Information Technology

No. 1
UTS ranked
Australia’s
#1 young* uni
Welcome to UTS
Information Technology

Contents
02 Why information technology at UTS?
04 World-class facilities
06 How do I find an internship?
08 Careers
09 Prepare for the future
10 Information Technology courses
10 Bachelor of Science in Information Technology, Diploma in Information Technology Professional Practice
12 Majors
14 Bachelor of Information Technology Co-operative Scholarship
16 Bachelor of Computing Science (Honours)
18 Bachelor of Science in Games Development
20 Combined degrees
20 Bachelor of Business Bachelor of Science in Information Technology
22 Bachelor of Science in Information Technology, Bachelor of Arts in International Studies
24 Bachelor of Science in Information Technology, Bachelor of Laws
26 Bachelor of Science in Information Technology, Bachelor of Creative Intelligence and Innovation
28 Degree add-ons
29 Additional courses for international students
30 What you need to know
30 Women in Engineering and IT (WiEIT)
32 University life
33 Scholarships
34 Current student scholarships
35 Fees, scholarships and financial assistance
36 Applying to UTS

Faculty snapshot
10,233 total students
6707 undergraduate
2747 postgraduate
779 research

UTS at a glance
44,753 students
14,148 international students
31,893 undergraduate students
10,853 postgraduate coursework
2007 higher degree research students
3632 staff

UTS student diversity
49% female students
51% male students
32% are 25 or older
48% also speak a language other than English

Please note the above numbers are approximate as of November 2017.

Connect with us
UTSFEIT

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 stand. We would also like to pay to the respect to the Elders both past and present, acknowledging them as the traditional custodians of knowledge and technology for these Lands.
Why information technology at UTS?

Experience the UTS difference.

INDUSTRY FOCUSED LEARNING
Nothing prepares you better than real industry experience. Climb the ladder faster by combining theory and practice in an internship connected to your degree.

FUTURE READY
You’re at uni to become one of the creators of the future. Do that in the most forward-thinking spaces and hi-tech, future-first laboratories available. Ours!

A FOOT IN THE DOOR
Get an internship that will help fuel your future with one of our 1,000 partner companies. Our team will help you secure it. The UTS internship team is here to help you turn access into valuable work experience. It’s this type of know-how that sets you apart from your peers when you graduate.

SEE YOUR IDEAS FLOURISH
TIME Magazine, Snapchat, Reddit, Facebook, Google, Dropbox, WordPress and Yahoo were all founded in universities. Be where opportunities happen. 40% of Sydney’s tech start-ups are in our neighbourhood and we offer dedicated services and programs to mentor students with ideas and ambitions.

EXPAND YOUR HORIZONS
Every door in the world is open to you right now. Keep it that way. Use our Global Exchange, International Studies course or Beyond UTS International Leadership Development (BUILD) program with its overseas volunteering placements, to lay down the foundations for a global career.

DO SOMETHING THAT MATTERS
Choose the Honours program and you’ll work on research that could change the world for millions of people. Visit uts.edu.au/it-honours to find out more and learn about the real-world projects you could be involved in.

Choose the Honours program and you’ll work on research that could change the world for millions of people. Visit uts.edu.au/it-honours to find out more and learn about the real-world projects you could be involved in.
UTS was awarded 5 stars in all 8 categories by QS World University Rankings.

**5 star rated for excellence**

NO. 2

for Computer Science in Australia and Top 100 in the world

Times Higher Education World University Rankings by Subject 2018

NO. 1

UTS ranked Australia’s #1 young* uni


28th

UTS ranked World’s Top 100 most international universities

Times Higher Education World University Rankings 2015
World-class facilities

The building is a living, breathing laboratory, embedded with revolutionary technology and purpose-built to spark creativity and collaboration. Everything you need to take on tomorrow is right here, all under one roof.

ENGINEERING AND IT BUILDING
Every space in the building is designed to turn traditional learning on its head to embed technology and enhance creativity, entrepreneurship and collaboration. Digitally equipped classrooms, collaborative theatres and study spaces adapt to support group work, technology-enabled activities and practice-based learning.

UTS DATA ARENA
Data comes to life in the building’s interactive 3D UTS Data Arena. It is a 3D data visualisation arena showcasing the latest in immersive technology. It enables a unique method for the exploration and visualisation of data. The facility allows researchers to observe interrelationships, patterns and anomalies not normally seen in 2D format.

LABORATORIES
Whatever IT field you’ve got your eye on, we’ve got a specced-up lab space to hone your skills. We are a Cisco Networking Academy, so our internetworking labs are resourced with the latest equipment from Cisco Systems. Labs are regularly updated with the latest hardware and undergo a complete upgrade of operating systems and programs before most sessions. There are a mix of Windows and Linux labs, and IT students have 24/7 access to computer labs.

LEARNING PRECINCT
In between classes, you can study or conduct group work in the FEIT Learning Precinct, where you can also access teachers for support, get your hands on reference material and other resources such as software and hardware.

SOFTWARE DEVELOPMENT STUDIO
A rich environment for you to become professionally competent via an industry collaborative software development experience.
GRAPHICS LABORATORY
A laboratory of specially equipped computers for graphic intensive subjects, the computers have advanced graphic accelerator cards and Maya software.

CREATIVITY AND COGNITION STUDIOS
Includes a games studio, a sound studio and a video wall with an interaction space incorporating a range of sensor systems.

UTS LIBRARY
The library has expanded to include an underground storage system that uses robots to retrieve books, freeing library space for student collaboration and quiet study. This upgrade is part of the UTS City Campus Master Plan, a $1 billion investment to re-develop UTS.

UTS HATCHERY
The Hatchery pre-incubator is a new, distinctive UTS entrepreneurship program designed to give you start-up skills and provide you with access to resources that help launch the entrepreneurs of the future. The program is 15-30 weeks, up to 4 hours per week. Discover more at hatchery.uts.edu.au
To enhance your employability, UTS IT courses are offered in conjunction with the Diploma in Information Technology Professional Practice. You graduate with practical, hands-on experience, giving you the competitive edge when you finish uni.

**Internships**

The Diploma in Information Technology Professional Practice gives you practical, hands-on work experience.

**BE JOB READY**

You’ll complete preparation subjects before your internships. Preparation subjects help you find an internship and learn how to learn from experience.

These preparation modules are developed in collaboration with leading industry practitioners, and cover topics such as professionalism, career pathways and the development of an online portfolio. The portfolio highlights competencies and is useful for securing future employment.

**NETWORKING OPPORTUNITIES**

Scope out your potential future employer at industry networking events. These take place throughout the year, on campus and on site at partner offices. These opportunities can be found on the faculty events page, through Careers Hub and Women in Engineering & IT (WiEIT) events.

**Connections that count**

Our 1000+ industry partners will drive employment in the technology industry for years to come. Their feedback reveals that they are looking for students who have relevant work experience and relevant skills that demonstrate they can adapt to a workplace and deliver on projects.
Q. WHAT IS THE DIPLOMA IN INFORMATION TECHNOLOGY PROFESSIONAL PRACTICE?

With the Diploma in Information Technology Professional Practice, you can undertake a minimum of nine months IT work experience in addition to your course.

The Diploma is available to students enrolled in the following courses:
- Bachelor of Science in Information Technology
- Bachelor of Science in Games Development
- Bachelor of Computing Science (Honours)
- Bachelor of Science in Information Technology combined degrees

Q. WHAT ARE THE BENEFITS OF AN INTERNSHIP?

An internship provides you with a unique opportunity to put uni learnings into practice. This means you get to test and refine your practical skills as well as build business acumen around your communication, teamwork and creative skills.

Q. HOW MANY HOURS SHOULD I COMMIT TO MY INTERNSHIP?

An internship is similar to a full-time job. You’ll be expected to commit to the contracted hours of employment during this time. Don’t worry, there are no other compulsory classes during this time so you can solely focus on your work placement.

“...program is a tremendous success for both the students and NAB. Many of our interns go on to progress their career within NAB as a result of this program.”

SEAN SPARK
Senior Analyst, Programmer, NAB
Careers

Information Technology is your passport to success. Start your career journey at UTS.

PREPARE FOR THE FUTURE
Today’s IT professionals are programming, networking, analysing and building. They are pioneering business and technical solutions for computer hardware, software, electronics, telecommunications, e-commerce and computer services.

THE FUTURE HAS NEVER LOOKED BRIGHTER FOR THE IT INDUSTRY
Technology continues to infiltrate every aspect of our lives, and there’s no signs of it slowing down. Your IT degree will prepare you for a fast-paced digital future giving you the knowledge and developing the skills you need for any industry or your own start-up.

If you’re interested in working in technology, the opportunities are endless. In fact, the IT sector is one of the biggest contributors to Australia’s national economy with predicted growth until 2020.

WHAT DO YOU NEED TO WORK IN IT?
IT is not just about computers, especially if you’re interested in one day creating your own start-up.

You’ve got to know how the business works. Here are a few tips on what you need to work in IT:
– good communication skills and to enjoy dealing with people
– creative thinking and problem solving skills
– to be motivated and results-driven
– to be a team player
– to be willing to learn new things and adapt to an ever-changing environment
– a mix of business and technical skills
– an understand how a business works - IT is not just about computers

“Most students go out after they finish a degree and they’re just holding a piece of paper, and maybe a higher GPA than their peers, but they don’t really distinguish themselves in the IT world.”

ANTHONY CHOI
Bachelor of Science in Information Technology, Diploma in Information Technology Professional Practice

151,200
new IT related jobs are predicted to be created between now and 2020

Department of Employment, 2016
Industry Employment Projections
Prepare for the future

Robotics, artificial intelligence and automation are all around us, revolutionising the way we live and work.

The demand for skilled IT professionals is growing exponentially to meet these emerging tech trends. We have covered a selection of the top skills needed to meet this demand.

SOFTWARE DEVELOPER
Software developers are the creative minds behind computer programs and algorithms.

The programs must be secure and continuously tested to ensure code is released consistently, at a high quality and fast, ensuring clients and customers have a seamless and safe experience across applications.

Smart solutions, robots, machine learning, artificial intelligence, autonomous vehicles and advanced enterprise solutions are increasing the demand for custom software solutions.

Prepare with a Bachelor of IT Co-operative Scholarship or Bachelor of Science in IT, Diploma in IT Professional Practice or Bachelor of Computing Science (Honours)

CYBER SECURITY EXPERT
Advances in inter-connectivity, smart technology and online services are increasing the threat of cyber threats. In fact, according to the 2016 PwC Global Economic Crime Survey, cybercrime is ranked second most reported economic crime in the world.

Cyber security experts are tasked with simulating, tracking, targeting hackers.

Prepare with a major in Networking and Cybersecurity

DATA ANALYST
The Internet of Things is predicted to have 50 billion ‘things’ connected to the net by 2020. These ‘things’ include mobile phones, home appliances, healthcare devices, lights, wearable devices, engines and machinery.

As the demand for data grows so will the demand for data analysts. An analyst has deep analytical skills with an ability to identify patterns and draw conclusions and insights to inform business decisions.

Prepare with a major in Data Analytics

VIRTUAL REALITY DESIGNER
The world of virtual and augmented reality is changing fast and becoming more accessible and wide-spread. Aside from the gaming industry, VR is also being used in the engineering, architecture, construction, education, medical and military industry for 3D design, simulations and training.

Prepare with a Bachelor of Science in Games Development

Careers
- Virtual Reality Developer
- Roboticist
- Autonomous Vehicle Programmer
- Computer Systems Analyst
- Web Developer
- Cloud Architect
Take charge of your future in a world of disruptive technologies.

With the Bachelor of Science in Information Technology, Diploma in Information Technology Professional Practice you’ll learn how to innovate today so that you can help shape tomorrow.

This program sees you combine theoretical knowledge and practical skills in both computing and business analysis to bridge the gap between business needs and innovation. Develop a strong grounding in the fundamentals of IT, while also allowing you to specialise with an IT major and pursue your interests with your remaining elective subjects. You can even choose electives from other faculties and/or undertake a study exchange session overseas.

KORY PORTER
Bachelor of Science in Information Technology, Diploma in IT Professional Practice

“I completed a diploma at TAFE before studying at UTS, but a university qualification makes a bigger statement, and UTS is known for technology.

I received credit points from my TAFE course and did a UTS Foundation Maths course to provide me with the skills I needed to get up to HSC standards.

There is a lot of flexibility and options around study plans, ways of learning and how and when you study if you are part-time or full-time.

I really like the ‘studios’ where you work on a real project, with a real client and with real teams, which is like a real work environment.”
MAJORS
- Business Information Systems Management
- Data Analytics
- Enterprise Systems Development
- Interaction Design
- Networking and Cybersecurity

WHY CHOOSE THIS COURSE?
As well as learning theory, you’ll get the chance to practice it. You will gain:
- strong technical skills in IT
- skills in business analysis, problem solving, teamwork and communication
- exposure to real IT problems - employers look for graduates with industry experience
- the opportunity to undertake a minimum of nine months’ work experience with the Diploma in Information Technology Professional Practice

CAREERS
- Business analyst
- Computer game designer/ animator
- Cloud specialist
- Data analyst
- Database designer/manager
- IT architect
- IT project manager
- Network administrator/ manager
- Software developer
- Systems analyst
- Web developer
- Interaction designer

Combine your degree with:
Bachelor of Business, see page 20
Bachelor of Arts in International Studies, see page 22
Bachelor of Laws, see page 24
Bachelor of Creative Intelligence and Innovation, see page 26

Course structure

<table>
<thead>
<tr>
<th>8 core IT subjects</th>
<th>1 IT major (8 subjects)</th>
<th>8 electives</th>
<th>Diploma in Information Technology Professional Practice</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Communication for IT Professionals</td>
<td>Choose one IT major from the following:</td>
<td>Choose:</td>
<td>A 9-12 month work placement and supporting subjects at UTS.</td>
</tr>
<tr>
<td>- Introduction to Information Systems</td>
<td>- Business Information Systems Management</td>
<td>- a second IT major</td>
<td></td>
</tr>
<tr>
<td>- Programming Fundamentals</td>
<td>- Data Analytics</td>
<td>- 2 sub-majors (IT or from another faculty)</td>
<td></td>
</tr>
<tr>
<td>- Web Systems</td>
<td>- Enterprise Systems Development</td>
<td>- 1 sub-major and 4 electives</td>
<td></td>
</tr>
<tr>
<td>- Business Requirements Modelling</td>
<td>- Interaction Design</td>
<td>- 8 electives</td>
<td></td>
</tr>
<tr>
<td>- Database Fundamentals</td>
<td>- Networking and Cybersecurity</td>
<td>Students may also undertake a global exchange overseas.</td>
<td></td>
</tr>
<tr>
<td>- Project Management and the Professional</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Networking Essentials; or Network Fundamentals</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
The major you choose will typically influence the career path you take after university. A major consists of eight subjects and allows you to specialise in your chosen area of IT.

**Business Information Systems Management**

These days the private sector is increasingly looking for graduates who can use IT to provide solutions that add value to their business and improve competitiveness.

You’ll focus on the business side of IT. You’ll learn how to use appropriate design approaches to develop Information Communication Technologies for all types of business activities. Specialise in managing the integration of Information Communication Technologies into business and society, and take leadership roles in their implementation.

**YOU WILL LEARN:**
- how to run an IT business and systems
- how to design IT for all types of enterprises and business activities
- how to manage the integration of IT into a business

**SUBJECTS INCLUDE:**
Design systems, project management, contract/vendor management, organisational theory, accounting and finance.

**Data Analytics**

This major is all about technology services and integrates the mathematical and IT foundations for developing and applying business analytics systems. 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.

**YOU WILL LEARN:**
- how to use data and mathematics to solve business problems
- about data mining; business intelligence systems; image processing; and applications of artificial intelligence

**Enterprise Systems Development**

This major introduces the practice of designing, creating and maintaining software. You’ll get to apply technologies and practices from computer science, design, project management, and other fields to produce effective, reliable and engaging applications in an enterprise context.

**YOU WILL LEARN:**
- how to design, analyse, implement, test and deploy software systems
- how to build software systems in an enterprise context
- teamwork, project management and quality assurance

**Networking and Cybersecurity**

As the cyber landscape advances, so does the need for greater security measures that provide the framework protecting the very fabric of our new smart society.

This major equips computer network and systems engineers of the future with technical knowledge and a deep understanding of the principles of security concerned with technology services. You will develop key skills in secure network administration to protect personal and commercial data and protect organisations against imminent cyber threats.

**YOU WILL LEARN:**
- security fundamentals and cybersecurity, including subject options in digital forensics and mobile platform security
- the essentials of routing and switching in both wired and wireless networks
- server administration and cloud computing infrastructure
- building and securing the Internet of Things (IoT)
- options to learn advanced topics like software defined networks, advanced routing and multilayer switching
- hands-on networking skills using equipment from leading vendors
Interaction Design

Focus on user experience and the design of interactive systems. You’ll develop the practical skills to translate design concepts into working systems, as well as the necessary creative and social skills to ensure that what they create has a positive impact on the world.

YOU WILL LEARN:
- human-centred approaches to interaction design
- how to create interactive systems that support rich user experiences
- how to examine user experiences and evaluate interface effectiveness

Sub-Majors

You can also take one of the five majors listed as a sub-major (which consists of four rather than the eight subjects required for a major). Please note that Computer Graphics and Animation is only offered as a sub-major.

Computer Graphics and Animation

This sub-major provides you with the theoretical and practical knowledge required to understand and build modern computer graphics applications. You can choose to learn about 3D animations, rendering techniques and computer game design and programming, and you’ll also have the option to complete a computer graphics project.

UTS graduates who’ve completed this sub-major have worked on Academy Award-winning films for special effects, such as The Matrix, King Kong, Avatar and Happy Feet (which also won the Academy Award for Best Animated Feature Film in 2007).
Bachelor of Information Technology Co-operative Scholarship

Take charge of your future in a world of disruptive technologies.

This course is a three-year fast-tracked Co-operative Scholarship sponsored by industry, valued at approximately $49,500 over the three-year program. Graduates from this course are highly sought after and report excellent starting salaries and exciting career prospects. In fact, many students even find work before they graduate.

Designed with help from our sponsors, this scholarship offers a business focus, allowing you to develop an understanding of both business practice and technical skills to prepare you for an IT management role.

Undertake two six-month industry placements with sponsor organisations in your first and third year of study. The two internships are supported by pre and post internship learning to ensure you’re maximising the experience.

CAREERS
- Associate Developer
- Business Analyst
- Information Systems Manager
- Project Manager
- Commercial Manager

KASVI LUTHRA
Bachelor of IT Co-operative Scholar

“I completed my first internship with Vivant Digital, a small innovation agency, which I continued working part-time during my studies. My second internship will be with Westpac. The best application tips I can give is to let you personality come through in your responses. The academic and industry staff want to get you know who you are.”
WHO SHOULD APPLY FOR THE BIT CO-OPERATIVE SCHOLARSHIP?

Students who are:
- excellent communicators with good interpersonal skills
- motivated, with the capacity to progress to a senior level of management
- all-round achievers who can demonstrate initiative by their involvement in activities like peer support, school council, debating, mooting, music, scouts, community work or sports
- interested in IT – you don’t need to have completed an IT subject in the HSC

Successful candidates are selected based on a combination of interview performance and Selection Rank**.

HOW TO APPLY

In addition to including the BIT as one of your preferences through UAC, you will need to complete an online UTS application. If your online application is successful you will be invited to attend an interview with representatives from industry sponsors and the UTS team. If you are successful at interview stage, you will receive a conditional offer subject to your ATAR.

- complete the online BIT application questionnaire at apply.bit.uts.edu.au
- apply through UAC

For more information on application dates and interviews:
Visit: bit.uts.edu.au
Email: bitscholarships@uts.edu.au

INDUSTRY SPONSORS

- Aleron
- Allianz
- American Express
- ASIC
- ASX
- Campaign Monitor
- Coca Cola Amatil
- Commonwealth Bank of Australia
- CSR
- CUSCAL
- Deloitte
- Fujitsu
- IBM
- IBM Global Business Services
- IBM iX
- KPMG
- KWM
- Macquarie Group
- Nielsen
- Nine Digital
- Nine Network
- Origin Energy
- PWC
- Reserve Bank of Australia
- Servcorp
- TAL
- Westpac
- Winning Group
- WiseTech Global
- Woolworths
- 2Datafish
  (SapientRazorfish)

Course structure^

<table>
<thead>
<tr>
<th>8 core IT subjects</th>
<th>8 core BIT subjects</th>
<th>4 electives</th>
<th>Industry placements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communication for IT Professionals</td>
<td>Information System Development Methodologies</td>
<td>Electives can be IT subjects or chosen from other faculties. Students can also undertake an exchange overseas.</td>
<td>Year 1 - Session 2</td>
</tr>
<tr>
<td>Introduction to Information Systems</td>
<td>Collaborative Business Processes</td>
<td></td>
<td>– Industry Study 1</td>
</tr>
<tr>
<td>Programming Fundamentals</td>
<td>Business Process and IT Strategy</td>
<td></td>
<td>– Industry Experience 1</td>
</tr>
<tr>
<td>Web Systems</td>
<td>Applications Programming</td>
<td></td>
<td>Year 3 - Session 1</td>
</tr>
<tr>
<td>Business Requirements Modelling</td>
<td>Software Engineering Practice</td>
<td></td>
<td>– Industry Study 2</td>
</tr>
<tr>
<td>Networking Essentials or Network Fundamentals</td>
<td>Systems Development Project</td>
<td></td>
<td>– Industry Experience 2</td>
</tr>
<tr>
<td>Database Fundamentals</td>
<td>Plus 2 technical choice subjects</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Management and the Professional</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

^Revised structure due for implementation in 2019.

**Selection Ranks: published ranks indicate the lowest ATAR, including any adjustments applied through eligible admissions schemes, to which an offer was made to current school leavers as of 12 January 2018. Please refer to the UTS website for more info on selection ranks, ATARs and student profiles.
Bachelor of Computing Science (Honours)

Drive innovation with real-world experience.
This premier degree has been developed in collaboration with the software industry to ensure students graduate with the skills required to pursue highly technical careers.

With an emphasis on next generation technologies, computer scientists solve deep problems in computing. They theorise, design, develop and apply computing and software for advanced programs.

The course incorporates foundation mathematics with core computing and computing science-specific subjects, including computer programming, software design, networking, data science, machine learning and quantum computing.

You’ll work in a studio environment, applying theoretical knowledge to real-world problems. In years three and four of the course, you’ll also develop research skills through computing studio subjects and specialist subjects, culminating in an honours project in your final year of study.

The Honours component is a one-year, research-based program devoted to a research project. It is the first step towards a career in research, and a unique opportunity for students to explore research opportunities at UTS.

MICHAEL BLUMENSTEIN
Head of School
School of Software

“The types of students that would enjoy undertaking a course like the Bachelor of Computing Science would be those that have a tremendous fundamentals already within maths and a love for mathematics and computing in general, such as in the areas of coding and programming.”

*Selection Ranks: published ranks indicate the lowest ATAR, including any adjustments applied through eligible admissions schemes, to which an offer was made to current school leavers as of 12 January 2018. Please refer to the UTS website for more info on selection ranks, ATARs and student profiles.
**WHY CHOOSE THIS COURSE?**

As a Bachelor of Computing Science (Honours) student, you’ll develop:

- the ability to theorise, design, develop and apply computing and software for advanced programs
- advanced cognitive, technical and communication skills required for a highly rewarding career
- opportunities to work in research. The combination of core computing science subjects, IT majors, electives and research subjects will prepare you to embark on a PhD.

**CAREERS**

You will have diverse career opportunities locally and internationally across a range of industries, including science, health, engineering, finance, transport and telecommunications.

- Data scientist
- Artificial Intelligence expert
- Machine learning specialist
- Software designer
- Web development
- Interface designer
- Information systems management
- Network management
- Systems engineer
- Security operations
- Professional computing science researcher

---

**Course structure**

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Session 1</td>
<td>Session 2</td>
<td>Session 3</td>
<td>Session 4</td>
</tr>
<tr>
<td>Mathematics (Core)</td>
<td>IT (Core)</td>
<td>IT (Core)</td>
<td>IT (Major)</td>
</tr>
<tr>
<td>IT (Core)</td>
<td>IT (Major)</td>
<td>IT (Major)</td>
<td>IT (Major)</td>
</tr>
<tr>
<td>IT (Core)</td>
<td>IT (Major)</td>
<td>Elective</td>
<td>IT (Core)</td>
</tr>
<tr>
<td>Comp. Sci. Studio</td>
<td>IT (Major)</td>
<td>Comp. Sci. Studio</td>
<td>Elective</td>
</tr>
</tbody>
</table>

---

**PREPARE FOR THE FUTURE**

- Artificial intelligence
- Quantum computation
- Computer science
- Data science
- Computing language design
- Social robotics
Bachelor of Science in Games Development

Facial recognition, virtual reality, augmented reality and open-source gaming are just the beginning.

Evolving technology is changing the face of the interactive entertainment industry, giving unprecedented opportunities. Today’s games are sophisticated computer programs that often connect thousands of players through virtual worlds and consist of detailed 3D graphics, realistic physics and complex artificial intelligence.

In this program, you’ll develop a sound education in all aspects of information technology as well as the diverse skills necessary for a career in games development. This includes subjects in web systems, programming, networking, interactive media, database management, design and special effects.

WHY CHOOSE THIS COURSE? At UTS you won’t just learn the theory, but will also practice it. You will gain:
- enhanced work-ready expertise in games development and other IT fields
- creative freedom and practical problem-solving skills based on leading-edge IT theory
- communication skills in a variety of forms including written, verbal, online and technical literacies
- an awareness of the principles of ethics and corporate governance in a variety of settings
- an understanding of industry through showcase events and industry interaction

CAREERS
- Computer animation/graphics specialist
- Cyber security specialise
- Data analyst
- Games developer
- Interaction designer
- IT project manager
- Software developer
- Software engineer
- Systems analyst
- Web developer

Opportunities vary depending on major/sub-major chosen.

*Selection Ranks: published ranks indicate the lowest ATAR, including any adjustments applied through eligible admissions schemes, to which an offer was made to current school leavers as of 12 January 2018. Please refer to the UTS website for more info on selection ranks, ATARs and student profiles.
### Course structure

<table>
<thead>
<tr>
<th>8 core IT subjects</th>
<th>8 core Games Development subjects</th>
<th>8 electives</th>
</tr>
</thead>
</table>
| - Communication for IT Professionals  
- Introduction to Information Systems  
- Programming Fundamentals  
- Web Systems  
- Business Requirements Modelling  
- Database Fundamentals  
- Project Management and the Professional  
- Networking Essentials or Network Fundamentals | - Interactive Media  
- Introduction to Computer Game Design  
- Introduction to Computer Graphics  
- Game Design Studio 1  
- Game Design Studio 2  
- Applications Programming  
**Choose two of the following:**  
- Application Development in the iOS Environment  
- 3D Computer Animation  
- Computer Graphics Rendering Techniques  
- Games and Graphics Project  
- Data Structures and Algorithms  
- Introduction to Computer Game Programming  
- Advanced Interaction Design  
- Mobile Applications Development  
- Programming for Special Effects | Choose:  
- 2 sub-majors (IT or from another faculty)  
**OR**  
- 1 sub-major and 4 electives  
**OR**  
- 8 electives |

---

**HARRY REX**  
Graduate, Bachelor of Science in Games Development

“Games have always interested me. I loved to play them as a kid, and it was the only thing I could picture myself making a career out of. A lot of what they teach us in terms of content and how we approach things is very good, as are the game design methodologies and the importance of having designers, developers, artists and animators as part of your team.”
Bachelor of Business
Bachelor of Science in Information Technology

2018 Selection Rank*: 75.10  
Duration: 4 years (full-time)  
UAC code: 603220  
UTS course code: C10219  
CRICOS code: 047835B  
Assumed knowledge: HSC (or international equivalent) Mathematics and any 2 units of English  
Recommended Year 12 subjects: Mathematics Extension 1 and English Advanced  
Professional recognition: Graduates are eligible to apply for professional-level membership of the Australian Computer Society

Technology transcends every company department. Technology is one of the fastest growing industries in the work, and essential to every successful business. This course provides a sound education in all aspects of computing and IT for students pursuing a career in the profession. It adopts a practice-based approach, with the course content designed as a mix of theory and practice. The business component will provide you with the knowledge, competencies and values necessary for fulfilling an effective career in business.

WHY CHOOSE THIS COURSE?
Graduates with solid IT skills who also understand business operations are in strong demand in industry. Business knowledge is an increasingly important tool for IT professionals, enabling them to understand how IT fits into a successful business strategy.

CAREERS
- Electronic business operations management
- Information systems development/management
- Software development in the banking and finance sector
- Systems analyst
- Web developer
Graduates are also prepared for traditional business careers such as:
- accountant
- advertising consultant
- business analyst
- financial planner
- human resource manager
- management consultant
- marketing manager

*Selection Ranks: published ranks indicate the lowest ATAR, including any adjustments applied through eligible admissions schemes, to which an offer was made to current school leavers as of 12 January 2018. Please refer to the UTS website for more info on selection ranks, ATARs and student profiles.
## Course structure

<table>
<thead>
<tr>
<th>8 core IT subjects</th>
<th>8 core Business subjects</th>
<th>1 IT major (8 subjects)</th>
<th>1 Business major (8 subjects)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communication for IT Professionals</td>
<td>Accounting for Business Decisions A</td>
<td>Choose one IT major from the following:</td>
<td>Choose one Business major from the following:</td>
</tr>
<tr>
<td>Introduction to Information Systems</td>
<td>Managing People and Organisations</td>
<td>- Business Information Systems Management</td>
<td>- Accounting</td>
</tr>
<tr>
<td>Programming Fundamentals</td>
<td>Marketing Foundations</td>
<td>- Data Analytics</td>
<td>- Advertising and Marketing Communications</td>
</tr>
<tr>
<td>Business Requirements Modelling</td>
<td>Fundamentals of Business Finance</td>
<td>- Interaction Design</td>
<td>- Finance</td>
</tr>
<tr>
<td>Project Management and the Professional</td>
<td>Integrating Business Perspectives</td>
<td></td>
<td>- International Business</td>
</tr>
<tr>
<td>Networking Essentials or Network Fundamentals</td>
<td>Accounting for Business Decisions B</td>
<td></td>
<td>- Management</td>
</tr>
</tbody>
</table>

**JESSICA DOMAZET**  
Bachelor of Business Bachelor of Science in Information Technology  

“I did my first internship at Westpac, and am about to go to Deloitte. I received a Westpac Young Technologist Scholarship, which was an eye opener as I’d never worked in corporate before. This scholarship was really helpful both financially and for gaining industry exposure and exploring potential career opportunities. It gave me a lot of insight into the fintech industry which is where I see myself working when I graduate.”
Combined degrees

Bachelor of Science in Information Technology, Bachelor of Arts in International Studies

*2018 Selection Rank*: 81.45

*Duration*: 5 years full-time

*UAC code*: 609230

*UTS course code*: 010239

*CRICOS code*: 0597266

*Assumed knowledge*: HSC (or international equivalent) Mathematics and any 4 units of English

*Recommended Year 12 subjects*: Mathematics Extension 1 and English Advanced

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

Why settle for one specialisation? Create your niche by combining your global areas of interest.

This program provides a sound education in all aspects of computing and IT. The international studies component offers an in-depth understanding of another culture through academic and experiential learning, enhancing your professional training and career options.

Take subjects in language and culture as well as a year studying overseas in one of the countries available as a major, allowing you to immerse yourself in another language and culture. The in-country study is normally undertaken as part of your fourth year (full-time). UTS pays for your travel between Sydney and your country of study, tuition fees at the overseas institution, visa fees and the cost of the UTS Overseas Insurance Policy.

**WHY CHOOSE THIS COURSE?**

Why limit your horizons to Australia and other English-speaking countries?

You will gain:

- a thorough knowledge of IT and computing as well as skills in business analysis, problem solving, teamwork and communication
- exposure to foreign culture and language skills, opening up opportunities for you to work overseas
- the international studies component of this degree will prepare you to work in a diverse range of IT careers in multinational companies or overseas

For career options available to Bachelor of Science in Information Technology graduates, see page 11.

---

*Selection Ranks: published ranks indicate the lowest ATAR, including any adjustments applied through eligible admissions schemes, to which an offer was made to current school leavers as of 12 January 2018. Please refer to the UTS website for more info on selection ranks, ATARs and student profiles.*
## Course structure

<table>
<thead>
<tr>
<th>8 core IT subjects</th>
<th>1 IT major (8 subjects)</th>
<th>8 electives</th>
<th>1 Country major (6 subjects + in-country study)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communication for IT Professionals</td>
<td>Choose one IT major from the following:</td>
<td>Choose:</td>
<td>– Argentina</td>
</tr>
<tr>
<td>Introduction to Information Systems</td>
<td>– Business Information Systems Management</td>
<td>– A second IT major</td>
<td>– Canada</td>
</tr>
<tr>
<td>Programming Fundamentals</td>
<td>– Data Analytics</td>
<td>OR</td>
<td>– Chile</td>
</tr>
<tr>
<td>Web Systems</td>
<td>– Enterprise Systems Development</td>
<td>– 2 sub-majors (IT or from another faculty)</td>
<td>– China</td>
</tr>
<tr>
<td>Business Requirements Modelling</td>
<td>– Interaction Design</td>
<td>OR</td>
<td>– Colombia</td>
</tr>
<tr>
<td>Database Fundamentals</td>
<td>– Networking and Cybersecurity</td>
<td>– 1 sub-major and 1 elective</td>
<td>– Costa Rica</td>
</tr>
<tr>
<td>Project Management and the Professional</td>
<td></td>
<td>OR</td>
<td>– France</td>
</tr>
<tr>
<td>Networking Essentials or Network Fundamentals</td>
<td></td>
<td>– 8 electives</td>
<td>– Germany</td>
</tr>
</tbody>
</table>

– Italy
– Japan
– Latino USA
– Mexico
– Spain
– Switzerland
Combined degrees

Bachelor of Science in Information Technology, Bachelor of Laws

**2018 Selection Rank**: 96.90

**Duration**: 5 years full-time

**UAC code**: 609020

**UTS course code**: C10245

**CRICOS code**: 0643826

**Assumed knowledge**: HSC (or international equivalent) Mathematics and any 2 units of English

**Recommended Year 12 subjects**: Mathematics Extension 1 and English Advanced

**Professional recognition**: Graduates are eligible to apply for professional-level membership of the Australian Computer Society. The course satisfies the academic requirements for admission to the Supreme Court of NSW as a lawyer. Students wishing to obtain full recognition for admission as a lawyer have the option of undertaking the UTS Practical Legal Training (PLT) program upon completion of their course.

**Use your unique experience to apply legal practice to existing and emerging technology.**

Lawyers are important business partners in today’s fast-paced digital world. In this combined information technology and law degree, you’ll gain a blend of technical knowledge and legal skills.

This program also provides you with a thorough grounding in Australian legal practice, including an understanding of the legal system, technology legislation, technology-specific criminal law, contract law and environmental law.

The IT component adopts a practice-based approach to IT education and its content is a mix of theory and real-world experience. You’ll gain a sound education in all aspects of computing and IT and allows you to gain a specialisation with an IT major.

**WHY CHOOSE THIS COURSE?**

The primary goal of this combined degree is to prepare you to become a future lawyer with expert knowledge in IT, qualifying you to work as an IT professional in a legal environment. Because of the rapidly changing nature of IT, lawyers with IT skills are in demand.

You will gain:

– strong technical skills in IT
– skills in business analysis, problem solving, teamwork and communication
– a thorough grounding in Australian legal practice

**CAREERS**

Communication, teamwork, problem solving, analytical and creativity will be key skills, adding to your expertise in IT and Law. Roles are available throughout industry and include:

– intellectual property expert
– internet regulation specialist
– legal technology specialist
– online privacy manager
– solicitor – IP and technology

*Selection Ranks: published ranks indicate the lowest ATAR, including any adjustments applied through eligible admissions schemes, to which an offer was made to current school leavers as of 12 January 2018. Please refer to the UTS website for more info on selection ranks, ATARs and student profiles.*
## Course structure

<table>
<thead>
<tr>
<th>8 core IT subjects</th>
<th>15 core Law subjects</th>
<th>1 IT major (8 subjects)</th>
<th>Law electives (6 subjects)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communication for IT Professionals</td>
<td>Foundations of Law</td>
<td>Choose one IT major from the following:</td>
<td>Students may choose from a wide range of Law electives and may also undertake an exchange session overseas. See the handbook for more detail. <a href="http://handbook.uts.edu.au/it">handbook.uts.edu.au/it</a></td>
</tr>
<tr>
<td>Introduction to Information Systems</td>
<td>Torts</td>
<td>- Business Information Systems Management</td>
<td></td>
</tr>
<tr>
<td>Programming Fundamentals</td>
<td>Contracts</td>
<td>- Data Analytics</td>
<td></td>
</tr>
<tr>
<td>Web Systems</td>
<td>Ethics Law and Justice</td>
<td>- Enterprise Systems Development</td>
<td></td>
</tr>
<tr>
<td>Business Requirements Modelling</td>
<td>Civil Practice</td>
<td>- Interaction Design</td>
<td></td>
</tr>
<tr>
<td>Database Fundamentals</td>
<td>Commercial Law</td>
<td>- Networking and Cybersecurity</td>
<td></td>
</tr>
<tr>
<td>Project Management and the Professional</td>
<td>Real Property</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Networking Essentials or Network Fundamentals</td>
<td>Remedies</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Public International Law</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Evidence</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Equity and Trusts</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Administrative Law</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Corporate Law</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Australian Constitutional Law</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Criminal Law and Procedure</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Combined degrees

Bachelor of Science in Information Technology, Bachelor of Creative Intelligence and Innovation

2018 Selection Rank*: 78.35
Duration: 5 years full-time
UAC code: 609565
UTS course code: C10327
CRICOS code: 0797578
Assumed knowledge: HSC (or international equivalent) Mathematics and any 2 units of English
Recommended Year 12 subjects: Mathematics Extension 1 and English Advanced
Professional recognition: Graduates are eligible to apply for professional-level membership of the Australian Computer Society

Build a brighter future with creative intelligence and innovation skills.

With a combined information technology and creative intelligence and innovation degree, you’ll gain a blend of technical knowledge underpinned by a philosophy of innovation and creativity that will help you turn ideas into reality. The creative intelligence competencies you’ll pick up should enable you to navigate a rapidly accelerating world of change.

Using multiple perspectives from diverse fields, it integrates a range of industry experiences, real-world projects and self-initiated proposals to provide you with the creative and entrepreneurial skills to address the problems, complex challenges and untapped opportunities tomorrow will bring.

WHY CHOOSE THIS COURSE?
This course focuses on high-level conceptual thinking and problem-solving practices that lead to the development of innovative, creative and entrepreneurial outcomes.

You will gain:
- strong technical skills in IT
- leading-edge capabilities that are highly valued in the globalised world, such as dealing with critical and creative thinking, invention, complexity, innovation, future-scenario building and entrepreneurship
- the ability to work on your own, across and between other disciplines

CAREERS
You will maximise your potential in your chosen profession by being a:
- creative thinker
- entrepreneur
- initiator of new ideas
- scenario planner
- global strategist
- open network designer
- sustainable futures innovator

This combined degree will help you develop the ability to identify and find solutions to some of the most complex issues that face many disciplines and society; these are highly sought after attributes in graduates.

*Selection Ranks: published ranks indicate the lowest ATAR, including any adjustments applied through eligible admissions schemes, to which an offer was made to current school leavers as of 12 January 2018. Please refer to the UTS website for more info on selection ranks, ATARs and student profiles.
<table>
<thead>
<tr>
<th>Course structure</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>8 core IT subjects</strong></td>
</tr>
<tr>
<td>- Communication for IT Professionals</td>
</tr>
<tr>
<td>- Introduction to Information Systems</td>
</tr>
<tr>
<td>- Programming Fundamentals</td>
</tr>
<tr>
<td>- Web Systems</td>
</tr>
<tr>
<td>- Business Requirements Modelling</td>
</tr>
<tr>
<td>- Database Fundamentals</td>
</tr>
<tr>
<td>- Project Management and the Professional</td>
</tr>
<tr>
<td>- Networking Essentials or Network Fundamentals</td>
</tr>
</tbody>
</table>

Choose one of the following: |
- Innovation Internship A |
- Industry Innovation Project |
- Creative Intelligence Capstone
Smarter futures start here
+ ADD THE DIPLOMA IN INNOVATION

Rather than building the skills for a specific career, the Diploma in Innovation is about preparing for the future of work. In fact, it responds directly to industry demand for graduates who can demonstrate inter- and transdisciplinary approaches in their professional practice. There’s an emphasis on entrepreneurial thinking, too; by the time you graduate, you’ll be ready to be an entrepreneur, serve entrepreneurial clients, or integrate entrepreneurial processes into your day-to-day work.

Our course content embraces the unlimited possibilities of the new world of work. Subjects include extensive studios on innovation and entrepreneurship, explorations of complexity and sustainability, and deep dives into concepts of frame innovation and futures thinking.

Interested? You can add the diploma to any UTS bachelor’s degree (excluding the BTi or BCII). What’s more, all your diploma subjects will be offered as winter and summer school intensives, so even though you’re adding an extra qualification, you’ll still graduate on time.

Gain a global outlook
+ ADD THE DIPLOMA IN LANGUAGES

Bring the world to your doorstep with a Diploma in Languages. Add this one-year diploma to your UTS degree to gain language and cultural skills, build your professional identity, and graduate with a range of capabilities that will prepare you for an international career. Language options include Chinese, French, German, Italian, Japanese, and Spanish.

No need to apply just yet – the diploma is available to students already studying an undergraduate or postgraduate coursework degree program at UTS, so sign up when you enrol. No matter what you study, the diploma can give your qualification an international edge.
Additional courses for international students

Bachelor of Science in Information Technology

Direct entry open to international students only

UAC code: 603201
UTS course code: C10148
CRICOS code: 040941A

Combine your degree with:
Bachelor of Business, see page 20
Bachelor of Arts in International Studies, see page 22
Bachelor of Laws, see page 24
Bachelor of Creative Intelligence and Innovation, see page 26

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

If you’re an international student, you have the option of completing the Bachelor of Science in IT with or without the Diploma in Information Technology Professional Practice. You’ll follow the course structure outlined on page 11 with a requirement to complete:
- 8 core IT subjects
- 1 IT major from a choice of 4 and,
- 8 electives.

You will gain:
- strong technical skills in IT
- skills in business analysis, problem solving, teamwork and communication
- exposure to real IT problems
- graduates with industry experience are highly sought after by employers
Women in Engineering and IT (WiEIT)

Inspire. Educate. Empower.

The Women in Engineering and IT (WiEIT) Program at UTS began in 1981 and is the longest running such initiative in Australia. It fosters a network of passionate females and males who are actively involved in the development of our next generation of young engineering and IT professionals.

WiEIT supports current students with connections that count.

LUCY MENTORING PROGRAM
Pair with an industry mentor and work together on an agreed project for 35 hours between May and October. This is a great opportunity to work closely with an industry mentor who can guide and prepare you for your own journey into the workforce. Open to female students in second year or above.

WOMEN IN ENGINEERING AND IT SESSION LUNCHES
Network with WiEIT members, staff and industry partners and hear about upcoming opportunities through the WiEIT program.

ZONTA WOMEN IN ENGINEERING AND IT AWARD
Zonta International is a leading global organisation of professionals empowering women worldwide through service and advocacy. Today, Zonta International has up to 30,000 members in over 1200 clubs in 67 countries. A $1,000 award is given to a student who continually engages with and inspires young women.

SYDNEY WOMEN IN ENGINEERING AND IT SPEAKERS PROGRAM (SWIEIT)
Join the WiEIT volunteers to become a SWIEIT speaker and encourage other young females to consider a future in Engineering or IT. Share why you decided to pursue engineering or IT and the extracurricular activities you have participated in throughout your time at university.

SUPPORT, REFERRAL AND INFORMATION
The WiEIT team are on hand to give you support, information and referrals to assist you on your journey. Drop into the WiEIT offices on Level 5 and meet the team.

wieit.uts.edu.au
“It kind of solidified why I was at university – learn the theory first, and then go and do amazing things in industry.”

SELINE HARDY
Graduate, Bachelor of Business, Bachelor of Science in Information Technology

A stumbling block in the second year of her course set Bachelor of Business, Bachelor of Science in Information Technology combined degree student Seline Hardy in a surprising new direction.

“In my second year, I was getting cold feet – what am I doing, where am I going, how did I get here?” she says.

As she floundered, a representative from the UTS Women in Engineering and IT (WiEIT) program reached out, offering Seline support and a place to study with other female students in her discipline.

“After a while, it started to become more of a formal relationship where I was volunteering with them, I got involved with the speakers’ program, I started doing bits and pieces in the office and then eventually it led to my first scholarship,” Seline says.

“They completely turned around my career.”

An internship with the Australian Computer Society followed, which opened the door to industry, surrounding Seline with likeminded professionals and giving her a deeper insight into how she could use her degree to access the sort of career she wanted.

“It made me realise that I didn’t really enjoy the theory, but the industry was where the reward was. It kind of solidified why I was at university – learn the theory first, and then go and do amazing things in industry,” she says.

Today, Seline is a senior business analyst at Westpac, working on major projects that test the theoretical and practical knowledge she gained during her time at UTS. Her experience with WiEIT shaped her career to such an extent that she is now a mentor with the UTS Lucy Mentoring Program, working with female students to share her experience of being a professional woman in the IT workforce.

“I never thought after having cold feet that the university would be there to support me, and now I have a career,” she says.

“I’m still asking myself: how did I get here?”
University life

To ensure you feel confident and supported, we offer help with housing, money, making friends, health, cultural issues and career development.

Here are just a sample of clubs and programs at UTS. You can check out the full list of programs and events to help you broaden your social network at uts.edu.au/current-students/university-life

PROGSOC
ProgSoc is a society established by students for students who have an interest in programming. Its main aim is to encourage programming within UTS and to enable its members to develop non-commercial software and collaborate with organisations who share an interest in programming.

progsoc.uts.edu.au

BIG
BiG is the student society for Information Technology at UTS and is now one of the leading social societies at the university, attracting members from a variety of courses and disciplines. BiG aims to provide all members with a variety of social and career-focused events.

utsbig.com.au

CYBER SECURITY SOCIETY
Boost your programming knowledge with exclusive workshops and study help sessions and learn how to defend against attacks through the techniques that attackers use. The Cyber Security Society aims to encourage personal and professional development and offers guidance and support to anyone with the interest to learn!

GLOBAL EXCHANGE*
The UTS Global Exchange program assists you to study overseas for one or two sessions at a UTS partner university. Most of our partners teach IT courses in English, while also providing you with the opportunity to study the local language.

uts.ac/UTSExchange

*Some international students might not be eligible to participate in this program. International students cannot go on exchange in their home country.

UTS BUILD
Beyond UTS International Leadership Development (BUILD) provides you with a range of opportunities to build leadership potential. BUILD takes you beyond your degree, providing the chance to explore social enterprise, sustainability and social justice. As part of BUILD you can participate in overseas volunteering, with most programs including a travel grant. On completion, the BUILD program will appear on your Australian Higher Education Graduation Statement (AHEGS).

build.uts.edu.au

HELPS
Higher Education Language and Presentation Support (HELPS) provides non-credited English language and academic literacy support to UTS students. Enhance your learning experience with individual and group support in a friendly and respectful environment.

uts.ac/HELPsProgram

UTS ROBOTICS SOCIETY
Discover everything robotics, from servos to software, and connect with likeminded students. Gain access to equipment, participate in robot building competitions, and receive support from industry.

utsroboticsociety.org

“At the Robotics Society we can give you an introduction to the field of robotics, provide you with the equipment and resources needed to design and build these robots and importantly introduce you to like-minded people. You have the chance to convert your imagination into a real thing which you can see and interact with!”

JACOB VARTANIAN
Bachelor of Engineering, Mechanical & Mechatronic
Scholarships

UTS rewards achievement and recognises those with motivation to succeed.

Submit your application to one, or more, of the below scholarships and let us help you on your way.

For commencing students (domestic) UTS offers a large range of scholarships to commencing and current students to further support career aspirations in Engineering and Information Technology.

For information on all scholarships and how to apply, please visit: uts.edu.au/scholarships

<table>
<thead>
<tr>
<th>Scholarship name</th>
<th>Awarded to</th>
<th>Student type</th>
<th>Course type</th>
<th>Benefit</th>
<th>Duration</th>
<th>Selection Rank*</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>BACHELOR OF INFORMATION TECHNOLOGY CO-OPERATIVE SCHOLARSHIP PROGRAM</td>
<td>Commencing students who have applied for the Bachelor of Information Technology. This is a fast-tracked undergraduate degree sponsored by industry. Recipients have the opportunity to participate in two six-month industry placements with two separate sponsoring organisations. Check UTS website for details.</td>
<td>Commencing</td>
<td>UG</td>
<td>$49,500 over 3 years</td>
<td>3 years</td>
<td>90+</td>
<td>Merit and Industry Placements</td>
</tr>
<tr>
<td>ENGINEERING AND IT DEAN’S SCHOLARSHIP</td>
<td>High achieving commencing students with the top Selection Rank* enrolled in a UTS Faculty of Engineering &amp; Information Technology undergraduate degree.</td>
<td>Commencing</td>
<td>UG</td>
<td>$10,000 per year</td>
<td>2 years</td>
<td>95+</td>
<td>Merit</td>
</tr>
<tr>
<td>INTECH BANK SCHOLARSHIP IN INFORMATION TECHNOLOGY*</td>
<td>Students commencing in the first year of the Bachelor of Science in Information Technology, Diploma in IT Professional Practice, including combined degrees. It is also open to non-current school leavers.</td>
<td>Commencing</td>
<td>UG</td>
<td>$5,000</td>
<td>1 year</td>
<td>80+</td>
<td>Equity</td>
</tr>
</tbody>
</table>

*Selection Ranks: published ranks indicate the lowest ATAR, including any adjustments applied through eligible admissions schemes, to which an offer was made to current school leavers as of 12 January 2018. Please refer to the UTS website for more info on selection ranks, ATARs and student profiles.

^Pending approval for 2019.
As a current student, you can apply for scholarships with:
- Challenger
- Ericsson
- John Hughes Memorial Scholarship
- NSW Government Data Analytics Centre
- Telstra
- Unilever
- And more!

Please visit uts.edu.au/scholarships to find out more about scholarships offered at UTS Engineering and IT.

- Selection Rank* score excludes adjustments
- Please refer to the Conditions of Award to confirm the Equity eligibility criteria for each applicable scholarship
- Co-op scholarships combine opportunities for practical work experience with sponsor organisations, in addition to financial support
- Application deadlines vary, with some scholarships for commencing students closing as early as June in the year before the study commences. Ensure you check the UTS website for closing dates.

### UNIVERSITY-WIDE SCHOLARSHIPS

UTS offers a range of scholarships to high achieving students and to assist students in need of financial assistance. Check online for more details at uts.edu.au/future-students/scholarships

**SCHOLARSHIPS FOR INTERNATIONAL STUDENTS**

<table>
<thead>
<tr>
<th>About</th>
<th>Value</th>
<th>Application deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td>Two scholarships per year are awarded to high achieving international students commencing the Bachelor of Engineering (Honours) or Bachelor of Engineering (Honours), Diploma in Professional Engineering Practice.</td>
<td>35% contribution to tuition fees for one session of full-time study.</td>
<td>For further information including eligibility criteria and application deadlines, please check online.</td>
</tr>
</tbody>
</table>

*Selection Ranks: published ranks indicate the lowest ATAR, including any adjustments applied through eligible admissions schemes, to which an offer was made to current school leavers as of 12 January 2018. Please refer to the UTS website for more info on selection ranks, ATARs and student profiles.*
TUITION FEES
Most domestic students will be studying in a Commonwealth Supported Place which means the Australian Government makes a contribution to the cost of your study while you pay a student contribution. If eligible, you can elect to pay your student contribution upfront or defer payment of your student contribution using HECS-HELP. Visit fees.uts.edu.au for more info.

For information on fees for international students visit uts.edu.au/international

Note: This guide is not intended for international students.

STUDENT SERVICES AND AMENITIES FEE
Students are required to pay a Student Services and Amenities Fee. This fee funds services and amenities at UTS such as social and cultural clubs, services for developing students study skills. UTS food, beverage and retail outlets [including a 10% discount for students], and the second-hand bookstore. If you’re an Australian citizen or on a humanitarian visa, this fee may be deferred through a government loan scheme called SA-HELP.

fees.uts.edu.au

SCHOLARSHIPS
UTS is proud to award a large number of scholarships to its students every year. Through providing scholarships, the university endeavours to reward achievement and recognise motivation to succeed. UTS is also committed to providing support to students experiencing financial hardship and/or other educational disadvantages. See page 33 for Scholarship specific to the Faculty of Engineering and IT.

uts.edu.au/scholarships

FINANCIAL ASSISTANCE
The UTS Financial Assistance Service can help students with practical and financial aspects of life at university. Local UTS students with ongoing and long-term low income can approach our financial assistance service for support with advocacy to Centrelink, information on HECS and FEE-HELP, loans and equity based scholarships and grants, and advice on budgeting. As a UTS student you may be eligible for an interest free student loan from UTS of up to $500 to assist with bills, rent, one-off living expenses and other costs, such as medical costs.

ssu.uts.edu.au/fassist

Applying to UTS

Hey there! Are you interested in applying to UTS?

Here at the University, we warmly welcome new students each session, and we’re excited that you might be joining our student community!

If you’re thinking about coming to study with us at UTS, here are a few things you’ll need to keep in mind:

ARE YOU A DOMESTIC STUDENT?
If you’re applying for an undergraduate degree at UTS, you’ll need to submit an online application through the Universities Admissions Centre (UAC) uac.edu.au

For domestic students, UAC applications open in August each year. On-time applications close at the end of September. You can still apply after this date, but remember that you will be charged a late fee.

If you’re an international student we recommend that you visit UTS International for information specific to international students applying to UTS. international.uts.edu.au

ELIGIBILITY
To be eligible to study at UTS, you’ll need to satisfy at least one of our minimum admission requirements. This means you must:

- have attained a full NSW HSC or equivalent with a Selection Rank* of 69 (excluding adjustments), or
- have completed TAFE TPC, Associate Diploma, AQF Diploma or Advanced Diploma, or
- have completed one year of tertiary studies (must be full time)

Check out the UTS website for full admission requirements uts.edu.au/future-students/undergraduate

CURRENT SCHOOL LEAVERS
If you’re just finishing Year 12, entry into an undergraduate program at UTS will be based on your Selection Rank* or IB results. If you’re completing your IB in a country other than Australia, you may be required to demonstrate your English language proficiency.

NON-CURRENT SCHOOL LEAVERS
If you’re not currently completing Year 12, we’ll consider your Selection Rank* or equivalent interstate rank, and any other tertiary studies you’ve done since you finished high school. In some cases, you might be eligible for credit recognition for those studies if they’re related to the UTS course you’re applying for. You can find out more about credit recognition by visiting uts.edu.au/credit-recognition

INDIGENOUS AUSTRALIANS
At UTS, we’re committed to increasing access to education for Aboriginal and Torres Strait Islander Australians, and we’ve great support systems in place to help you get here. These systems include: The Jumbunna Indigenous House of Learning which can provide you with specialised assistance with the UTS application process, or with getting into the Jumbunna Direct Entry Program or UNISTART pathway programs. These programs lead directly into undergraduate study at UTS, and they’ll help you build skills and confidence. For more information, visit uts.edu.au/future-students/indigenous

ENTRY SCHEMES
Need a boost to get into your chosen course? With a UTS entry scheme, you’re more than just a number. These schemes let us consider your circumstances beyond your Selection Rank* to increase your chances of success. Here’s how:

ENGINEERING AND IT QUESTIONNAIRE
Did you know you can support your UAC application with the Engineering & IT Questionnaire? If you fall short of the Selection Rank* score by 1-3 points, we will still consider your application if you complete the questionnaire and demonstrate a strong motivation to study engineering or IT. Spend 20 minutes completing the Engineering & IT Questionnaire, and give yourself the best chance to get into your preferred course at UTS. eng-questionnaire.uts.edu.au

YEAR 12 SUBJECT ADJUSTMENTS
If you’ve just completed high school and you’ve performed well in HSC subjects that relate to your chosen UTS degree, you could be eligible for extra points to be considered in addition to your Selection Rank*.

INPUTS EDUCATIONAL ACCESS SCHEME (EAS)
Educational disadvantage doesn’t have to be the end of your uni dream – in fact, it can be the beginning. inpUTS is for current school leavers or students with existing tertiary qualifications who have experienced – or are experiencing – difficult family, personal or financial circumstances. You can get a 10-point concession on the entry cut-off for any UTS course, provided you meet the minimum eligibility requirements (listed above) – this includes a minimum Selection Rank* of 69 (80 for law).

SCHOOLS RECOMMENDATION SCHEME (SRS)
At UTS, we value potential. This scheme is for students who’ve got what it takes to succeed at uni, but might not receive an offer based on Selection Rank* or inpUTS alone. To be considered, you’ll have to demonstrate financial hardship or school environment (SO1E or SO1C), and achieve a minimum Selection Rank* of 69 (80 for Law). You’ll also have to submit both an EAS application for financial hardship and an SRS application via UAC.

ELITE ATHLETES AND PERFORMERS SPECIAL ADMISSIONS SCHEME
Elite-level performance can impact your studies – which is why we’ve created a special admissions scheme for athletes and entertainers. If you’ve competed in sport at a national level, or you’ve been involved in extensive or significant productions in Australia or overseas, you may be eligible to receive adjustments.

For more information on UTS entry schemes, visit undergraduate.uts.edu.au/entryschemes

*Your Selection Rank is your ATAR plus any adjustment points that you may qualify for through a UTS admission scheme.
ADMISSION PATHWAYS
Didn’t get the Selection Rank* for the course you want? Can’t find an entry scheme that helps get you across the line? Don’t worry, you’ve got other options.

Find out about admission pathways at undergraduate.uts.edu.au/pathways

ENGLISH LANGUAGE REQUIREMENTS
If your prior education was not conducted in English, you must have successfully completed one of the following English language tests or programs within the last two years. Please see table below:

<table>
<thead>
<tr>
<th>Test</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>IELTS (Academic)</td>
<td>6.0 overall with a writing score of 6.0</td>
</tr>
<tr>
<td>TOEFL IBT</td>
<td>60-78 overall with a writing score of 21</td>
</tr>
<tr>
<td>AE5/AE6 (PASS)</td>
<td>AE5</td>
</tr>
<tr>
<td>PTE (Academic)</td>
<td>50–57</td>
</tr>
<tr>
<td>CAE</td>
<td>169-175</td>
</tr>
</tbody>
</table>

CONTACT US

Domestic Students
Phone: 1300 ASK UTS (1300 275 887)
Online inquiry: ask.uts.edu.au
Email: feit@uts.edu.au
Web: it.uts.edu.au/future

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

Student Centre
235 Jones Street,
Building 10, Level 2
PO Box 123
Broadway NSW 2007
Australia

NO.1
Check out our reinvented campus and discover why we’re ranked Australia’s #1 young* uni
