About Southampton

The University of Southampton is one of the UK’s leading universities and has an outstanding reputation for Electronics and Computer Science. Southampton is a member of the prestigious Russell Group of research universities, and Electronics and Computer Science are consistently placed in the top ranks of the subject league-tables. Our graduates are highly regarded by leading employers, and we work closely with industrial partners, both in our research and our teaching.

Our 2017 course is a great way to find out more about subjects which are now fundamental for the future development of society, as well as providing a strong base for making future choices.

Dr Geoff Merrett, Course Leader, started at the University of Southampton as a student in 2001. He is now associate professor of electronic and software systems, and lectures on digital electronics, computer networks and engineering skills. He is the senior admissions tutor for Electrical and Electronic Engineering.

Dr Reena Pau, Course Coordinator, leads outreach activities in Electronics and Computer Science at the University of Southampton, and has a personal interest in gender and STEM. She has a PhD from the University of Southampton and her research investigates how to increase the number of women in STEM.

How to apply

1. If you are interested in attending the course, please fill out the form at: www.taster.ecs.soton.ac.uk

2. We will get back to you within a week to let you know if you have a place on the course.

3. If successful, you have one week to register and pay (a subsidised fee of £235, which includes all accommodation, food and drink) for the course. This deadline ensures we do not hold places for students who don’t end up coming - these courses are usually highly over-subscribed!

Eligibility

You must:

- Be studying A-Level Maths and one of Physics, Computing, Electronics, Biology, Chemistry or Further Maths.
- Have mostly A/A* grades at GCSE.
- Currently be in year 12.
- Be aged 16+ (on 09 July 2017).

We don’t mind if you:

- Have never done any computer science, electronics or programming before. Or if you are an expert already!
- Are male or female (50% of our initial allocation of places is reserved for each gender)!
- Are interested in doing a degree at Southampton, or not!
- Already know you want to study computer science or electronics at university, have a curious interest or have no idea!

“Very informative and fun, and helped me figure out what I would like to study at university.”

Siân, attended 2016 course

Fee per student is only £235 including all food and accommodation

www.taster.ecs.soton.ac.uk
What is Electronic Engineering?

Electronics is the use of electricity to communicate, compute and control the world around us – from amplifying speech and music on your phone, to the processor in your phone that makes billions of calculations a second, to the intelligent prosthetic arms that allow amputees to lead a normal life. As an engineering discipline, electronics is underpinned by mathematics and physics, and these are applied to designing and inventing cutting-edge products and systems.

What is Computer Science?

The practical side of computing can be seen everywhere. Getting computers to do what you want them to do requires intensive training. But computer science can be seen on a higher level, as a science of problem solving: modelling and analysing problems. Many problems in science, engineering, health care, business, and other areas can be solved effectively with computers, but finding a solution requires both computer science expertise and knowledge of the particular application domain.

Student Feedback

I thoroughly enjoyed my week, met a bunch of new people and had a great experience!”

Really helpful towards making a future decision”

Thoroughly enjoyable, I’ve learnt so much!”

Surpassed my expectations”

2016 Taster Course attendees

* This course may count as a “residential” for the Duke of Edinburgh award; you should discuss this with your DofE Leader.

Our one-week residential course (10–14 July 2017) will enable you to experience computer science and electronic engineering, working in groups, and investigating and designing solutions to real projects in our undergraduate labs. As well as experiencing the facilities on campus, and taking part in labs and lectures, you will be living in halls and enjoying a busy programme at the University of Southampton.