design and develop the technology of tomorrow using our outstanding experimental facilities, including our high-voltage laboratory.

Assessment
Examination and coursework ensure rigorous assessments of theoretical knowledge. Laboratories, design exercises and projects are used to test practical aspects.

Programmes

BEng Electrical Engineering
This degree covers all topics related to electrical power, from fundamentals of power generation and transmission, the control theory to the development of more efficient and sustainable energy sources, and superconducting electric cables. Core technical subjects are covered in year one, followed by a focus on specialised subjects in year two and the opportunity to tailor your studies according to your interests in year three. Individual project work with one of our research groups will allow you to work at the frontier of knowledge.

MEng Electrical Engineering
This four-year programme includes more advanced engineering topics, management studies, law, and group projects. You will tackle wide-ranging engineering challenges and gain industrial experience through vacation employment. In Year 4 you will get the chance to do a group project, either working with a real customer from industry or transferring technology from the University into industrial practice with a chance to exercise self and team management skills. The programme can also be offered with Industrial Studies. See page 28 for details.

Core Subjects Studied in Years 1 and 2:
- Electromagnetic Fields and Applied Electromagnetism
- Electric and Electronic Circuits
- Analogue and Digital Electronics
- Solid State Devices and Microprocessors
- Electrical Materials
- Programming
- Mechanics
- Mathematics
- Control
- Engineering Design
- Electrical Machines
- Power Electronics and Drivers
- Power Systems Technology
- High Voltage Engineering
- Exploitation of Electrical and Electronic Technology

In Years 3 and 4 we offer numerous optional modules that reflect the specialist areas of electrical engineering and the key technology areas that will be critical in the future within the overall context of Electronics and Computer Science. For example, MEng students select up to five modules from 40 technical options in Year 4. See page 40 for further details.

Key information
Programme Leader: Dr George Chen
Start date: October 2015
Entry requirements:
3 year BEng: AAB in three A Levels, including Mathematics and Physics (or equivalent qualifications)
4 year MEng: AAA in three A Levels, including Mathematics and Physics (or equivalent qualifications)

Language requirements: IELTS 6.5 overall with at least 5.5 in each competency

Total intake: 25

Funding: scholarships, industrial placements and guaranteed employment are available for students selected for the Power Academy

Career destinations: our graduates go on to gain jobs in the electricity supply industry, major electrical and power companies, government departments, transport industry and the security industry. Or you may choose a career in research, international sales or management.

Accreditation: by the Institution of Engineering and Technology

Find out more
Tel: +44 (0)23 8059 2969
Email: fpse-ugapply@southampton.ac.uk
www.ecs.soton.ac.uk/ee
“The rover project was invaluable to understand the several stages of product development such as designing, fundraising, building and testing. It was a great team project where I got to apply theory to a real problem. I always talk about it in job interviews!”

Pedro Amaro
BEng Electrical Engineering, currently studying for PhD in Electronics and Electrical Engineering
Electromechanical Engineering
BEng HH36 (3 years) and MEng HHH6 (4 years)

Overview

Electromechanical engineering meets the increasing demand from industry for engineers with cross-disciplinary skills in the fields of robotics, flexible manufacturing, electromechanical power systems and electrical power transmission and distribution systems. It combines a mixture of mechanical and electrical engineering.

You will investigate the problems of combining electrical and mechanical components into electromechanical devices or systems such as micro-machines, electric vehicles and powerful industrial robots.

Assessment

You will be assessed by examinations, coursework, essays and laboratory and design projects.

Programmes

BEng Electromechanical Engineering

This three-year programme will ensure you are versatile enough to deal with systems that have both mechanical and electrical elements. Your learning will be supported by excellent experimental facilities in our Electrical and Electronics Teaching Laboratories and Control Laboratory. Project work begins in the first year and continues with design and build tasks in every year of your degree. You will get the chance to exercise your creative talent, deploy your skills and exploit the knowledge gained to produce electromechanical devices.

MEng Electromechanical Engineering

This four-year programme includes more advanced engineering topics and gives you the chance to learn the wide range of disciplines required for a challenging career including, management studies and law. In Year 4 you will get the chance to do a group project, designing and constructing a product to meet a real world need. This will build your confidence and your skills to deliver working prototypes. You will also gain industrial experience through vacation employment. The programme can also be offered with Industrial Studies. See page 28 for details.

Core Subjects Studied in Years 1 and 2:

- Electromagnetic Fields
- Electromechanical Energy Conversion
- Electric and Electronic Circuits
- Analogue and Digital Electronics
- Electrical Materials
- Solid State Devices and Microprocessors
- Programming
- Mechanics
- Mathematics
- Control
- Engineering Design
- Electrical Machines
- Power Systems Technology
- Robotics and Electromechanical Design
- Exploitation of Electrical and Electronic Technology

In Years 3 and 4 we offer numerous optional modules that reflect the specialist areas of electromechanical engineering and the key technology areas that will be critical in the future within the overall context of Electronics and Computer Science. For example, MEng students select up to five modules from 40 technical options in Year 4. See page 40 for further details.

Key information

Programme Leader: Dr George Chen
Start date: October 2015
Entry requirements:

  3 year BEng: AAB in three A Levels, including Mathematics and Physics (or equivalent qualifications)
  4 year MEng: AAA in three A Levels, including Mathematics and Physics (or equivalent qualifications)

Language requirements: IELTS 6.5 overall with at least 5.5 in each competency

Total intake: 25

Funding: scholarships, industrial placements and guaranteed employment are available for students selected for the Power Academy

Career destinations: our graduates go on to gain jobs in the electricity supply industry, major electrical companies, government departments, transport industry and the security industry. Or you may choose a career in research, international sales or management.

Accreditation: by the Institution of Engineering and Technology
Optional Modules

As well as your core modules you will also be able to choose from an extensive range of optional modules that reflect the specialist areas of your programme and the key technology areas that will be critical in the future within the overall expertise of ECS. Here are some of the subject areas available to you:

Agent Based Computing
Analogue and Digital Electronics
Artificial Intelligence
Biomedical Technology
Computational Finance
Computer Vision
Critical Systems
Cryptography
Cyber Security
Distributed Systems
E-Business Strategy
Embedded Systems
High Voltage Systems
Hypertext
Integrated Circuits
Intelligent Agents
Intelligent Algorithms
Image Processing
Machine Learning
Metamaterials, Nanophonics and Plasmonics
Micro Electromechanical Machines
Nanoelectronics
Nanotechnology
Online Social Networks
Optoelectronics
Photonics
Power Electronics
Power Transmission and Distribution
Principles and Practice of Computer Graphics
Programming Languages
Quantum Devices and Technology
Robotic Systems
Secure Systems
Sensors
Serious Games
Silicon Photonics
Simulation
System on Chip
Web Science (for optional modules visit www.southampton.ac.uk/webscience)
Web Technology
Wireless and Mobile Networks
Wireless and Optical Communications

You can also choose from options offered elsewhere in the University such as Entrepreneurship, Law, Management, Mathematics and Modern Languages. As part of its Curriculum Innovation Programme, the University has recently developed a range of interdisciplinary modules that also allow you to study subjects such as American Democracy, Gender and Society, Human Origins, The Living Earth, Philosophy of Science, or Twentieth Century Music.

Find out more

Tel: +44 (0)23 8059 2969
Email: fpse-ugapply@southampton.ac.uk
www.ecs.soton.ac.uk/undergraduate/find_a_course
In ECS we are proud to have recently received the Athena SWAN Bronze Award recognising our work in tackling the problem of gender inequality in science.

This national achievement reflects our commitment to ensure women are encouraged into an area that has historically been dominated by men.

In ECS our female academics and students are already showing the success that women can have in the fields of Electronics and Computer science.

Our female academics are world-renowned for their work and research, including Professor Dame Wendy Hall, a pioneer of the Web, who is dedicated to raising the profile of women in Electronics and Computer Science.

Many of our female students are also accomplishing great things in the field. Syrian-born Ghaithaa Manla is just one of our success stories. She came over to the UK to study her MSc in Electronic Engineering and enjoyed her time at Southampton so much she has stayed. Since then she has completed her PhD, helped other international students settle into Southampton, been Coordinator of women’s networking group Theano and is now a research fellow in ECS.

In ECS we actively promote diversity across our courses. A Diversity Committee supports training and career coaching for women, while ECS Women was started by our students to support women across all levels. The group takes an active part in conferences promoting females in science, engineering, and mathematics (STEM) subjects, and organises events to improve employability such as self-confidence building, CV and interview workshops, and network meetings.

ECS was also instrumental in instigating the formation of the University’s Theano networking group that aims to promote the advancement of women in science, engineering and technology in higher education. It also regularly takes part in outreach initiatives in schools and colleges such as Think IT with IBM.
YOUR STUDENT EXPERIENCE

Our six campuses all offer a friendly, vibrant and diverse atmosphere for work and leisure.

Campuses

As an ECS student all of your work and lectures will be based at the main Highfield Campus, in the north of Southampton. Set in green and pleasantly landscaped surroundings, it is an easy walk from the city centre. Here you will find new and refurbished student facilities such as the Students’ Union, the Jubilee Sports Centre, the Hartley Library, a 330-seat Uniplex cinema and three leading arts venues: the Nuffield theatre, the Turner Sims concert hall and the John Hansard gallery. There is also a range of cafés and restaurants, a bookshop, a post office and four major banks.

We have five other sites – Avenue Campus; Southampton General Hospital; the National Oceanography Centre, Southampton; Winchester School of Art; and our branch campus for engineering in EduCity, Iskandar, in Malaysia.

Social life

Run by students for students, SUSU, the University of Southampton Students’ Union offers a wide range of services and opportunities for you to get the most out of your free time.

- Experience Your Freshers’ – a week full of activities to help you settle in
- Discover a new talent: try some of our 78 sports clubs from archery to Taekwondo
- Join one of our 180 societies from performing arts to politics
- Help local people: get involved in community volunteering projects and fundraising
- Socialise with friends in one of our bars or cafés on our campuses and in our halls of residences
- See high-profile acts from Pixie Lott to Greg James
- Catch a film in our 330-seat cinema
- Dance the night away in our 1,700-capacity nightclub
- Become a DJ or director at Surge Radio and SUSUtv
- Try out journalism for the Wessex Scene or The Edge magazines

JumpStart

The JumpStart programme is a week-long induction event that aims to ensure you settle into ECS, the University and the City of Southampton as quickly as possible.

It involves team challenges, social events, tours of the laboratories, meetings with your tutor group and key staff, and provides everything to help you adapt easily into your new student life.

Accommodation

Get the best out of your student life; stay in one of our 6,000 student rooms in halls. You can choose from a range of room types that includes a new development of over 1,000 rooms in Southampton city centre.

Live in either self-catered halls of residence with well-equipped communal kitchens, or part-catered accommodation where you enjoy the benefits of breakfast and evening meals throughout the week, plus some other meals at the weekend.

If you are a registered first-year undergraduate student new to the University, starting a full-time course, with no dependents, you will be guaranteed an offer of halls accommodation as long as you fulfil the full criteria of the guarantee, which includes applying before 1 August.

To uphold the guarantee, in years of exceptional demand we may offer accommodation in a twin shared room at the start of the academic year for a short, temporary period of time.

For more information on our guarantee to you, visit www.southampton.ac.uk/guarantee

Find out more

University Residences Tel: +44 (0)23 8059 5959
Email: accommodation@southampton.ac.uk
www.southampton.ac.uk/accommodation
You can socialise with friends in one of our bars or cafés on campus and in our halls of residences, as well as in the city of Southampton.

“My studies have not prevented me from acting as Course Representative, running a big society on campus outside ECS, playing for a football team, be an official ECS blogger and also working part-time!”

Arinze Ekwosimba
MEng Electronic Engineering
APPLYING AND FUNDING

We realise that going to university is a significant investment, so we’ll ensure you have all the information you need to make an informed decision.

General entry requirements
To apply for undergraduate study you must satisfy our general entry requirements and any specific requirements of your chosen programme. Typical entry requirements for applicants with GCE A Levels can be found online.

How to apply
Apply online at www.ucas.com the website for the Universities and Colleges Admissions Service (UCAS). Our UCAS code name is SOTON and our number is S27. All students should apply between 1 September 2014 and 15 January 2015 to receive equal consideration for places. However, we will consider late applications up until 30 June 2015. If you are an international student from outside the UK or EU, we may consider your application up until 30 June. However, we cannot guarantee there will be vacancies on our courses after the January deadline.

Admissions policy
1. The University of Southampton will:
   - recruit students from a wide range of backgrounds, who we believe have the potential to complete their programmes successfully
   - attract applicants who enjoy the challenge of forward thinking, the excitement of research findings and our high education standards
   - foster a diverse learning community in which our students will meet people from different cultures, thereby enhancing their skills of critical reasoning, teamwork and communication

2. The University is committed to a system of admissions that ensures fairness, transparency and equal opportunities within the legal framework of the UK and best practice. All reasonable effort will be made to ensure that no prospective or existing student is unreasonably treated.

Tuition fees and funding
The University will set fees for 2015/16 when the government establishes limits for tuition fees. For 2014/15, the University set the tuition fee at £9,000, but we offer a large number of generous fee waivers and bursaries for eligible students.

For students from lower income families, these financial packages will be based on household income supplied to us by the Student Loans Company.

Your tuition fee may cover compulsory course costs, such as field trips and laboratory clothing; however a contribution may be necessary towards certain elements. Please check with the Admissions team for more details.

Visit our website for the latest information on tuition fees before you submit your UCAS form for entry in the 2015/16 academic year. Students who have applied for a deferred place in 2014/15 will be eligible for the 2015/16 tuition fees and support.

If you are a UK student starting a higher education course in 2015/16, you can apply for loans to help pay for both fees and maintenance. For more details, visit www.southampton.ac.uk/money

International fees for all engineering programmes (including Foundation Year) for 2015 are £18,010 per year. For up-to-date information on tuition fees for international students in 2015/16, visit our website.

Scholarships and bursaries
We offer a range of scholarships and bursaries to students. For full details of these, and the eligibility criteria, please visit www.ecs.soton.ac.uk/money

Find out more
Tel: +44 (0)23 8059 4732
Email: admissions@southampton.ac.uk
www.southampton.ac.uk/fees
INTERNATIONAL STUDENTS

Join us and students from more than 130 different countries at Southampton.

Living and studying in a different country has its own unique challenges. We make student entry straightforward, offer attractive scholarships to eligible applicants, help you settle into your new life and advise you on all aspects of living in the UK.

Our network of services and advisors ensure that your studies and life at Southampton is as productive and stress-free as possible.

International Office
Staff from our International Office attend educational exhibitions around the world as well as making numerous visits overseas and to colleges in the UK. If you are unable to visit us in Southampton, make sure you book an appointment to meet us at one of the exhibitions or join us on a virtual open day.

You will find a quick introduction to the University on our website, which is available in other languages. You can also view web pages dedicated to 50 specific countries.

To join us on a virtual open day, visit www.southampton.ac.uk/virtualopenday

Welcome week
In September each year, we arrange Welcome week, which helps you settle into life here. The week includes general events to introduce you to our facilities, subject-specific events to begin your academic induction and a range of social and cultural activities.

During the week, you will meet other undergraduate students and explore the University and the city, so that you know where to worship, relax and shop. You will also meet current international students who will be able to give you good advice.

Meet and Greet
The Meet and Greet service from London Heathrow Airport is provided free of charge and is designed to get you to the University in time for the Welcome week. If you are starting your studies in 2015/16, you can register for both the service and the Welcome week from July 2015 on our website.

Visas
Before you join us, find out about the UK’s immigration procedures. Do this well in advance of your arrival in the UK. Our website provides information on student visas, police registration, working in the UK and has links to other useful websites.

English language requirements
If English is not your first language, you will need to demonstrate that you have reached a satisfactory standard in an approved English language test. For the majority of our courses we require an IELTS level of 6.5 or equivalent, achieved in the past two years. If you need to improve your English language skills, you can apply to our pre-sessional English language courses. For more information on general English Language requirements please visit our website.

For all our courses we currently require:
- IELTS 6.5 overall with at least 5.5 in each competency
- For information on other accepted English language tests, please visit www.southampton.ac.uk/admissions_language

Find out more

Tel: +44 (0)23 8059 9699
Email: global@southampton.ac.uk
Website: www.southampton.ac.uk/international
HOW TO FIND US

Pictured opposite
Your campuses
1. Highfield Campus
2. National Oceanography Centre
Region highlights
3. Top 15 retail destination in the UK
4. Coastal location offering a vast range of sport and leisure opportunities, with waterfront marinas, restaurants and bars

Find out more
www.southampton.ac.uk/campuses
TERMS & CONDITIONS

Relevant web links are shown throughout the Electronics and Computer Science undergraduate prospectus. Please also consult www.southampton.ac.uk/ecs online for further details and/or any changes which have appeared since first publication or phone +44 (0)23 8059 2969 for more information.

Disclaimer

The University of Southampton will use all reasonable efforts to deliver advertised programmes and other services and facilities in accordance with the descriptions set out in its prospectuses, student handbooks, welcome guides and website. It will provide students with the tuition, learning support, services and facilities so described with reasonable care and skill.

The University, therefore, reserves the right if it considers it to be necessary to alter the timetable, location, content or method of delivery of events provided such alterations are reasonable.

Financial or other losses

The University will not be held liable for any direct or indirect financial or other losses or damage arising from changes made to the event timetable, location, content or method of delivery of various services and facilities set out herein.

Force majeure

The University will not be held liable for any loss, damage or expense resulting from any delay, variation or failure in the provision of services and facilities set out herein, arising from circumstances beyond the University’s reasonable control, including (but not limited to) war or threat of war, riot, civil strife, terrorist activity, industrial dispute, natural or nuclear disaster, adverse weather conditions, interruption in power supplies or other services for any reason, fire, boycott and telecommunications failure.

In the event that such circumstances beyond the reasonable control of the University arise, it will use all reasonable endeavours to minimise disruption as far as it is practical to do so.

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