If you are technically minded and want to work on extending the cutting edge of information technology and business innovation, this degree is for you.

**Your studies**
This course has been developed in consultation with industry to ensure that graduates are equipped for the challenges of working in this dynamic area. You can choose one of two streams - information systems or computer science.

Computer science involves the study of computers and the programs that run on them. You’ll gain sound knowledge and skills in:
- computer languages such as Java, C, C++, Python
- computer programming, including algorithms, data structures, networks, and operating system internals.

Information systems involves creating computer systems that satisfy individual and organisational needs. It includes:
- strategic planning
- system development
- system implementation
- network design and management
- operational management
- end-user needs and education.

**Your career**
As an IT specialist with an excellent combination of knowledge and practical experience, you’ll be able to create and manage business applications, websites, systems, and the IT environment for organisations in any industry.

You’ll be able to choose a career in:
- information and communication technology (ICT)
- research and development
- consultancy and change management
- software development
- systems analysis
- business analysis
- software architecture
- IT technical advice
- start-up business.

Sample course table only. Refer to sydney.edu.au/courses for full information.
IT and Computer Science at Sydney

As one of the top 30 engineering and technology universities in the world*, we will provide you with the leadership skills to develop innovative, creative and sustainable solutions that promote positive change.

Technical skills, business knowledge

Our Bachelor of IT and Bachelor of Computer Science and Technology degrees prepare you to become a professional at the forefront of information technology.

You will study a number of core subjects before choosing one of two streams - computer science or information systems. And when you graduate you could play an important role in helping businesses build infrastructure, develop products, manage data, analyse trends, strategise and conduct research.

Combined degrees

You can broaden your career options even further by combining your degree with studies in arts, law, science, commerce or medical science. Combined degrees are mostly five years in length and very popular, as they allow you to combine a range of interests.

Talented IT program

Our Talented IT program is open to students demonstrating outstanding academic ability (indicative ATAR of 98 or above).

Entry to the Talented IT program is by invitation from the Dean of Engineering and Information Technologies, following the release of the HSC results.

Assumed knowledge

This HSC subject is assumed knowledge for our information technologies degrees:

- Mathematics Extension 1

The whole you, not just your ATAR

If you would like to study IT subjects at university but are worried about making the ATAR cut-off, don’t worry.

Our Flexible Entry scheme considers your ATAR as well as your performance in maths and science subjects, and your leadership capability. Apply at:

- sydney.edu.au/engineering/flexibleentry

Globally recognised qualifications

Our IT degrees are accredited by the Australian Computer Society, so you will graduate with a prestigious qualification that is recognised worldwide.

Scholarships

We offer more than 500 University-wide scholarships to undergraduates every year. The Faculty of Engineering and Information Technologies also offers a variety of entry, merit and industry scholarships.

For more information about scholarships visit:

- sydney.edu.au/engineering/scholarships
- sydney.edu.au/scholarships

*QS World University Rankings 2015/16

Faculty of Engineering and Information Technologies

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