Entrepreneurial. Creative.
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Faculty snapshot
12,197 Total number of enrolments
9159 Undergraduate enrolments
2293 Postgraduate Coursework enrolments
745 Higher Degree Research enrolments

UTS at a glance
2002 Higher degree research
10,846 Postgraduate coursework
32,039 Undergraduate, enabling and non-award

UTS student diversity
32% are 25 or older
49% are female
49% were born outside of Australia

Please note the above numbers are approximate as of May 2018.

Contact us

Domestic students
Tel: 1300 ASK UTS (1300 275 887)
Online inquiry: ask.uts.edu.au
Email: FEIT@uts.edu.au

International students
Tel: 1800 774 816 (free call within Australia)
Tel: +61 3 9627 4816 (for international calls)
Web: international.uts.edu.au
Email: international@uts.edu.au

Connect with us

UTSFEIT
UTSengineeringandIT
UTSFEIT
UTSInternationalstudents
UTSINT

Acknowledgement of Country

UTS acknowledges the Gadigal People of the Eora Nation and the Boorooberongal People of the Dharug Nation upon whose ancestral lands our campuses now stand. We would also like to pay respect to the Elders both past and present, acknowledging them as the traditional custodians of knowledge for these lands.
Why Information Technology at UTS?

The role of a technology professional is evolving. You’re expected to guide new possibilities, drive strategy and innovation all whilst delivering improvements and end-to-end customer experience.

Join the future of Information Technology at UTS.

BE AMONG THE BEST
We’re ranked in the top 200 universities globally placing us in the top 1%. We’re also the no.1 young university in Australia.

JOIN THE GLOBAL KNOWLEDGE ECONOMY
We have over 1000 industry partners and together we are advancing and exploring future technologies to benefit our world. Join this network of experts and go beyond the expected to deliver the next generation of innovation.

BECOME THE INTRAPRENEUR
Do you have what it takes to lead and innovate? We need intrapreneurs to take business to the next level and keep our economy competitive on a global scale. We challenge you to build your IT skills in a business context, giving you the knowledge and practice-oriented skills to do so.

COLLABORATIVE ECOSYSTEM
Our building is an incubator for creativity, knowledge and innovation. Its design facilitates agile project work and integrates of latest technology systems allowing students to collaborate, ideate and innovate. And all based on the CBD fringe.

CERTIFIED CISCO ACADEMY
CISCO certifications confirm your ability to use the best networking and business communication systems, giving you a competitive edge. UTS is equipped with five networking labs, using the latest CISCO Systems to ensure you have hands-on experience with routing, switching, security, wireless and VoIP.
FLEXIBILITY
You have options. As a domestic student, you can choose the number of credit points to take each semester to give you that work/life balance. You can also test run postgraduate study with a Graduate Certificate and, going well, continue to a full Master Program.

DRIVING INNOVATION
The Faculty of Engineering and IT’s research links with major industrial innovators and delivers outcomes which translate ideas into valuable products and solutions. UTS Rapido is making that link between industry and research, delivering hardware and software prototypes and solutions.
Your questions answered

**DO I NEED A BACHELOR’S DEGREE TO DO A MASTER’S DEGREE?**

The traditional path to postgraduate study is via a completed bachelor’s degree, but if you have other qualifications and professional experience, you may be eligible to enter a graduate certificate. Graduate certificates set you on the path to postgraduate study, and you finish with a respected qualification after only 4 subjects. They make up the first four subjects of a master’s, so if you complete the graduate certificate at the required level you can continue your studies in the related master’s course.

**HOW MUCH WILL IT COST?**

Postgraduate study is an investment in your future, not just financially, but in time as well. Tuition fees are determined by the course in which you are enrolled and the credit point value of the subjects. You can calculate an approximate course fee using the UTS Course Fee Calculator.

You can calculate an approximate course fee using the UTS Course Fee Calculator.

**IS THERE A STUDENT LOAN SYSTEM FOR POSTGRADUATE STUDENTS?**

Yes. Domestic coursework students may qualify for FEE-HELP, a government loan scheme. FEE-HELP allows eligible students to defer payment of some or all of their tuition fees. The loan is repaid through the taxation system.

**CAN I STUDY PART-TIME?**

Yes. All postgraduate courses are available part-time to domestic students. UTS class times are designed with busy professionals in mind, with day and evening options available. Part-time students undertake less than 18 credit points per session and have the option to vary their study load each session to suit their schedule. You can view the timetable at:

[timetable.uts.edu.au](https://timetable.uts.edu.au)

**AM I ELIGIBLE FOR RECOGNITION OF PRIOR LEARNING (CREDIT)?**

All applicants are assessed individually based on relevant tertiary qualifications. If you have a recent tertiary qualification in information technology, you may be eligible for up to 24 credit points that cover the basics you already know.

**CAN I TRANSFER BETWEEN A GRADUATE CERTIFICATE AND A MASTER’S DEGREE?**

Yes. The majority of our courses are articulated, meaning you can begin with a 24 credit point (4-subject) graduate certificate and apply to have your subjects credited towards an appropriate Master’s course. Alternatively, if you successfully complete the first 24 credit points of the Master’s and choose not to continue on with your studies, you may still graduate with a graduate certificate.* See articulation chart on page 8.

*International students may have visa restrictions that prevent course articulation

**ARE THE IT COURSES PROFESSIONALLY RECOGNISED?**

Graduates of certain Master’s courses are eligible to apply for professional-level membership of the Australian Computer Society. Refer to the individual course information for further details.

**HOW CAN I APPLY?**

Please refer to page 29 for full details on the application process.

For questions and further information, please contact:

Email: feit@uts.edu.au

Phone: +61 2 9514 2666
Program articulation

Our postgraduate programs are offered in a range of formats that provide alternative entry paths and study durations. They are linked qualifications, meaning they can be combined towards a higher qualification if you decide to continue your studies.

**GRADUATE CERTIFICATE**

**Duration:** 1 session (full time), 1 year (part time)

Start with a graduate certificate and study the first four subjects of a master’s. These courses will help you put the foundations in place before you pursue advanced studies in a master’s.

**GRADUATE DIPLOMA**

**Duration:** 1 year (full time), 2 years (part time)

You can choose to exit a master’s degree early with a graduate diploma.

**MASTER’S**

**Duration:** 1.5–2 years (full time), 3–4 years (part time)

Theoretical knowledge, practical application: a master’s degree combines both in perfect balance. You’ll gain a professional level skillset, thorough theoretical foundations, and an understanding of how to apply them in your chosen field. Depending on the discipline you study, you might also gain recognition or qualifications from associated professional organisations.

**MASTER’S (EXTENSION)**

**Duration:** 2 years (full time), 4 years (part time)

Take your knowledge one step further with an extension master’s. This qualification provides depth and expertise in your area of interest, beyond the conventional master’s structure. You’ll benefit from flexible subject choices and a specialist qualification that sets you apart.

- Credit points can vary across courses. See credit points listed for a specific course.
- Academic requirements must be achieved to transfer to the next stage.
- Applications are assessed on academic merit and work experience.
IT precinct

There is no better place to see your future from.

IN-BUILT RESEARCH SENSORS
The building itself is a living, breathing laboratory embedded with wireless sensors to monitor temperature, air quality, noise and dust particles.

TECH LAB
Tech Lab is an engineering and IT facility inspiring innovation and collaboration between expert researchers, industry partners and government.

The multi-functional site features 9000 square meters of office and laboratory space dedicated to technology innovation.

SOFTWARE DEVELOPMENT STUDIO
A rich environment for you to become professionally competent via an industry collaborative software development experience throughout your degree.

PROTOSPACE
ProtoSpace is our purpose-built additive manufacturing facility, incorporating 3D printing designed to bring prototype testing and product manufacture within the reach of UTS students.
LABORATORIES
The building contains civil, electrical, information and communication technology, and mechanical laboratories, where students gain hands-on, practical experience. You will have access to specialised computer labs, including the UTS Remote Laboratory – the largest and one of the world’s most advanced remote laboratories.

LEARNING PRECINCT
In between classes, you can study or conduct group work in the FEIT Learning Precinct. This student space is where you can access teachers for individual and small group support, as well as reference material and software and hardware resources.

DATA ARENA
This 3D data visualisation arena aids researchers to visually present and interact with complex data sets and 3D-spatial modules. It utilises projectors and stimulates weather such as wind and lightning to provide the experience of being immersed in a huge 3D virtual reality experience.

UTS LIBRARY
The UTS Library has expanded to include an underground storage system that uses robotic cranes for the retrieval of less-demanded books, making borrowing faster and simpler. This library upgrade is part of the larger UTS City Campus Master Plan, a $1 billion investment to redevelop UTS.
Short courses

Stay up to date with emerging trends via a UTS Short Course.

Technology is at the core of the current digital revolution. As a working professional, you are challenged to stay up to date with emerging trends, understand the latest technology, integrate opportunities into business practice and importantly, drive innovation.

A short course is a step in the right direction to discover these new areas of innovation, and how exactly you can apply it to your business.

Choose a half-day, one-day or five-day program that aligns with your individual learning goals, career aspirations or business strategy.

stay.uts.edu.au/short-courses

GLOBAL EXPERTS
Through collaborative partnerships with industry and government sectors, UTS experts design and deliver short courses on trending topics in the technology industry.

These topics meet industry demand and future predictions on key areas of innovation.

FLEXIBILITY
Choose a half-day, one-day or five-day program that aligns with your learning goals. Programs run multiple times during the year, giving you the flexibility to align with your current work and family commitments.

FACE-TO-FACE LEARNING
Located on the CBD fringe, the UTS Faculty of Engineering and IT offers face-to-face courses in state-of-the-art facilities. This includes access to next generation visualisation and collaboration technologies.

PRACTICAL TAKE-AWAYS
Apply your learning outcomes to business strategy and develop an action plan that creates new opportunities for business transformation.

TAILORED COURSES
Does your team need something more specific? We can tailor the course to meet your learning objectives and specific organisational goals.

HAVE A QUESTION?
Contact
t: +61 2 9514 2666
e: datalounge@uts.edu.au
Academic leaders

In the Faculty of Engineering and IT we teach from experience.

Rene Leveaux, Senior Lecturer
School of Information, Systems and Modelling

With a longstanding track record in both academia and sport, Rene, is a key member of the teaching team in the School of Information, Systems and Modelling. His research interests include contract management, service level agreements, sports and technology.

uts.edu.au/staff/rene.leveaux

Dr. Wenjing Jia
School of Electrical and Data Engineering

Wenjing is a key member of the teaching team for internetworking-related subjects. She has been a Cisco qualified instructor since 2008, Cisco Certified Instructor Trainer since 2012. Wenjing’s research delves into image and video analysis, algorithms and applications for computer vision, and visual pattern recognition.

uts.edu.au/staff/wenjing.jia

Associate Professor Paul Kennedy
School of Software

Paul has received an Office for Learning and Teaching (OLT) Citation for Outstanding Contributions to Student Learning as well as a UTS Learning and Teaching Award for Strengthening the UTS Model of Learning for “a decade long contribution to data analytics teaching, learning and academic leadership.” His research focuses on the data analytics of biomedical data, primarily childhood cancer.

uts.edu.au/staff/paul.kennedy

Associate Professor Qiang Wu
School of Electrical and Data Engineering

Qiang’s research interests include computer vision, image processing, pattern recognition, machine learning and multimedia processing. His research outcomes have been published in many leading international conferences and international journals.

Qiang is a principal investigator and/or a technology lead in several industry research projects collaborating with Toshiba, Microsoft, Nokia, Huawei, and Westpac Bank. He also serves as a reviewer for leading journals and has been involved in a number of international conferences.

uts.edu.au/staff/qiang.wu
Technical courses

Graduate Certificate in Information Technology Studies

Course code: C11247
CRICOS code: 084252G
Duration: Domestic
0.5 year full-time
1 year part-time
International
0.5 year full-time
Study load: 24 credit points
(4 subjects)
Study mode: Standard mode
(weekly attendance with some evening classes)
Available intakes: Autumn (March) /
Spring (July)
How to apply: See page 29
English language requirements: See page 29
Course structure: See page 15
Admission requirements:
A UTS recognised bachelor’s degree, or an equivalent or higher qualification, with a minimum GPA of 4.7/7 and no more than 25 percent of subjects failed.

Which graduate certificate in IT is right for me?
The Graduate Certificate in Information Technology Studies enables those without a first degree in IT to undertake an introductory sequence of four subjects to equip them with foundation skills in databases, information systems, networking and software development. Candidates who complete this course with a minimum weighted average mark of 60 have the option to continue their studies in the Master of Information Technology.

The Graduate Certificate in Information Technology is designed for IT graduates who wish to update their knowledge and skills. Candidates have the option to choose three subjects from one of six streams which forms the basis of their major should they choose to continue their studies in the Master of Information Technology or Master of Information Technology (Extension).

Graduate Certificate in Information Technology

Course code: C11142
CRICOS code: 084251G
Duration: Domestic
0.5 year full-time
1 year part-time
International
0.5 year full-time
Study load: 24 credit points
(4 subjects)
Study mode: Standard mode
(weekly attendance with some evening classes)
Available intakes: Autumn (March) /
Spring (July)
How to apply: See page 29
English language requirements: See page 29
Course structure: See page 15
Admission requirements:
A UTS recognised bachelor’s degree in information technology, or an equivalent or higher qualification, with a minimum GPA of 4.7/7 and no more than 25 percent of subjects failed.
Master of Information Technology

Course code: C04295
CRICOS code: 084256C
Duration:
Domestic 2 years full-time
4 years part-time
International 2 years full-time
Study load: 96 credit points (16 subjects)
Study mode: Standard mode (weekly attendance with some evening classes)
Available intakes: Autumn (March) / Spring (July)
How to apply: See page 29
English language requirements: See page 29
Course structure: See page 15
Professional recognition: Graduates are eligible to apply for professional-level membership of the Australian Computer Society.
Admission requirements:
A UTS recognised bachelor’s degree, or an equivalent or higher qualification, with a minimum GPA of 4.7/7 and no more than 25 percent of subjects failed.

Business Information Systems
Learn the processes, tools and technologies required to transform data into information and information into knowledge so as to enable sound business decision-making.
Learn how to apply business intelligence techniques to extract information on market trends and behaviour, effectively analyse and utilise data, and create business intelligence systems to support decision-making.

Cyber Security
The major in Cyber Security has been designed to cover a complete cyber security solution. It will give you a critical understanding of information governance and assurance, combined with technology risk management practices. The major is broken into three main areas; policy (20%), application (30%) and technology (50%).

Data Analytics
Learn to develop and apply business analytics systems and enhance the technology services within your organisation. Data analytics is an emerging and rapidly-expanding area where mathematics and statistical methods interact with powerful information technologies to improve the flow of massive amounts of data for business.

Interactive Media
Learn to better respond to and manage the fast-evolving needs of the industry. Learn more about the software and hardware technologies utilised in the development and maintenance of websites, create strategies for web-presence and develop detailed proposals and specifications. Engage with interdisciplinary approaches to information and interaction design and immerse yourself in a blend of design, media and technology.

Internetworking
Gain the necessary knowledge and skills in network design and management, helping you to tackle networking issues that come with an ever-more connected world. Learn about network and systems security, and develop enterprise-scale web applications involving technologies such as .NET, Web Services and Java 2 Enterprise Edition (J2EE). UTS IT is a Cisco Networking Academy.

Software Development
Discover how to solve typical software development challenges for a business such as: integrating commercial off-the-shelf systems with legacy applications; managing and deploying outsourced development or maintenance; integrating software systems when companies merge; deploying and managing web-based systems such as business to business (B2B) and business to consumer (B2C), and managing the challenges of identity and access in publicly exposed systems. Choose a number of subjects in various programming languages to enhance your technical skills in your work as a developer, programmer or software engineer.

Choice (no specified major)
If you would like to choose subjects from a variety of areas within IT, then this major may suit you. Subjects include 4G Mobile Technologies, Digital Media Technologies, Data Mining and Visualisation and many more.

Visit handbook.uts.edu.au/it for details.

Take charge of your future today.
The Internet of Things, robotics, augmented and virtual reality, wearables and advanced machine learning are all the way of the future.
Keep pace with a postgraduate program that lets you stay ahead of the curve.
There are multiple entry points depending on your level of experience and educational background, including options for majors and electives to suit your area of expertise.
## COURSE STRUCTURE

<table>
<thead>
<tr>
<th>Subjects</th>
<th>Graduate Certificate in Information Technology</th>
<th>Master of Information Technology (Extension)</th>
<th>Master of Information Technology (Advanced)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core Stream (MIT)</td>
<td>Select 1 of the following:</td>
<td>Complete the following subjects:</td>
<td>Complete the following subjects:</td>
</tr>
<tr>
<td>Project Management</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>IT Professional and Society</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Technology Research Preparation</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Major/Stream</td>
<td>Choose 3 subjects from your chosen stream:</td>
<td>Complete 6 subjects from your chosen major:</td>
<td>Complete 5 subjects from your chosen major:</td>
</tr>
<tr>
<td>Sub-major choice</td>
<td>N/A</td>
<td>Choose 4 subjects from your chosen sub-major</td>
<td>N/A</td>
</tr>
<tr>
<td>IT Project and Electives</td>
<td>N/A</td>
<td>Choose 3 subjects</td>
<td>N/A</td>
</tr>
<tr>
<td>Research</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Professional Stream (IT)**

<table>
<thead>
<tr>
<th>Subjects</th>
<th>Complete the following subjects</th>
<th>Complete the following subjects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enabling Enterprise Information Systems</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Fundamentals of Software Development</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Database</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>LANS and Routing</td>
<td>●</td>
<td>●</td>
</tr>
</tbody>
</table>

| Core Stream (MIT)                             | N/A                             | Complete the following subjects: |
| Project Management                            | ●                               | ●                              |
| IT Professional and Society                   | ●                               | ●                              |
| Technology Research Preparation               | ●                               | ●                              |

| Major                                         | N/A                             | Complete 6 subjects from your chosen major |
| IT Project and Electives*                     | N/A                             | Choose 3 subjects                    |


Please note: Elective subjects are taken from postgraduate-level faculty subjects and may need prior approval. You may also need pre-requisite knowledge for some electives.
JING YING CHEAH
Master of Information Technology

“I decided to study at UTS because of its focus on technology, as well as its facilities,” says Jing Ying Cheah, a student in the Master of Information Technology course.

“For example, when I was doing the LANS and Routing subject, they have the labs right there. The university also partners with CISCO, so they have an abundance of resources.

“There’s also a subject called Technology and Innovation Management. What I really enjoyed was the approach – it’s really about innovative processes and tools you can use.”

For Jing Ying, the course content has lived up to her expectations, but some of the most valuable things she’s learnt have happened outside the classroom.

For example, she participated in the Accomplish Award, which helps students increase their employability by attending mock interviews, strengthening their CVs, and building their personal brands and networks.

She also joined the Lucy Mentoring Program, which exposes women to employment and leadership opportunities, where she was paired with an IT professional at PwC. The experience was the starting point for a wealth of professional relationships.

“The mentor had his own team in IT architecture, so it was really great getting to know what the different team members do, and getting an overview of how all the different units fit together,” she says.

“What I really enjoyed was the opportunity to develop my networking skills and really grow my network.

“I’ve been able to reach out to people from other business areas for a coffee catch-up to get to know their business units and get more of a feel for where I want to be when I graduate, and the roles and positions I prefer.”

Read more student profiles uts.edu.au/it-student-profiles

EVGENIA EVDOKIMOVA
Master of Information Technology, Data Analytics

Evgenia Evdokimova decided to embark on an IT career after a decade in education and consultancy in Russia.

“It’s an area that is growing and changing so fast, it’s never too late to learn,” she says. “I was always passionate about technology, how it all works.”

The Bachelor in Education graduate relocated to Sydney to study at UTS. “It’s a young university that’s strong in technology,” she says. UTS also enabled her to transfer from a different major to IT and start a new career path. “Not many universities offer this option. I think it’s very smart from the university’s point of view.”

Outside of studies, Evgenia is enjoying the many opportunities available at UTS for personal development. She’s volunteering, attending workshops and career events to build leadership skills. “It’s not just classes for two hours a day; it’s also groups of people networking. The campus is very diverse, so you can meet people from all over the world.”

“During the program I will gain industry knowledge, skills, and get to know areas to learn and grow. There’s so many career options in IT.”

Read more student profiles uts.edu.au/it-student-profiles
Go a step further.
The Master of Information Technology (Extension) provides the opportunity to complete a sub-major consisting of 4 subjects (24 credit points). The sub-major is your chance to deepen your knowledge in a secondary area of interest in the field of IT.

Master of Information Technology (Extension)

Course code: C04296
CRICOS code: 084254E
Duration:
- Domestic
  2 years full-time
  4 years part-time
- International
  2 years full-time
Study load:
- 96 credit points
  (16 subjects)
Study mode:
- Standard mode
  (weekly attendance with some evening classes)
Available intakes:
- Autumn (March) /
- Spring (July)
How to apply:
See page 29
English language requirements:
See page 29
Course structure:
See page 15

Professional recognition:
Graduates are eligible to apply for professional-level membership of the Australian Computer Society.

Admission requirements:
A UTS recognised bachelor’s degree in information technology, or an equivalent or higher qualification, with a minimum GPA of 4.7/7 and no more than 25 percent of subjects failed.

SUB MAJORS
- Business Information Systems
- Cyber Security
- Data Analytics
- Interactive Media
- Internetworking
- Software Development
- Choice (no specified major)
See majors on page 11.

COURSE STRUCTURE
See page 15
Master of Information Technology (Advanced)

Course code: C04297
CRICOS code: 084255D
Duration: Domestic
2 years full-time
4 years part-time
International
2 years full-time
Study load: 96 credit points
(16 subjects)
Study mode: Standard mode
(weekly attendance with some evening classes)
Available intakes: Autumn (March) /
Spring (July)
How to apply: Internal course transfer
English language requirements:
Course structure: See page 15
Professional recognition:
Graduates are eligible to apply for professional-level membership of the Australian Computer Society.

Admission requirements:
Applicants are required to have: (i) completed 48 credit points in the Master of Information Technology (Extension) (C04296); and (ii) received approval from a member of academic staff to act as their research project supervisor.

Explore an in-depth research study in a major IT field.
As part of this course you will complete three core subjects, five subjects as part of your major and a research project (over a period of 1 year) or a combination of electives and a research project. This course may also improve your chances of being considered for higher degree by research programs such as a PhD.
Graduate Certificate in
IT Project Management

Course code: C11192
Duration: 1 year part-time
Study load: 24 credit points (4 subjects)
Available intakes: Autumn (March) / Spring (July)
How to apply: See page 29
English language requirements: See page 29

This course is not open to international students.

Admission requirements:
A UTS recognised bachelor’s degree in information technology or a related discipline, or an equivalent or higher qualification, with a minimum GPA of 4.7/7 and no more than 25 percent of subjects failed.

Course structure:
You will complete the following subjects:
- Project Management
- Software Quality Management
- Two electives

Advance to project management
This course will give you the opportunity to undertake advanced professional studies in IT project management. You will gain an understanding of the business context and technical developments shaping contemporary IT project management. You will also develop knowledge and skills in IT project management processes, conceptual and analytical approaches to IT project management, and theoretical and practical competencies in technical and people management.
Internetworking

Networking skills are in demand in almost every sector.

Expand your expertise with a postgraduate Internetworking program where you can tailor your subject choices to suit your interests and advance your career path.

Designed to meet industry demand for computer network professionals, this course is ideal for computing science, engineering and IT graduates, with or without networking experience.

Enjoy hands-on learning experience using a variety of resources, as well as support from Cisco Systems for broad computer network and relevant applications.

This includes routing, switching, security, wireless and VoIP, mobile computing, web systems, and cloud computing and operating systems.

Develop in-depth knowledge with a program that covers all aspects of the organisational use of networks such as design, implementation, security, management, end systems and applications.

Graduate Certificate in Internetworking

Course code: C11145
CRICOS code: 063424K
Duration:
Domestic 0.5 year full-time
1 year part-time
International 0.5 year full-time
Study load: 24 credit points (4 subjects)
Study mode: Standard mode (weekly attendance with some evening classes)
Available intakes: Autumn (March) / Spring (July)
How to apply: See page 29
English language requirements: See page 29
Course structure: See page 22
Admission requirements:
A UTS recognised bachelor’s degree in information technology or a related discipline, or an equivalent or higher qualification, with a minimum GPA of 4.7/7 and no more than 25 percent of subjects failed.
Master of Science in Internetworking

Course code: C04160
CRICOS code: 043341A
Duration: Domestic
1.5 years full-time
3 years part-time
International
1.5 years full-time
Study load: 72 credit points
(12 subjects)
Study mode: Standard mode
(weekly attendance with some evening classes)
Available intakes: Autumn (March) / Spring (July)
How to apply: See page 29
English language requirements: See page 29
Course structure: See page 22
Professional recognition:
Students can prepare for Cisco CCNA and CCNP industry certification.
Admission requirements:
A UTS recognised bachelor’s degree in information technology or a related discipline, or an equivalent or higher qualification, with a minimum GPA of 4.7/7 and no more than 25 percent of subjects failed.

YEE CHING LEUNG
Master of Science in Internetworking

As a senior software developer at Tabcorp Holdings, Yee Ching Leung is familiar with the skills required to succeed in the IT sector.

Now a postgraduate student at UTS, Yee Ching believes that the course content of the Master of Science in Internetworking will provide her with expertise that is directly relevant to her future career aspirations.

“The networking and technology knowledge that I have acquired from the course, such as routing, security, mobile and internet computing are invaluable. As a result, I am better equipped to design and develop more reliable, robust and efficient software applications,” she says.

Working full-time and studying part-time has been a challenging proposition, but one that Yee Ching has managed effectively by prioritising time and tasks in order to achieve her study goals.

The experience of being surrounded by other postgrad students in similar positions has also proven useful, expanding Yee Ching’s networks in a way she never expected.

“Many of the students in this course are studying part-time and have a full-time professional job. This has provided a lot of opportunities for me to meet professionals in other business areas, creating social networking opportunities and exploring different industry practices,” she says.

Read more student profiles uts.edu.au/it-student-profiles
## COURSE STRUCTURE

<table>
<thead>
<tr>
<th>Subjects</th>
<th>Master of Science in Internetworking (Extension)</th>
<th>Master of Science in Internetworking</th>
<th>Graduate Certificate in Internetworking</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Professional Stream (Internetworking) (24cp)</strong></td>
<td>Complete the following subjects:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Management</td>
<td>•</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IT Professional and Society</td>
<td>•</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Enabling Enterprise Information Systems</td>
<td>•</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Database</td>
<td>•</td>
<td></td>
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</tr>
<tr>
<td><strong>Internetworking Core (30cp)</strong></td>
<td>Complete the following subjects:</td>
<td>Complete the following subjects:</td>
<td>Complete the following subjects:</td>
</tr>
<tr>
<td>LANS and Routing</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Technology Research Preparation</td>
<td>•</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mobile Communications and Computing</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Cyber Security Essentials</td>
<td>•</td>
<td>•</td>
<td>•</td>
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<tr>
<td></td>
<td>Select 1 of the following:</td>
<td>Select 1 of the following:</td>
<td>Select 1 of the following:</td>
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<tr>
<td>UNIX Systems Programming</td>
<td>•</td>
<td>•</td>
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<tr>
<td>Advanced Internet Programming</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>.NET Application Development</td>
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<tr>
<td><strong>Internetworking Choice (36cp)</strong></td>
<td>Complete 6 subjects</td>
<td>Complete 6 subjects</td>
<td>Complete 1 subject</td>
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<tr>
<td><strong>Research Choice (6cp)</strong></td>
<td>Select 1 of the following:</td>
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<td>Research Project</td>
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<tr>
<td>Industry Project</td>
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</tbody>
</table>
Master of Science in Internetworking (Extension)

Course code: C04224
CRICOS code: 055279C
Duration: Domestic
2 years full-time
4 years part-time
International
2 years full-time
Study load: 96 credit points
(16 subjects)
Study mode: Standard mode
(weekly attendance with some evening classes)
Available intakes: Autumn (March) / Spring (July)
How to apply: See page 29
English language requirements: See page 29
Course Structure: See page 22
Recognition:
Graduates are eligible to apply for professional-level membership of the Australian Computer Society.
Admission requirements:
A UTS recognised bachelor’s degree, or an equivalent or higher qualification, with a minimum GPA of 4.7/7 and no more than 25 percent of subjects failed.

JACOB TAYLOR
Master of Science in Internetworking
It took a couple of attempts, but Jacob Taylor is now ensconced in the UTS Master of Science in Internetworking – and he’s pretty happy about it.

“I’ve really been enjoying it so far. It’s very hands-on, and I don’t feel like I’m spending a lot of unnecessary time learning unnecessary theory,” he says.

“The teachers give you the baseline understanding of how something works, as opposed to just making it work for you. I feel that I’m getting both an understanding of the general concepts of networking while also becoming skilled.”

The course content is already shaping his career – Jacob was recently offered a promotion at his current employer after he undertook a Juniper workshop at UTS.

“Because I did the special training that was offered by UTS, and because I had the general understanding and the foundations of networking, I was able to advance quickly,” he says.

“I like the options that this course is giving me. Do I want to take an academic path, or an industry-centric path, or maybe a bit of both? I feel like this program enables that – I have that choice.”

Read more student profiles
uts.edu.au/it-student-profiles
Interaction Design

Are you inspired by the intersection of technology, design, innovation and entrepreneurship?

New technological developments e.g. 3D printing, drones, driverless vehicles, social robotics and augmented reality, will fuel the growth of the global digital economy. To meet this growth, interaction designers will be tasked with creating user-centric solutions, overseeing the design of every digital touch point and creating a holistic experience.

By deeply understanding people’s practices, environments and values, you can create products which fit meaningfully into users lives.

### COURSE STRUCTURE*

<table>
<thead>
<tr>
<th></th>
<th>Grad Certificate</th>
<th>Master</th>
<th>Master (Extension)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>24 credit points</td>
<td>72 credit points</td>
<td>96 credit points</td>
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<tr>
<td>Core subjects A</td>
<td>Completes the following:</td>
<td>Completes the following:</td>
<td>Completes the following:</td>
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<tr>
<td>Fundamentals of Interaction Design</td>
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<tr>
<td>Advanced Interaction Design</td>
<td>•</td>
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<tr>
<td>Prototyping Physical Interaction</td>
<td>•</td>
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<tr>
<td>Storytelling and Sense-making Studio</td>
<td>•</td>
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<tr>
<td>Core subjects B</td>
<td>Completes the following:</td>
<td>Completes the following:</td>
<td>Completes the following:</td>
</tr>
<tr>
<td>Human-Centred Design Research Methods</td>
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<tr>
<td>Digital Experience Design</td>
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<td>•</td>
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<tr>
<td>Digital Media Studio (12 credit points)</td>
<td>•</td>
<td>•</td>
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</tr>
<tr>
<td>Choice</td>
<td>Completes the following:</td>
<td>Completes the following:</td>
<td>Completes the following:</td>
</tr>
<tr>
<td>Data Analytics module</td>
<td>•</td>
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<tr>
<td>Games Design Module</td>
<td>•</td>
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<tr>
<td>Graduate Research Project + Elective option</td>
<td>•</td>
<td>•</td>
<td>•</td>
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<tr>
<td>Interaction Programming module</td>
<td>•</td>
<td>•</td>
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</tr>
<tr>
<td>Extension choice</td>
<td>Choose 1 of the following:</td>
<td>Choose 1 of the following:</td>
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</tr>
<tr>
<td>Graduate research project and elective option</td>
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<tr>
<td>Innovation Studio</td>
<td>•</td>
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</tbody>
</table>

*Elements of the course structure may change.

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**Graduate Certificate**

- **Course code:** C11272
- **Course duration:** Domestic: 1 year (part-time); Study load: 24 credit points (4 subjects)

**Master**

- **Course code:** C04222
- **CRICOS code:** 096325G
- **Course duration:** Domestic: 1.5 years (full-time); 3 years (part-time); International: 1.5 years (full-time)
- **Study load:** 72 credit points (12 subjects)

**Master (Extension)**

- **Course code:** C04234
- **CRICOS code:** 096324G
- **Course duration:** Domestic: 2 years (full-time); 4 years (part-time); International: 2 years (full-time)
- **Study load:** 96 credit points (16 subjects)
- **Intake:** Autumn (March) and Spring (July)
- **Admission requirements:** A UTS recognised bachelor’s degree, or an equivalent or higher qualification, with a minimum GPA of 4.7/7 and no more than 25 percent of subjects failed.
WILDER PERDOMO CHARRY  
Doctor of Philosophy (Information Systems, Software Engineering, Analytics)

Having lectured IT and software engineering at universities in Colombia, Wilder Perdomo Charry is undertaking a PhD to broaden his expertise and forge new connections.

“Academia generally contributes inside the university, but what happens outside? I want to develop new things, innovate and contribute to the government or industry.”

Thanks to a sponsorship agreement between UTS and The Foundation for the Future of Colombia (COLFUTURO) and a UTS International Research Scholarship, Wilder relocated to Sydney for further studies. “UTS is a pioneer in software engineering and IT, and it has a good relationship with industry and government,” he says. “It has interesting projects that enrich my study opportunities here.”

He found student resources invaluable at the start. HELPS English language support helped improve his fluency; Wilder now assists other international students. He also works at UTS as a casual academic, helps various faculty teams and enjoys giving back to the university. “You can share knowledge, have different opportunities and get to know different academic processes in another country.”

“I’ve learned different things as an academic, but I am strengthening my technical and academic skills here,” he says. “This program opens doors for me to work in different industries. In the future, I want to start my own company.”

Read more student profiles  
uts.edu.au/it-student-profiles
## COURSES IN RESEARCH

<table>
<thead>
<tr>
<th>Course name</th>
<th>Subjects</th>
<th>Admission requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>MASTER OF SCIENCE (RESEARCH) IN COMPUTING SCIENCES</td>
<td>- Technology Research Preparation</td>
<td>A UTS recognised bachelor’s degree in computing science, or an equivalent or higher qualification, or other evidence of general and professional qualifications that demonstrates potential to pursue graduate research studies.</td>
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<tr>
<td>Course code: C03025</td>
<td>- Technology Research Methods</td>
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<tr>
<td>CRICOS code: 001121E</td>
<td>- Thesis (Computing Science)</td>
<td></td>
</tr>
<tr>
<td>Duration: Domestic 2 years full-time, 4 years part-time</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>A UTS recognised bachelor’s degree in computing science, or an equivalent or higher qualification, or other evidence of general and professional qualifications that demonstrates potential to pursue graduate research studies.</td>
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<tr>
<td>MASTER OF ANALYTICS (RESEARCH)</td>
<td>- Technology Research Preparation</td>
<td>A UTS recognised bachelor’s degree in analytics, computing science, applied statistics or applied mathematics, or an equivalent or higher qualification, or other evidence of general and professional qualifications that demonstrates potential to pursue graduate research studies.</td>
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<tr>
<td>Course code: C03051</td>
<td>- Technology Research Methods</td>
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<tr>
<td>CRICOS code: 075277F</td>
<td>- Thesis (Analytics)</td>
<td></td>
</tr>
<tr>
<td>Duration: Domestic 2 years full-time, 4 years part-time</td>
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</tr>
<tr>
<td></td>
<td></td>
<td>A UTS recognised bachelor’s degree in analytics, computing science, applied statistics or applied mathematics, or an equivalent or higher qualification, or other evidence of general and professional qualifications that demonstrates potential to pursue graduate research studies.</td>
</tr>
<tr>
<td></td>
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<tr>
<td>DOCTOR OF PHILOSOPHY</td>
<td>- Technology Research Preparation</td>
<td>A UTS recognised master’s by research or bachelor’s degree with first or second class honours (division 1), or an equivalent or higher qualification, or other evidence of general and professional qualifications that demonstrates potential to pursue graduate research studies.</td>
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<tr>
<td>Course code: C02029 and C02047</td>
<td>- Technology Research Methods</td>
<td></td>
</tr>
<tr>
<td>CRICOS code: 009469A and 058666A</td>
<td>- PhD Thesis in: Analytics; or Information Systems; or Software Engineering</td>
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<tr>
<td>Duration: Domestic 4 years full-time, 8 years part-time</td>
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<tr>
<td></td>
<td></td>
<td>A UTS recognised master’s by research or bachelor’s degree with first or second class honours (division 1), or an equivalent or higher qualification, or other evidence of general and professional qualifications that demonstrates potential to pursue graduate research studies.</td>
</tr>
<tr>
<td></td>
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</tbody>
</table>

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### RESEARCH SUPPORT

The UTS Graduate Research School provides support to research students, supervisors and early career researchers at UTS. It offers development through research education programs, policy development, advice and scholarships.

Contact us:

**Web:** uts.edu.au/research-and-teaching/research-degrees

**Tel:** +61 2 9514 1336

**Email:** grs@uts.edu.au
The Global Big Data Technologies Centre aims to advance the science in big data technologies, develop world-leading platforms, and engage primarily with the ICT industry to make economic and societal impact. The Centre’s research programs cover mobile sensing and communications; computer vision; cloud computing and data intensive systems; and computational intelligence systems and brain-interface.

The Advanced Analytics Institute provides interdisciplinary innovation, expertise and leadership in data science and engineering; analytics science and services; behaviour and social informatics; economic computing; and advanced statistics. Its strengths lie in big data analytics, business analytics, data mining, machine learning, behaviour analytics, government analytics, marketing analytics, multimedia analytics, social analytics, bioinformatics, decision-making, optimisation, and risk analytics and management.

The Centre for Real-Time Information Networks delivers practical solutions to complex distributed real world problems by applying appropriate real-time information and communication technologies to engineering systems. It focuses on applied research with the aim of providing social benefit and holds close links with both industry and research bodies working in the application domain. Its areas of research include: embedded systems; web design; wired and wireless communications; network management; and real-time systems.

For more information about research at UTS Information Technology including areas of specialisation and academic supervisor please visit feit.uts.edu.au or email feit.hdr@uts.edu.au

Applicants must secure the agreement of a supervisor prior to lodging an application.
Student services

ORIENTATION
orientation.uts.edu.au
The UTS orientation program welcomes you to university life and helps you to get the most out of your student experience.
Discover the services available, find out course and subject information, tips on living in Sydney and meet new friends.
All students are expected to attend orientation activities and orientation is compulsory for international students.

PEER NETWORK
uts.edu.au/peer-network
Peer Networkers are student volunteers who are there to help new students when they first arrive on campus and throughout each session.
The Peer Network also encourages students to connect with others from Australia and around the world through the weekly Peer Network Café.

UTS INTERNATIONAL
uts.edu.au/international
The UTS International Student Centre, provides international students with face-to-face contact to answer your enquiries regarding studies, administrative issues and living in Sydney.

AN OPEN AND RESPECTFUL ENVIRONMENT
uts.edu.au/current-students/support
UTS is a diverse community, welcoming many different cultures and faiths.
There is a chaplaincy service, which includes Baha’i, Buddhist, Christian, Jewish and Islamic chaplains, as well as clubs and societies offering spiritual support.

HIGHER EDUCATION LANGUAGE AND PRESENTATION SUPPORT (HELPS)
uts.edu.au/helps
UTS provides free English language and academic literacy skills assistance to students. Services include weekly study, reading and speaking skills workshops, writing clinics and daily drop in consultation. Practise speaking English with staff and student volunteers through the daily Conversations@UTS sessions.

PEER LEARNING - U:PASS
uts.edu.au/upass
U:PASS is a study group facilitated by senior students who have done well in a subject, tutoring more junior students. Within a session, you may review lecture notes, participate in problem solving activities or prepare for exams.

KICKSTART@UTS
The KickStart@UTS program introduces new international research degree students to the various sources of support available to assist you in preparing for research study.

CAREER SUCCESS
careers.uts.edu.au
Your career is in your hands; preparation for graduate success can start from your first months at university as you begin building your professional network. UTS offers resources and tools to guide you on the path to your professional career.
How to apply

THE ACADEMIC YEAR
There are three teaching sessions at UTS:
- Autumn Session: March to June
- Spring Session: July to October
- Summer Session: November to February

While not all subjects offered by UTS are currently run during Summer session, make sure you check out which ones are - it’s a great way to get ahead or to reduce your study load during Autumn and Spring sessions.

APPLICATION CLOSING DATES
If you want to start studying at UTS in either the Autumn or Spring sessions, you need to apply by:
- Autumn Session: 31 January 2019
- Spring Session: 28 June 2019

DOMESTIC APPLICANTS: COURSEWORK
Submit your application:
- through the UTS Online Application system at uts.edu.au/pg-admissions; or
- at one of our Postgraduate Expos or postgraduate information sessions. Find out everything you need to know about upcoming information sessions at uts.edu.au/events

RESEARCH APPLICANTS:
Before you submit your application, you’ll need to consider what you want to research, write a research proposal and find a supervisor. When you’ve done that, submit your application to the UTS Graduate Research School.

Visit uts.ac/apply-for-research to find out more about the application process and to apply.

INTERNATIONAL APPLICANTS: COURSEWORK
If you’re an international student, head to uts.edu.au/international to find the course information, fees and application details relevant to you.

NON-AWARD STUDY
Do you want to study a single subject without committing to a full degree? You can! It’s called non-award study and it’s a great way to upgrade your skills or just learn more about something you enjoy. What’s even more exciting is that any subjects you complete may be recognised in future study. To apply, visit uts.ac/non-award-study

OFFERS
UTS will begin making postgraduate offers for 2019 from 18 September 2018.

FEES
If you’re studying a postgraduate coursework course, you’ll need to pay tuition fees. You can find out more about what your degree will cost at uts.edu.au/ tuition-fee-calculator

For postgraduate research degrees, you will need to either pay a fee or, if you’re eligible for the Research Training Program, the Australian Government will cover the cost for you. To find out more visit uts.edu.au/domestic-hd-fees

If you do have to pay a fee and you’re a domestic student, you may be eligible for FEE-HELP, an Australian Government loan scheme. Using FEE-HELP means you don’t have to pay for your tuition fees upfront. More information can be found at uts.edu.au/government-help-schemes

You can choose to repay your FEE-HELP loan simply by notifying your employer who will then withhold your payments through the PAYG tax system. You can also make payments directly to the Australian Taxation Office (ATO).

ENGLISH LANGUAGE PROFICIENCY
There are English language proficiency requirements for all courses. These requirements may apply to you, even if you are not an international student.

Visit uts.edu.au/english-language-requirements to find out more.

<table>
<thead>
<tr>
<th>TYPE OF STUDY PROGRAM</th>
<th>IELTS (ACADEMIC)</th>
<th>TOEFL IBT</th>
<th>PTE (ACADEMIC)</th>
<th>CAE</th>
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</thead>
<tbody>
<tr>
<td>Postgraduate coursework and research</td>
<td>6.5 overall with a writing score of 6.0</td>
<td>79-93 overall with a writing score of 21</td>
<td>58-64</td>
<td>176 overall with a writing score of 169</td>
</tr>
</tbody>
</table>

ALUMNI ADVANTAGE
If you’ve already completed a degree at UTS then you’re eligible for the Alumni Advantage program, which offers a 10% saving on full fee paying degree programs. Find out if you’re eligible for Alumni Advantage at alumni.uts.edu.au/advantage

TIMETABLE INFORMATION
Do you like to plan ahead? Then check out the UTS Timetable Planner. The online tool lets you see the timetable for the current academic year, so you can get an idea about when the subjects for your course may be scheduled. The 2019 timetable will be published in mid-October 2018. Visit timetable.uts.edu.au

CONTACT US
UTS Student Centre
Let’s talk! Make an enquiry with our friendly team.
Phone: 1300 ASK UTS (1300 275 887)
Online enquiry: ask.uts.edu.au
Web: it.uts.edu.au

INFORMATION EVENING
Attend an upcoming Postgraduate Information Evening to meet course coordinators and academics and explore state-of-the-art facilities uts.edu.au/feit-events

ENGLISH LANGUAGE PROFICIENCY
There are English language proficiency requirements for all courses. These requirements may apply to you, even if you are not an international student.

Visit uts.edu.au/english-language-requirements to find out more.
A postgraduate degree at UTS gives you the skills to advance your career in IT and meet the evolving demands of industry.