AUSTRALIA’S NEWEST CAMPUS

OUR REINVENTED CAMPUS IS NOW READY, WITH THREE NEW BUILDINGS AND A HOST OF WORLD-CLASS FACILITIES. VISIT US TO SEE WHY UTS IS AUSTRALIA’S MOST INNOVATIVE CAMPUS.

UTS OPEN DAY

SATURDAY 29 AUGUST 2015
City campus, 9am – 4pm
Register online at openday.uts.edu.au

UTS: COURSES & CAREERS 2016

BUSINESS
COMMUNICATION
CREATIVE INTELLIGENCE & INNOVATION
DESIGN, ARCHITECTURE & BUILDING
EDUCATION
ENGINEERING
HEALTH
INFORMATION TECHNOLOGY
INTERNATIONAL STUDIES
LAW
SCIENCE
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### 2015 ATAR CUT-OFFS

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#### COMMUNICATION Page 24-25

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#### EDUCATION Page 24-25

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#### DESIGN, ARCHITECTURE & BUILDING Page 36-38

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#### HEALTH Page 36-38

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#### INFORMATION TECHNOLOGY (Page 36-39)

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**Note:**
- Courses are under review and may change or discontinue in 2016. Please consult the UTS website for updates.
- IB ranks are subject to change. See www.uac.edu.au for full time and part time details.
Recent campus developments have resulted in UTS having the most innovative campus in the country.

WHY UTS?

**A CREATIVE SPACE**

Benefit from the opportunities created by being in a precinct that contains 70% of Sydney’s creative and digital industries. The City of Sydney’s latest employment data shows that our neighbourhood, the Pyrmont-Ultimo precinct, benefited from a 252% growth in workers servicing the digital economy. The precincts in and around Surry Hills and Glebe enjoyed strong growth in creative-industry workers.

**EXPERIENCE BASED LEARNING**

UTS courses are renowned for their experience-based approach. You’ll gain hands-on experience both in the classroom and in industry as you access industry-standard facilities, engage with real-life scenarios, and undertake internship opportunities. This ensures you’ll be confident entering the workforce and makes you more attractive to employers.

**INDUSTRY NETWORKS**

UTS’s strong industry links help you develop your skills, gain valuable experience and make contacts to boost your career opportunities. Benefit from industry-run competitions and develop solutions to real business problems. You’ll also learn from teachers who are themselves experts in their field.

**WE’RE YOUNG AND BRIGHT**

2014 saw UTS climb considerably in all three major international rankings; the only Australian university to have done so. We’re currently rated Sydney’s top young university by QS for high performance in research, graduate employability, teaching quality and infrastructure. We also joined a prestigious group of top 250 ranked universities in the world in the Times Higher Education’s rankings, jumping up more than 100 places. Not bad for a university that’s only 25 years old.

---

**FOLD OUT FOR ATAR CUT OFFS**

UTS Fashion Show.
Student work: Sophie Sproats
Photographer: Daniel Gurton

UTS IS THE ONLY AUSTRALIAN UNI TO HAVE IMPROVED IN ALL THREE MAJOR INTERNATIONAL RANKINGS IN THE LAST TWO YEARS†

GAIN A GLOBAL OUTLOOK

UTS has one of the largest international programs in Australia, aspiring to send 1 in 4 of our students on an international experience, including short-term and semester long programs.

GRADUATE WITH EXPERIENCE

All UTS students are encouraged to gain work experience while they study. In fact, most of our courses involve compulsory practical placements. This means you’ll gain experience and confidence even before you graduate.

ABOUT UTS: WHY UTS?

ACCESS INDUSTRY STANDARD FACILITIES

At UTS you’ll be exposed to the latest technology and equipment used in industry. Be confident knowing that your learning and the equipment you’re using will be relevant and up-to-date when you enter the workplace.

STUDY IN SYDNEY’S CITY UNI

UTS is located in the heart of Sydney, next to the CBD and a short walk to Central station. Our campus forms part of a vibrant and fast-changing precinct in Sydney’s southern CBD.

TOP 250 UNI’S IN THE WORLD

Times Higher Education World Uni Rankings 2014/2015
UTS now has the most innovative campus in Australia, with a series of new buildings and major upgrades already completed as part of our $1.2 billion City Campus Master Plan. The master plan is not just new buildings: we’re creating a whole new uni experience using sustainable design to shape the way you learn.

**ALUMNI GREEN**

This newly opened Alumni Green forms a vibrant city space inspired by some of the world’s great public spaces.

**ENGINEERING & IT BUILDING**

With its unique binary screen design this newly opened building is home to the Faculty of Engineering and Information Technology.

**DR CHAU CHAK WING BUILDING**

The new home to the UTS Business School is the first Australian structure designed by world-acclaimed architect Frank Gehry.
OUR NEIGHBOURHOOD

UTS’s City campus is located in the heart of Sydney, next to the CBD and a short walk to Central Station. The City campus also forms part of a vibrant and fast-changing precinct in Sydney’s southern CBD, our nation’s creative industries hub. A number of major developments have and continue to transform this part of the city, including Central Park on Broadway, Chippendale Green and the new Goods Line, set to become one of Sydney’s great public spaces.

WHAT YOU DIDN’T KNOW ABOUT THE CITY CAMPUS MASTER PLAN?

> We’re investing $1.2 billion over a ten year period to reinvent our City campus
> It will fundamentally alter the way UTS does teaching, learning and research
> We’ll be adding the equivalent of six football fields of floor space to the campus

SCIENCE AND GRADUATE SCHOOL OF HEALTH BUILDING

With its new ‘Super Lab’, forensic science and health labs, MRI and CT scan imaging suites and much more, this building revolutionises the way science is taught at UTS.

MULTI-PURPOSE SPORTS HALL

Located under the Alumni Green, the hall is home to an indoor sports court, tutorial rooms, gym and dance studio.

ABOUT UTS: YOUR FUTURE CAMPUS

UTS’s City campus is located in the heart of Sydney, next to the CBD and a short walk to Central Station. The City campus also forms part of a vibrant and fast-changing precinct in Sydney’s southern CBD, our nation’s creative industries hub. A number of major developments have and continue to transform this part of the city, including Central Park on Broadway, Chippendale Green and the new Goods Line, set to become one of Sydney’s great public spaces.
WORLD-CLASS FACILITIES

The UTS campus is home to a number of world-class facilities, creating an innovative and industry relevant learning environment for our students, as well as a place to enable research and engage industry networks. In addition to award-winning labs, multimedia teaching and collaborative spaces, UTS is also home to some of the latest technologies. Here are just a few examples.

DATA ARENA
This immersive and interactive 3D visualisation facility will be located in the Engineering and IT Building. It will be used to create 360-degree visuals and 3D glasses, worn by viewers, will add to the immersive nature of the presentations. The Data Arena is the most advanced facility of its kind in Australia for its projection, screen resolution and sound.

CREATIVITY AND COGNITION STUDIO
The Creativity and Cognition Studio (CCS) is internationally recognised. It conducts research into new sensing technologies and generative media systems.

UTS HEALTH LABS
Cutting-edge simulation technologies found across 16 purpose-built labs simulate hospital settings. These facilities allow students to learn in the most highly developed nursing, midwifery and paediatric laboratories on the east coast of Australia.
SUPER LAB
One of only two in Australia, it can accommodate up to 200 students and run a number of classes from different disciplines simultaneously utilising leading technology and educational design.

LIBRARY RETRIEVAL SYSTEM
Second of its kind in Australia, the UTS Library Retrieval System (LRS) is an underground storage facility for up to 900,000 items from the university’s physical collection.

SUPER RESOLUTION IMAGING SYSTEM
UTS is home to the world’s first system for studying the cell biology of living microorganism at super resolution. The DeltaVision OMX Blaze facilitates research into the behaviour of infectious diseases.

COLLABORATIVE THEATRES
Gone are the days of giant, tiered lecture theatres. New collaborative theatres in the Engineering and IT Building and Dr Chau Chak Wing Building will facilitate multiple forms of engagement including lecture presentations, collaborative group work and technology-enabled activities.

INDUSTRY-STANDARD MOTION CAPTURE (MOCAP) LAB
Used in the schools of Design and IT, the MoCap Lab allows students to use the same world-class system as leading animation production companies worldwide. The lab captures human movement with a series of cameras, encoding this information as digital data. This data allows animators to produce characters with life-like movement.
INTERNATIONALISE YOUR UNI EXPERIENCE

Broaden your way of thinking and join the hundreds of UTS students to open the door to adventure and wider career opportunities.

UTS HAS ONE OF THE LARGEST INTERNATIONAL EXCHANGE PROGRAMS IN AUSTRALIA, ASPIRING TO SEND 25% OF OUR STUDENTS ON AN INTERNATIONAL EXPERIENCE. THIS INCLUDES SHORT-TERM AND SEMESTER LONG PROGRAMS.

THE AMERICAS
- Argentina
- Canada
- Chile
- Colombia
- Costa Rica
- Latino USA
- Mexico
- Peru
- United States

DEGREE IN INTERNATIONAL STUDIES
Each year over 200 UTS students spend a year overseas studying in another language at one of our partner universities as part of UTS’s unique Bachelor of Arts in International Studies degree. See page 40 or visit www.internationalstudies.uts.edu.au

STUDENT CLUBS
Many of UTS’s student clubs have an international focus. For example, join the AIESEC club and get involved in international extracurricular opportunities ranging from six weeks to 18 months. www.activateuts.com.au

LEARN A LANGUAGE
Add on the new Diploma in Languages to your degree. Open to students studying all degrees at UTS, you’ll learn both a language and corresponding culture. See page 41 or visit www.internationalstudies.uts.edu.au
**ABOUT UTS: INTERNATIONALISE YOUR UNI EXPERIENCE**

**GLOBAL EXCHANGE**
Experience university (and life) overseas as you join the 500 students who go on exchange every year at UTS. For most degrees, students have the chance to study overseas for up to two semesters in one of 40 countries on offer.

www.global-exchange.uts.edu.au

**INTERNATIONAL CHOICES**

**EUROPE**
- Denmark
- Finland
- France
- Germany
- Hungary
- Ireland
- Israel
- Italy
- Norway
- Netherlands
- Poland
- Portugal
- Slovenia
- Spain
- Sweden
- Switzerland
- United Kingdom

**ASIA**
- China
- India
- Indonesia
- Japan
- Republic of Korea
- Kuwait
- Malaysia
- Philippines
- Singapore
- Thailand
- Taiwan
- Turkey

**STUDY OVERSEAS**
Many UTS courses and subjects allow you to take part in an overseas practicum allowing you to earn course credit while you apply the skills you’ve learnt at UTS in a global setting.

**EXPAND YOUR NETWORKS**
Develop your skills, broaden your horizons and hone your leadership potential with the UTS BUILD program. Be inspired by industry and community leaders, create networks and take your learning beyond the classroom. International projects include field trips, internships, experiential programs, study tours and volunteering.

www.ssu.uts.edu.au/beyonduuts

**GLOBAL EXCHANGE**
Experience university (and life) overseas as you join the 500 students who go on exchange every year at UTS. For most degrees, students have the chance to study overseas for up to two semesters in one of 40 countries on offer.

www.global-exchange.uts.edu.au

**Photo:** Alessandro Belgiorno-Nnettis
GET YOUR BEARINGS
Kick off uni with O’Week – it’s your chance to really discover our campus, get a feel for uni life, and, most importantly, meet people before classes start.
www.orientation.uts.edu.au

CITY LIVING
Live in the city with UTS Housing. Opt for a private studio apartment or shared apartment. Meet new people and make the most of uni life.
www.housing.uts.edu.au

JOIN A CLUB
Become a member of one of the many clubs and societies on campus. Be it skiing, debating, politics or chocolate appreciation...there’s something for everyone. And if the gyms more to your liking you can join ActivateFit on Harris for some boxing or work on your inner zen in a yoga class.
www.activateuts.com.au
GIGS AND CAMPUS EVENTS
ActivateUTS hosts more than 50 major campus events every year, from O’Fest to Oktoberfest. With two bars and many food venues on campus, there’s always a place to grab a post-class drink and pizza, and catch some live music or stand-up comedy.

www.activateuts.com.au

FIND WORK AND MEET INDUSTRY
The UTS Careers Service offers free careers advice to all UTS students and organises regular industry talks, as well as the annual Careers Fair. The StudentJobs@UTS program helps students find jobs on campus.

www.careers.uts.edu.au

NEED SOME SUPPORT?
UTS provides students with help on almost any aspect of their lives, from financial problem-solving to housing assistance and academic advice. We also offer tailored support for students with disabilities.

www.ssu.uts.edu.au

The Jumbunna Indigenous House of Learning is a culturally safe student centre for all Indigenous students – with services such as study and learning assistance, advocacy, and much more.

www.jumbunna.uts.edu.au

STUDENTS’ ASSOCIATION
Run by students for students, the Students’ Association is an independent and democratic organisation whose members are voted in by UTS students. Services include free academic advice, peer tutoring, clubs, the student magazine Vertigo, and the award winning Bluebird Brekkie Bar (pictured above), a weekly free breakfast service for UTS students.

www.sa.uts.edu.au
WE OFFER:

> The flexibility of 11 majors and over 30 sub-majors, as well as four extended majors for highly specialised study, within the Bachelor of Business.

> An innovative first-year Bachelor of Business subject, Integrating Business Perspectives (IBP), which leads students through the early concept stage of designing a new business. IBP provides a space for you to develop your creativity and foster confidence in your ideas around sustainable business practices.

> The chance to broaden or specialise your degree by combining it with Biotechnology, Engineering, Medical Science, IT, Law, Science, Creative Intelligence and Innovation or International Studies.

> The Bachelor of Accounting Scholarship program – a fast-track, full scholarship (valued up to $46,500) co-operative degree, partnered by leading Australian and multinational companies.

> Accreditation by the Association to Advance Collegiate Schools of Business (AACSB International), a mark of quality earned by a select few business schools worldwide.

> A unique Business Design and Innovation stream within the Bachelor of Management, which gives you the ability to make strategic, well designed, entrepreneurial decisions.
## COURSES IN BUSINESS

<table>
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<tr>
<th>COURSE NAME</th>
<th>COURSE DESCRIPTION</th>
<th>CAREER OPTIONS</th>
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<td><strong>BACHELOR OF ACCOUNTING</strong></td>
<td>Duration: 3 yrs FT 2015 ATAR: N/A*</td>
<td>Career options include: Accountant, accountants officer, business analyst, business manager, financial controller, tax specialist, taxation manager/advisor.</td>
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<td></td>
<td>* The Bachelor of Accounting is a Co-Operative Scholarship course. Selection is based on a combination of ATAR and interview.</td>
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<tr>
<td></td>
<td>This course is a co-operative education program in accounting. An intensive degree offered in conjunction with major employers, it allows students to complete a compulsory major in accounting and receive a scholarship as well as full-time industry experience. This is a scholarship degree for current school leavers. Special application and selection procedures apply.</td>
<td></td>
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<tr>
<td><strong>BACHELOR OF BUSINESS</strong></td>
<td>Duration: 3 yrs FT / 6 yrs PT 2015 ATAR: 90.00 (FT) / 90.00 (PT)</td>
<td>Career options include: Account manager, accountant, advertising officer, commercial analyst, employee relations coordinator, events coordinator/manager, financial controller, market analyst, marketing coordinator/manager, payroll officer, policymaker, product manager, public relations coordinator/manager, recruitment officer/manager, social media advisor, sports administrator, stockbroker.</td>
</tr>
<tr>
<td></td>
<td>This course provides students with a sound background in all areas of business through a common set of core subjects, in addition to in-depth knowledge in one or more chosen majors. The degree equips students with the knowledge, competencies and values necessary to develop creative, critical, analytical and evaluative skills essential for a successful and rewarding career in business.</td>
<td></td>
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<tr>
<td><strong>BACHELOR OF MANAGEMENT</strong></td>
<td>Duration: 3 yrs FT / 6 yrs PT 2015 ATAR: 80.00</td>
<td>Career options include: Depending on the major chosen, students can graduate to careers as an event coordinator, convention coordinator, sports marketing officer, sports administrator, tourism marketing coordinator, tourism business researcher.</td>
</tr>
<tr>
<td></td>
<td>This course provides students with a broad introduction to key managerial concepts, immersion into initiative entrepreneurial thinking, and a choice of 3 key industry majors in events, tourism and sport business management.</td>
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</tbody>
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**FT = Full time / PT = Part time**

### COMBINED DEGREES

**BACHELOR OF BUSINESS**
- B Biotechnology, B Business
- B Business, B Creative Intelligence and Innovation
- B Business, BA International Studies
- B Business, B Laws
- B Business, B Science in Information Technology
- B Engineering (Hons), B Business
- B Medical Science, B Business
- B Science, B Business

**BACHELOR OF MANAGEMENT**
- B Management, BA International Studies

**FOR ATARS SEE FRONT PULL-OUT**
A PRACTICAL UNI EXPERIENCE

Want your degree to be practice-oriented? Here are just some of the options available to you when you study with UTS Business School.

> Complete a compulsory capstone subject for each major during your final year in the Bachelor of Business. This allows you to add to your theoretical understanding via industry-based case scenarios.

> The internship subject within the Bachelor of Business degree enables you to gain relevant work experience while completing your degree. This gives you invaluable insight into industry, and also provides employers with an opportunity to recruit and trial prospective graduate employees.

> Gain 240 hours of professional practice in the Bachelor of Management degree with a professional internship in your final year.

> Complete two compulsory six-month industry placements with leading companies as part of your Bachelor of Accounting degree.

> UTS Business School hosts a number of guest industry lecturers each year, giving you the chance to gain industry insight and network.

“My internship in Fairfax Media’s Consumer Marketing department gave me experience in copywriting, ad booking and website traffic reporting. I was also involved in planning an event for the Rebel Run Sydney, gaining experience setting a budget to coordinate various aspects of the event. My internship has given me an insight into the media and marketing industry and the experience to secure a graduate role.”

Taylah Harb
Bachelor of Business

Taylah completed a 3-month internship at Fairfax Media as part of an internship linked to the Bachelor of Business subject - Business Internship. This subject gives UTS students the opportunity to get involved in real-life projects as part of their degree.
Career options include:

- Account manager
- Accountant
- Business analyst
- Commercial analyst
- Economist
- Employee relations coordinator/manager
- Events coordinator/manager
- Festival organiser
- Financial controller
- International trader
- Marketing coordinator/manager
- Policy advisor/manager
- Product manager
- Tax specialist

**CAREER SNAPSHOT**

Maile Carnegie  
Managing Director  
NZ/Australia, Google  
Bachelor of Business

**MANAGING DIRECTOR**

I graduated with a Bachelor of Business in 1991. I chose to study at UTS because I liked the more practical nature of the course. It had more opportunities to work on real business problems. I also liked that you graduated “job-ready,” meaning that I was well placed to get off to a fast start when I moved into my graduate role.

A typical career path for someone with my qualifications is quite diverse. I studied finance and economics, as well as a marketing major, so I was able to interview for everything from finance to marketing roles.

In my role as Managing Director of Google in Australia and New Zealand, I am responsible for ensuring that Google’s products and services are looking after everyday Aussies and Kiwis, that our search results give them what they’re looking for, that they find the content they love on YouTube, and that they’re getting the best mobile experience on Android devices. It’s also critical for us to help local businesses and communities take advantage of the digital revolution.

My advice to anyone considering a career in business would be to never stop learning. No other generation will face the same degree of change or need to reinvent their careers as frequently as you. Maintaining an open mind to learning will be critical.
WE OFFER:

> A range of majors to choose from including Journalism, Media Arts and Production, Public Communication, Social Inquiry, Creative Writing, Digital and Social Media, and Sound and Music Design.
> Superior production facilities including media production labs, video editing suites, sound and performance studios, and research labs.
> The option to take an industry work placement or project, providing you with practical experience in media, production, publishing, advertising or any other relevant area.
> Academic staff with current industry experience, knowledge and networking abilities, who teach one of the most in-demand programs in the country.
# COURSES IN COMMUNICATION

<table>
<thead>
<tr>
<th>COURSE NAME</th>
<th>COURSE DESCRIPTION</th>
<th>CAREER OPTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>BACHELOR OF ARTS IN COMMUNICATION (CREATIVE WRITING)</strong>*&lt;br&gt;Duration: 3 yrs FT&lt;br&gt;2015 ATAR: 73.00</td>
<td>Creative Writing at UTS is a practice- and disciplinary-based program focusing on narrative, poetic, reading and literary theory. This degree develops creative writing across several genres, fosters independent and professional writing skills via workshop and lecture study, and engages critically with the broader cultural context in which creative writing is produced and read.</td>
<td>Career options include: Editor, publisher, scriptwriter, literary agent, communication coordinator, arts and cultural administrator, copywriter, novelist, feature writer, publications officer, freelance writer, book marketing coordinator.</td>
</tr>
<tr>
<td><strong>BACHELOR OF ARTS IN COMMUNICATION (DIGITAL AND SOCIAL MEDIA)</strong>*&lt;br&gt;Duration: 3 yrs FT&lt;br&gt;2015 ATAR: 73.00</td>
<td>The rapidly evolving digital communications industries require practitioners who are technologically literate, culturally sophisticated, innovative and resourceful. This degree develops imaginative, synthetic and analytical capacities, as well as practical skills across diverse technological platforms.</td>
<td>Career options include: Digital and social media coordinator, communications officer, digital channels strategist, social media manager.</td>
</tr>
<tr>
<td><strong>BACHELOR OF ARTS IN COMMUNICATION (JOURNALISM)</strong>*&lt;br&gt;Duration: 3 yrs FT&lt;br&gt;2015 ATAR: 82.00</td>
<td>One of the most respected journalism degrees in the country, this course equips students with advanced research, writing, reporting and analytical skills for print, television, video, radio, audio and online media; and knowledge of the intellectual, ethical and political foundations of journalism.</td>
<td>Career options include: Reporter, producer, publisher, editor and sub-editor, feature and freelance writer, investigative journalist, media researcher, and strategist in print, broadcast and online media.</td>
</tr>
<tr>
<td><strong>BACHELOR OF ARTS IN COMMUNICATION (MEDIA ARTS AND PRODUCTION)</strong>*&lt;br&gt;Duration: 3 yrs FT&lt;br&gt;2015 ATAR: 80.10</td>
<td>This course explores the history, contemporary issues, theories and challenges of media and culture in society. Students develop sophisticated production skills in video, sound and new media, and enhance their creative innovation in these areas.</td>
<td>Career options include: Director, editor, film producer, cinematographer, sound designer, new media producer, production manager, scriptwriter, multimedia designer, radio producer, documentary maker, arts and cultural administrator, freelance media artist and producer.</td>
</tr>
<tr>
<td><strong>BACHELOR OF ARTS IN COMMUNICATION (PUBLIC COMMUNICATION)</strong>*&lt;br&gt;Duration: 3 yrs FT&lt;br&gt;2015 ATAR: 80.00</td>
<td>This course focuses on professional communication careers including public relations and advertising. Students develop professional skills in campaign design and production, copywriting, media liaison and writing, research and evaluation, sponsorship and event management.</td>
<td>Career options include: Communication strategist, public relations consultant, advertising account executive, media liaison officer, events coordinator, publicity officer, political media adviser, advertising copywriter, community relations manager and marketing communication specialist.</td>
</tr>
<tr>
<td><strong>BACHELOR OF ARTS IN COMMUNICATION (SOCIAL INQUIRY)</strong>*&lt;br&gt;Duration: 3 yrs FT&lt;br&gt;2015 ATAR: 73.00</td>
<td>This course brings together perspectives from history, politics, sociology, philosophy, cultural studies, political economy and anthropology, applying them to problems of social change. It equips students with the knowledge and skills to be involved in diverse organisations geared towards social justice.</td>
<td>Career options include: Political adviser, community historian, social researcher, community development worker, policy analyst, trade union official, media researcher, international aid worker, social welfare officer, community project manager and change agent in a range of social, cultural, historical and political arenas.</td>
</tr>
<tr>
<td><strong>BACHELOR OF SOUND AND MUSIC DESIGN</strong>&lt;br&gt;Duration: 3 yrs FT&lt;br&gt;2015 ATAR: 70.00</td>
<td>This course offers a unique, contemporary sound and music degree experience by merging art and technology across domains of composition, entertainment and audio technology, as well as combining features of music and audio engineering with interaction design.</td>
<td>Career options include: Interactive media artist, installation artist, electronic music composer, product audio designer, software interface designer, e-fashion designer, new sonic interface designer, information system (sonification) designer and mobile/smart-phone and device audio interface designer.</td>
</tr>
</tbody>
</table>

**COMBINED DEGREES**

**INTERNATIONAL STUDIES**
- BA Communication (Creative Writing), BA International Studies
- BA Communication (Digital and Social Media), BA International Studies
- BA Communication (Journalism), BA International Studies
- BA Communication (Media Arts and Production), BA International Studies
- BA Communication (Public Communication), BA International Studies
- BA Communication (Social Inquiry), BA International Studies
- BA Sound and Music Design, BA International Studies

**CREATIVE INTELLIGENCE AND INNOVATION**
- BA Communication (Creative Writing), B Creative Intelligence and Innovation
- BA Communication (Journalism), B Creative Intelligence and Innovation
- BA Communication (Media Arts and Production), B Creative Intelligence and Innovation
- BA Communication (Public Communication), B Creative Intelligence and Innovation
- BA Communication (Social Inquiry), B Creative Intelligence and Innovation

**LAW**
- BA Communication (Creative Writing), B Laws
- BA Communication (Digital and Social Media), B Laws
- BA Communication (Journalism), B Laws
- BA Communication (Media Arts and Production), B Laws
- BA Communication (Public Communication), B Laws
- BA Communication (Social Inquiry), B Laws

For ATARS see front pull-out
A PRACTICAL UNI EXPERIENCE

Want a degree that’s practice-oriented? Here are just some of the options available to you with UTS:Communication.

> Research, produce and report stories for TV, radio, online and press as a UTS Journalism student, through UTS News Day.
> Complete a professional internship in your final year, gaining 80-100 hours of experience in your field of interest as a Public Communication student.
> Experience site visits, guest lectures, workshops and possible short-term work experience placements in your Professional Practice subject as a Sound and Music Design student.
> Choose the Professional Internship elective to experience the communication industry, blending theory and practice to develop your professional skills as a Communication student.
> Complete a media arts project to showcase your skills, adding to your professional portfolio of creative work you can show employers and clients when you graduate from Media Arts and Production.
> Undertake a workplace or community-based placement in your final year of Social Inquiry to put the thematic insights, research capabilities and communicative skills you’ve developed into practice.

“Having my student film featured at Oberhausen International Short Film Festival, the oldest international short film festival, and where George Lucas started his career, has accelerated my professional career in the media and production industries and opened new doors for taking my work abroad. From Oberhausen I’ve been contacted by film selectors who were in the audience, looking to feature the film in Berlin and throughout Austria.”

**Thomas Grainger**
Bachelor of Arts in Communication (Media Arts and Production), Bachelor of Arts in International Studies

Thomas produced the film ‘Forty Seven Point Zwei’, which was featured in Oberhausen International Short Film Festival, for his final year major project. Produced over a two-month period, Thomas also created an original soundtrack using software that he learnt in his degree.
JOURNALIST

I graduated from a Bachelor of Arts in Communication (Journalism) and International Studies in 2011. I chose to study at UTS because the degree offers real-world practical experience that prepared me for the work as a journalist and is taught by people who work in the field.

The career path for someone with my qualifications would be to work in the media. You could work as a print, online, TV or radio journalist or even as a producer.

In my role as a journalist at triple j I produce the morning's news bulletins, choosing the stories that matter most to our listeners, who are young people across Australia. I read the news live on air every half hour during the morning timeslot. I also write and research news stories, conduct interviews and attend editorial meetings. The best part of my job is the thrill of reporting the 'breaking news'. I get a rush from putting an important story to air and being one of the first to share that information with people across the country.

My advice to anyone considering working in journalism is, go for it! If you have a curious mind then this is a great industry to work in. You get to ask questions for a living, meet fascinating people and tell their stories.
WE OFFER:

> Opportunities to advance your career and give your professional degree a leading edge with the unique Bachelor of Creative Intelligence and Innovation.

> The development of the knowledge and skills that enable you to think creatively and critically, to take risks and the ability to identify and develop solutions to some of the most complex problems of today’s world.

> Practical experience with internship opportunities available in the final year of study.

> The chance to equip yourself with a unique skill-set, developing your ability to change existing industries and practices, create new industries and form start-ups or build your own professional career.

> A transdisciplinary approach to learning to enable you to develop new forms of thinking by collaborating with students and staff from diverse study areas such as business, journalism, engineering, architecture and more.

> The opportunity to maximise the potential of your chosen profession, to become an individual creative thinker, communicator and team player.

> An accelerated learning program, where subjects are undertaken during Winter and Summer School, which includes two-three weeks between each semester, and one year of full-time study at the end of your professional degree.

> A course designed for radical thinkers and high performing students. This course will test and push the boundaries of creative practice and design-led innovation.
**BACHELOR OF CREATIVE INTELLIGENCE AND INNOVATION**

**Duration:** Creative Intelligence and Innovation subjects are undertaken during Winter and Summer sessions, and one year of full-time study at the end of your professional degree.

**2015 ATAR:** The Bachelor of Creative Intelligence and Innovation cannot be undertaken alone but must be combined alongside one of 18 core degrees. See below for a full course listing.

The Bachelor of Creative Intelligence and Innovation is only offered as a combined degree. Students can combine this degree with 18 degrees from across all UTS faculties. See the full list below. Students focus on the high-level conceptual thinking and problem-solving practices that lead to the development of innovative, creative and entrepreneurial outcomes. Students of the combined degree also gain leading edge capabilities that are highly valued in the globalised world, including dealing with critical and creative thinking, invention, innovation, future scenario building and entrepreneurship, and the ability to work across other disciplines. These creative intelligence competencies enable graduates to navigate across a rapidly accelerating world of change.

**COURSES IN CREATIVE INTELLIGENCE AND INNOVATION**

<table>
<thead>
<tr>
<th>COURSE NAME</th>
<th>COURSE DESCRIPTION</th>
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<tbody>
<tr>
<td>BACHELOR OF CREATIVE INTELLIGENCE AND INNOVATION</td>
<td>The Bachelor of Creative Intelligence and Innovation is only offered as a combined degree. Students can combine this degree with 18 degrees from across all UTS faculties. See the full list below. Students focus on the high-level conceptual thinking and problem-solving practices that lead to the development of innovative, creative and entrepreneurial outcomes. Students of the combined degree also gain leading edge capabilities that are highly valued in the globalised world, including dealing with critical and creative thinking, invention, innovation, future scenario building and entrepreneurship, and the ability to work across other disciplines. These creative intelligence competencies enable graduates to navigate across a rapidly accelerating world of change.</td>
<td>Career options are determined by the professional component of this degree. In combining a degree with Bachelor of Creative Intelligence and Innovation, students gain the skills to be creative thinkers, initiators of new ideas, scenario planners, global strategists, open network designers or sustainable futures innovators within their chosen field of study. Graduates maximise the potential of their chosen profession, making them highly sought after graduates with the ability to identify and develop solutions to some of the most complex issues that face their disciplines and society.</td>
</tr>
</tbody>
</table>

**COMBINED DEGREES**

- B Business, B Creative Intelligence and Innovation
- BA Communication (Creative Writing), B Creative Intelligence and Innovation
- BA Communication (Journalism), B Creative Intelligence and Innovation
- BA Communication (Media Arts and Production), B Creative Intelligence and Innovation
- BA Communication (Public Communication), B Creative Intelligence and Innovation
- BA Communication (Social Inquiry), B Creative Intelligence and Innovation
- B Design in Architecture, B Creative Intelligence and Innovation
- B Design in Fashion and Textiles, B Creative Intelligence and Innovation
- B Design in Integrated Product Design, B Creative Intelligence and Innovation
- B Design in Interior and Spatial Design, B Creative Intelligence and Innovation
- B Design in Visual Communication, B Creative Intelligence and Innovation
- B Engineering (Hons), B Creative Intelligence and Innovation
- B Laws, B Creative Intelligence and Innovation
- B Midwifery, B Creative Intelligence and Innovation
- B Science, B Creative Intelligence and Innovation
- B Science in Information Technology, B Creative Intelligence and Innovation
- B Sport and Exercise Science, B Creative Intelligence and Innovation

"The BCII is for students who dream of a university education that’s profoundly transformational. For those curious, creative and spirited students who believe that they can make a difference, and want a grounding in the practices and methods that are transforming the workforce of tomorrow so that they can be at the forefront of those changes."

**Dr Bem Le Hunte**
Course Director, Bachelor of Creative Intelligence and Innovation
WE OFFER:

- Opportunities to gain industry experience while you study through internships, collaborations and global field trips.
- Progressive lecturers at the forefront of their industries, many with international recognition for their work.
- State-of-the-art facilities including upgraded, expanded teaching and learning spaces.
- Courses regularly reviewed by industry advisory committees to ensure students are up-to-date with industry practice.
- The chance to win national and international awards for your project work.
- Accreditation with industry bodies such as the Royal Institution of Chartered Surveyors (RICS) for the Bachelor of Property Economics and the Bachelor of Construction Project Management and the Australian Institute of Architects for the Bachelor of Design in Architecture.

COURSES IN DESIGN, ARCHITECTURE & BUILDING

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<tr>
<th>COURSE NAME</th>
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<tbody>
<tr>
<td>BACHELOR OF DESIGN IN ANIMATION</td>
<td>In this course, students learn the fundamentals of animation performance, narrative, characterisation, form, motion, time, space and aesthetics, and explore and create new approaches to 2D and 3D animation and VFX (visual effects) design.</td>
<td>Career options include: Director, producer, concept artist, production designer, art director, character designer, animator, motion capture designer, lighting designer, matchmover/3D tracker, effects [FX] animator, roto designer, compositor, stop frame model animator (claymation) and animation script writer.</td>
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<tr>
<td>Duration: 3 yrs FT</td>
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<td>2015 ATAR: 84.40</td>
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<tr>
<td>BACHELOR OF DESIGN IN ARCHITECTURE</td>
<td>This course is oriented towards international practice and design experimentation. Teaching is hands-on, using the most innovative digital design and fabrication technologies available to the architectural profession in dedicated studios and workshops.</td>
<td>Career options include: Architect, urban designer, educator, journalist, landscape architect, researcher and policy maker.</td>
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<tr>
<td>Duration: 3 yrs FT</td>
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<td>2015 ATAR: 95.40</td>
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### COURSE NAME

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<thead>
<tr>
<th>BACHELOR OF DESIGN IN FASHION AND TEXTILES</th>
<th>COURSE DESCRIPTION</th>
<th>CAREER OPTIONS</th>
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<tbody>
<tr>
<td>Duration: 3 yrs FT 2015 ATAR: 90.70</td>
<td>This course provides students with the knowledge and skills in creative design, technical applications and critical theory to enter fashion and textile design and its related industries. The course provides a strong theoretical basis for the production of original, challenging designs in studio-based practical subjects.</td>
<td>Career options include: Fashion or textile designer, buyer, fashion editor, illustrator or stylist. Some students start their own business, while others work within an established company.</td>
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<tr>
<th>BACHELOR OF DESIGN IN INTEGRATED PRODUCT DESIGN</th>
<th>COURSE DESCRIPTION</th>
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<tbody>
<tr>
<td>Duration: 3 yrs FT 2015 ATAR: 80.00</td>
<td>This course provides students with the foundation to design products that are functional, manufacturable and sustainable. It covers the visual and tactile qualities of products, as well as their function, ergonomics and manufacture, and their effect on the environment and society.</td>
<td>Career options include: Design consultant, corporate or in-house designer, production designer or manager across industries including automobile, electrical goods, furniture, packaging, storage systems, household products, lighting fixtures, industrial materials, and medical and scientific equipment.</td>
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<tr>
<th>BACHELOR OF DESIGN IN INTERIOR AND SPATIAL DESIGN</th>
<th>COURSE DESCRIPTION</th>
<th>CAREER OPTIONS</th>
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</thead>
<tbody>
<tr>
<td>Duration: 3 yrs FT 2015 ATAR: 81.25</td>
<td>With a strong emphasis on creativity and technology, this course is the first university program of its kind in Australia. Students develop spatial intelligence and excellence in design practice. The program fosters a creative and explorative attitude toward the design process, underpinned by a reflective and critical engagement.</td>
<td>Career options include: Commercial/residential interior designer, event designer, exhibition, museum and interaction designer, researcher, theatre set designer, designer in film and television production, virtual world designer.</td>
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<thead>
<tr>
<th>BACHELOR OF DESIGN IN LANDSCAPE</th>
<th>COURSE DESCRIPTION</th>
<th>CAREER OPTIONS</th>
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</thead>
<tbody>
<tr>
<td>Duration: 4 yrs FT 2015 ATAR: 84.50</td>
<td>This course equips graduates with critical thinking, creativity and the skills to engage across the expanded field of landscape architecture. It includes a strong emphasis on visual communication, professional skills and the integration of technical and landscape requirements for contemporary urban contexts.</td>
<td>Career options include: Landscape architect, urban designer, conservation/land management officer, designer, researcher or policy maker, project manager, journalist, disaster relief and international aid.</td>
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<tr>
<th>BACHELOR OF DESIGN IN PHOTOGRAPHY AND SITUATED MEDIA</th>
<th>COURSE DESCRIPTION</th>
<th>CAREER OPTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duration: 3 yrs FT 2015 ATAR: 70.35</td>
<td>Combining contemporary photography practice with emerging digital technologies, this course equips graduates with the visual literacy and technical skills to hold leading positions in image-based design professions.</td>
<td>Career options include: Commercial photographer, photojournalist, exhibition media, photographic lighting, installation and interactive media and advertising professional.</td>
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<tr>
<th>BACHELOR OF DESIGN IN VISUAL COMMUNICATION</th>
<th>COURSE DESCRIPTION</th>
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</thead>
<tbody>
<tr>
<td>Duration: 3 yrs FT 2015 ATAR: 93.20</td>
<td>This course emphasises creativity, innovation and communication in the analysis and visualisation of ideas and information through print, screen and interactive multimedia technologies. The course goes beyond technical skills to teach conceptual skills and design processing in the context of communication.</td>
<td>Career options include: Designer in graphics, illustration, advertising, animation, branding/identity design, information design, broadcasting, exhibition, new media, photography or publications.</td>
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<tr>
<th>BACHELOR OF CONSTRUCTION PROJECT MANAGEMENT</th>
<th>COURSE DESCRIPTION</th>
<th>CAREER OPTIONS</th>
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</thead>
<tbody>
<tr>
<td>Duration: 4 yrs FT / 6 yrs PT 2015 ATAR: 91.95</td>
<td>Highly regarded within the industry, this course provides a comprehensive construction education. This unique degree provides graduates with the broader skills and knowledge base required to meet the changing demands of the construction, infrastructure and related industries.</td>
<td>Career options include: Construction manager, contract manager, cost engineer, estimator, facility manager, project manager, property developer, quantity surveyor, scheduler or site manager.</td>
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<tr>
<th>BACHELOR OF PROPERTY ECONOMICS</th>
<th>COURSE DESCRIPTION</th>
<th>CAREER OPTIONS</th>
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<tbody>
<tr>
<td>Duration: 3 yrs FT 2015 ATAR: 82.15</td>
<td>This is a functional and practical degree that prepares you for a career in real estate, valuation, funds and asset management and property development. It produces highly sought-after property professionals ready to enter the workforce with qualifications fully recognised by professional and industry bodies.</td>
<td>Career options include: Positions in corporate real estate, property analysis, property and asset management, property development, property finance, real estate agency (sales/leasing), tenant advisory services and valuation.</td>
</tr>
</tbody>
</table>

### COMBINED DEGREES

**CREATIVE INTELLIGENCE AND INNOVATION**
- B Design in Architecture, B Creative Intelligence and Innovation
- B Design in Fashion and Textiles, B Creative Intelligence and Innovation
- B Design in Interior and Spatial Design, B Creative Intelligence and Innovation
- B Design in Integrated Product Design, B Creative Intelligence and Innovation
- B Design in Visual Communication, B Creative Intelligence and Innovation

**INTERNATIONAL STUDIES**
- B Construction Project Management, BA International Studies
- B Design in Animation, BA International Studies
- B Design in Fashion and Textiles, BA International Studies
- B Design in Interior and Spatial Design, BA International Studies
- B Design in Integrated Product Design, BA International Studies
- B Design in Photography and Situated Media, BA International Studies
- B Design in Visual Communication, BA International Studies
- B Property Economics, BA International Studies

**FOR ATARS SEE FRONT PULL-OUT**
A PRACTICAL UNI EXPERIENCE

Want a degree that’s practice-oriented? Here are just some of the options available to you when you study Design, Architecture or Building at UTS.

> Gain insight into industry practice from local and international guest lecturers and industry speakers on campus.

> Volunteer to work on building projects in disadvantaged communities through the elective Construction for Developing Communities in Australia and overseas.

> Design and Architecture students have the opportunity to showcase their work at various UTS faculty exhibitions and shows. Industry professionals are invited to engage and interact with students, and scout for bright new talent.

> UTS Architecture students have the opportunity to complete the Global Field Studios elective. This subject allows you to take part in design projects overseas. In previous years students have travelled to Beirut, to study post war architecture, and to Paris to study extreme urban densification.

> Construction Project Management students are required to complete a professional practice subject, meaning students gain 200 days of industry experience before they graduate.

> Students are invited and encouraged to enter their work in a wide range of external competitions and prizes in Australia and internationally.

“The best part of the trip was experiencing how the skills I’m learning at uni are applied in practice. Travelling to the Landscape Architecture Biennale in Europe gave me a better understanding of the real-life applications of landscape architecture. I was able to compare the older parks in Paris to the modern urban planning approach in Barcelona and develop new ways of thinking about design. It was also a great way to learn about current issues and demands of the profession, and how current designers are tackling these.”

Brittany Johnson
Bachelor of Design in Landscape

Brittany travelled to Paris and Barcelona as part of an extra curricula activity that runs every two years to coincide with the landscape biennale. The trip is offered to students in the Landscape and Architecture degree.
CAREER SNAPSHOT

I graduated from a Bachelor of Property Economics degree in 2014. I chose to study at UTS as the course covered all aspects of the commercial property industry and it prepared me for a variety of career paths in that sector. The flexibility of the classes meant I could undertake work experience while finishing my degree.

A typical career path for someone with my qualifications would be to work in any number of roles in the property sector from valuation, asset management and development to commercial sales and leasing, consulting or building and facilities management.

In my role as an Assistant Valuer, I assist the Valuations Director to determine the value of retail assets. This means I look at various elements of an asset to determine its market value. My role involves a number of activities including financial modelling which adopts the cash flow and capitalisation valuation methods. I also conduct site inspections where I analyse the functional design and ambience of a centre and how this affects its trading efficiency in comparison to its peers. I’ve previously completed work for Westfield, AMP Capital, Mirvac and LendLease. It’s a very exciting and rewarding role as I am provided with a rare insight into the nation’s most valuable assets.

My advice to anyone considering working on the business side of property would be to get as much professional work experience as you can while at uni. This will enable you to learn where your interests lie and provide a more fulfilling university experience.

DID YOU KNOW?

> Construction is the third largest employing industry in Australia, with close to one million workers. (Australian Jobs, 2013)
> High achieving Architecture students have the opportunity to go on a field trip with renowned architect Frank Gehry and his team in the USA.
> Jets, Bec & Bridge, Sass & Bide, Alexander McQueen, Victoria’s Secret, Abercrombie & Fitch, Sony, Electrolux, Audi, Animal Logic, Digital Eskimo, and Channel 10 are just some of the companies where UTS design graduates are currently working.

CAREERS IN DESIGN, ARCHITECTURE & BUILDING

Career options include:

- Animator
- Architect
- Commercial photographer
- Construction manager
- Fashion editor
- Landscape designer
- Production manager
- Property developer
- Textile designer
- Urban designer

Matthew Yang
Assistant Valuer, CBRE
Bachelor of Property Economics

ASSISTANT VALUER

I graduated from a Bachelor of Property Economics degree in 2014. I chose to study at UTS as the course covered all aspects of the commercial property industry and it prepared me for a variety of career paths in that sector. The flexibility of the classes meant I could undertake work experience while finishing my degree.

A typical career path for someone with my qualifications would be to work in any number of roles in the property sector from valuation, asset management and development to commercial sales and leasing, consulting or building and facilities management.

In my role as an Assistant Valuer, I assist the Valuations Director to determine the value of retail assets. This means I look at various elements of an asset to determine its market value. My role involves a number of activities including financial modelling which adopts the cash flow and capitalisation valuation methods. I also conduct site inspections where I analyse the functional design and ambience of a centre and how this affects its trading efficiency in comparison to its peers. I’ve previously completed work for Westfield, AMP Capital, Mirvac and LendLease. It’s a very exciting and rewarding role as I am provided with a rare insight into the nation’s most valuable assets.

My advice to anyone considering working on the business side of property would be to get as much professional work experience as you can while at uni. This will enable you to learn where your interests lie and provide a more fulfilling university experience.
WE OFFER:

> Professional work experience for primary education students during every semester of their degree, commencing in week three of their first semester.
> Some of the highest-quality teaching and learning practices in the country.
> The opportunity to travel overseas and gain practical teaching experience in China, Thailand or Samoa.
> The opportunity to continue to a postgraduate degree in Secondary Teaching.

For full course details see [www.handbook.uts.edu.au](http://www.handbook.uts.edu.au)

A PRACTICAL UNI EXPERIENCE

Want a degree that’s practice-oriented? Here are just some of the options available to you when you study with UTS:Education.

> Complete a practical placement every semester, of every year of your bachelor’s degree at UTS. This means you gain 80 days of professional experience before you graduate.
> Have the opportunity to go overseas in your second year on an international practicum, gaining two weeks of teaching experience.
“My professional experience helped me to develop my lesson planning skills. I could also soak up all the knowledge and collective experience of my cooperating teacher and learn first-hand how to actually deliver lessons. What I enjoyed most was the opportunity to actually be a teacher, even if it was just for an hour each day. To interact with the children and get to know how they learn and say to myself ‘This is my class, how can I create and give a lesson that will benefit every single one of them?’”

Lauren Destefanis
Bachelor of Education in Primary Education

Lauren completed a two-week internship with a primary school, a requirement of the Professional Experience subject. This subject is offered every semester in the Bachelor of Education in Primary Education degree at UTS and requires that students complete a total of 80 days professional experience, focusing on different aspects of teaching for each placement.
I graduated from the Bachelor of Education in Primary Education in 2006. In my role as both a young adult author and part-time primary school teacher, I am constantly busy moving between the two jobs. My week starts at school, where I teach from Monday to Thursday. Then on Fridays, I move into my writing work - drafting or editing whatever writing project I’m working on at the time. Since graduating, I’ve written 12 books. I’m currently co-writing a new series for primary school readers, and am working on a novel for high-schoolers. I also regularly take part in school literature programs, writers’ festivals and other similar events. While I love writing, teaching gives me great job satisfaction and I try to squeeze in as much of it as I can.

My advice to anyone considering a career in primary education would be to do it! It’s one of the most rewarding jobs out there. I’d definitely be doing it full-time if I didn’t have so much else on my plate! You’ll be amazed at how many of your other interests suddenly become valuable professional skills!
WE OFFER:

> International recognition through accreditation by Engineers Australia.
> The opportunity to gain extensive industry experience as part of the Diploma in Professional Engineering Practice.
> Adaptable timetabling including day, evening and some weekend classes; full-time, part-time and some intensive mode courses.
> Graduate employment prospects well above the national average.
> International opportunities including exchange and global internships.
> Industry sponsored scholarships and network opportunities.
> Access to the latest technology in our new state-of-the-art building. The Engineering and IT Building is home to custom-designed labs for civil, electrical, information and communication technology, and mechanical engineering.
## COURSES IN ENGINEERING

<table>
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<tr>
<th>COURSE NAME</th>
<th>COURSE DESCRIPTION</th>
<th>CAREER OPTIONS</th>
</tr>
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<tr>
<td><strong>BACHELOR OF ENGINEERING (HONOURS), DIPLOMA IN PROFESSIONAL ENGINEERING PRACTICE</strong></td>
<td>Earn a Bachelor of Engineering (Honours) with a major of your choice, plus the Diploma in Professional Engineering Practice, which includes two six-month periods of internship with an engineering company of your choice. See below and page 29 for specific majors.</td>
<td>Please refer to specific majors below and page 29 for career options.</td>
</tr>
<tr>
<td><strong>BACHELOR OF ENGINEERING (HONOURS) MAJORS</strong></td>
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<tr>
<td><strong>GENERAL</strong></td>
<td>Students can select subjects from any of the majors on offer or customise their degree by combining several fields of practice.</td>
<td>See individual majors for specific career options.</td>
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<tr>
<td>Duration: 5 yrs FT 2015 ATAR: 85.15</td>
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<tr>
<td><strong>BIOMEDICAL</strong></td>
<td>Students will learn how to design and develop medical products and systems using biomedical instrumentation and control, bioinformatics, biomechatronics, artificial intelligence and computational neuroscience.</td>
<td>Career options include: Working with biomedical device companies, biotechnology/manufacturing companies, medical research centres or hospitals.</td>
</tr>
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<td>Duration: 5 yrs FT 2015 ATAR: 88.00</td>
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<td><strong>CIVIL</strong></td>
<td>Students will pick up skills in construction, project management, design and surveying, and expertise in water supply systems, flood protection, sanitation, hydraulics and waste disposal.</td>
<td>Career options include: Working with local and suburban engineering consultancies, road and rail infrastructure, or project management agencies.</td>
</tr>
<tr>
<td>Duration: 5 yrs FT 2015 ATAR: 91.40</td>
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<tr>
<td><strong>CIVIL (CONSTRUCTION)</strong></td>
<td>Students will gain an understanding of human resources, finance, environmental planning and law, as well as installing building services such as lifts, air conditioning, IT and telecommunications.</td>
<td>Career options include: Working with private commercial developers or major development companies.</td>
</tr>
<tr>
<td>Duration: 5 yrs FT 2015 ATAR: 90.45</td>
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<tr>
<td><strong>CIVIL (STRUCTURES)</strong></td>
<td>Students will gain advanced knowledge in the behaviour of structures under stresses such as extreme weather, earthquakes or explosions, and develop skills in assessing structural damage, including practical expertise.</td>
<td>Career options include: Working in companies focusing on designing, building or assessing large structures.</td>
</tr>
<tr>
<td>Duration: 5 yrs FT 2015 ATAR: 90.15</td>
<td></td>
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</tr>
<tr>
<td><strong>CIVIL AND ENVIRONMENTAL</strong></td>
<td>Students will learn everything they need to know to become a professional civil engineer with expertise in environmental planning and sustainable development.</td>
<td>Career options include: Working with environmental or engineering consultancies.</td>
</tr>
<tr>
<td>Duration: 5 yrs FT 2015 ATAR: 90.15</td>
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</tr>
<tr>
<td><strong>ELECTRICAL</strong></td>
<td>Duration: 5 yrs FT</td>
<td>Career options include: Working in car and aircraft manufacturing, sustainable energy companies, biomedical and health engineering companies or electronic component manufacturers.</td>
</tr>
<tr>
<td>2015 ATAR: 85.00</td>
<td>Students will learn about circuits, electronic design, microprocessors, power generation, analogue and digital intelligent control (such as on-board computers in cars, aircraft or trains), fuzzy logic systems and instrumentation.</td>
<td></td>
</tr>
<tr>
<td><strong>INFORMATION AND COMMUNICATION TECHNOLOGIES</strong></td>
<td>Duration: 5 yrs FT</td>
<td>Career options include: Working with logistics and chain supply companies, telecommunications companies or commercial service, software and equipment providers.</td>
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<tr>
<td>2015 ATAR: 85.00</td>
<td>Students will learn to design, build, develop and manage anything from commercial networks to advanced military or transport applications, industrial automation, intelligent control robotics, aviation, telemetry and satellite systems.</td>
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<tr>
<td><strong>INFORMATION AND COMMUNICATION TECHNOLOGIES (COMPUTER SYSTEMS)</strong></td>
<td>Duration: 5 yrs FT</td>
<td>Career options include: Working with computer systems consultancies, government agencies or defence and military contractors.</td>
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<tr>
<td>2015 ATAR: 85.00</td>
<td>Students will specialise in designing, developing, troubleshooting and managing computing machinery from the ground up.</td>
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<td><strong>INFORMATION AND COMMUNICATION TECHNOLOGIES (NETWORK SECURITY)</strong></td>
<td>Duration: 5 yrs FT</td>
<td>Career options include: Working as a IT infrastructure manager, network manager, network architect, security analyst, project leader, computer security specialist or system administrator.</td>
</tr>
<tr>
<td>2015 ATAR: 83.70</td>
<td>Students will specialise in information and network security, digital forensics, mobile networking, network planning and management.</td>
<td></td>
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<tr>
<td><strong>INFORMATION AND COMMUNICATION TECHNOLOGIES (SOFTWARE)</strong></td>
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<td>Career options include: Working with commercial software companies such as Microsoft, industrial computing companies or financial institutions.</td>
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<td>2015 ATAR: 85.00</td>
<td>Students will specialise in software development and programming languages, technical design and advanced programming for commercial and industrial machines.</td>
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<tr>
<td>2015 ATAR: 85.00</td>
<td>Students will specialise in communication systems, including analogue and digital telephones, mobile and internet networks, communication satellites, radar and telemetry systems.</td>
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<td>Career options: Dependent on study area chosen. Can include working in product planning and strategy, product and business development or marketing firms.</td>
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<td>2015 ATAR: 85.65</td>
<td>Students will learn about engineering innovation processes in a variety of environments through specialised subjects such as creativity and idea generation, patents and intellectual property, product planning, product development and project funding.</td>
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<td>Career options include: Working automotive, aviation, robotics and manufacturing.</td>
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<td>2015 ATAR: 85.00</td>
<td>Students will study dynamics (the science of moving things) and learn to calculate and control the movement and interaction of solid objects, fluids, heat, energy and power conversion.</td>
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**BACHELOR OF ENGINEERING MAJORS (CONTINUED)**

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A PRACTICAL UNI EXPERIENCE

Want your degree to be practice-oriented? Here are just some of the options available to you when you study with UTS:Engineering.

> Engineering students at UTS complete a Diploma in Professional Engineering Practice within the degree. This incorporates two six-month internships, integrating what you learn in the classroom into a work environment and vice versa.

> Students are supported by the Industry Partnering Unit which assists students in securing internships. It maintains links with more than 1000 engineering and information technology companies.

> Our Women in Engineering and IT Program offers support to female UTS:Engineering students, including mentoring, referrals and networking opportunities.

> In addition to understanding the latest industry-advised trends and technology, you’ll pick up soft skills during your course, including communication, interpersonal and teamwork skills.

“During my professional placement at Phillips I assisted with quoting on design specifications for projects. I later developed, maintained, debugged and tested C code for firmware purposes. This meant I worked with a team to improve the product to make it run as smoothly as possible.

The experience not only allowed me to put the skills I’d learnt at uni into practice, but also taught me the areas of the industry I wanted to pursue, and importantly helped me gain industry connections.”

**Marcelo Guilherme**  
Bachelor of Engineering (Electrical), Diploma in Engineering Practice*

Marcelo completed a six-month internship with Phillips. This compulsory practice placement forms part of the Diploma in Professional Engineering Practice at UTS. While completing his internship, Marcelo was offered a contract to continue working at Phillips as an Embedded Software Engineer.

* Course name changed in 2015.
CAREERS IN ENGINEERING

Career options include:
> Biomedical engineer
> Civil engineer
> Electrical engineer
> Engineering consultant
> Environmental engineer
> Mechanical engineer
> Project engineer
> Researcher
> Software engineer

Graduates are prepared for engineering roles within:
> Aerospace, automotive and aviation companies
> Biomedical and health companies
> Commercial software companies such as Microsoft or SAP
> Environmental consultancy companies
> Major developers such as Mirvac or Multiplex
> Project management agencies
> Telecommunication companies and internet service providers

Katrie Lowe
Engineer (Civil Infrastructure),
AECOM Australia
Bachelor of Engineering (Civil and Environmental),
Diploma in Engineering Practice*

ENGINEER (CIVIL INFRASTRUCTURE)

I graduated with a Bachelor of Engineering with majors in Civil and Environmental Engineering in 2010. I chose to study at UTS because of the uni’s support in facilitating practical experience as part of your degree. The network connections UTS provided meant I had experience with recognised companies before graduation.

A typical career path for someone with my qualifications would be to work in any number of roles within civil or environmental engineering. You could work in an engineering firm, for government agencies or local councils or an environmental consultant. The options are endless.

In my role as an Engineer (Civil Infrastructure) at AECOM Australia, I work on a broad range of projects. I find my job incredibly rewarding as I work on projects that are shaping the cities we live in from the design and development of new precincts to major transport projects. Recently, I’ve been working to develop infrastructure service strategies for new developments in the North West Growth Centre and on urban activation precincts within Sydney. This means we develop strategies to provide essential utilities such as water and electricity to the community through the most effective infrastructure possible. I also work on a range of water-related projects including drinking water quality assessments, which provides great opportunities to go out on site visits and talk to local councils across NSW.

My advice to anyone considering Civil and Environment Engineering is to make the most of the flexibility offered at UTS and get as much experience as possible.

*DID YOU KNOW?
> Many of our students are able to stay on after their final internship and finish their degree by studying part-time and working part-time as a trainee engineer.
> UTS:Engineering is home to the UTS Remote Laboratory; one of the world’s most advanced remote laboratories, allowing students to conduct real-time experiments at any time of the day, anywhere in the world.
WE OFFER:

> Cutting-edge practical courses in nursing, midwifery, sport and exercise science and sport and exercise management.
> Extensive clinical or internship experience in leading organisations and teaching hospitals (depending on your degree) with clinical placements starting in first semester.
> Outstanding clinical lab facilities, including life-like robotic patients and well-equipped exercise physiology labs.
> Industry-backed courses, supported by area health services, government and health care agencies.
> A friendly and supportive environment where students are encouraged to reach their full potential.
> Lecturers who are renowned researchers in their field and are shaping current and future practice in health and fitness.
## COURSES IN HEALTH

<table>
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<th>COURSE NAME</th>
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<td><strong>BACHELOR OF SPORT AND EXERCISE SCIENCE</strong></td>
<td>This course provides students with a strong understanding of the processes and mechanisms of the human body, and with the knowledge and skills necessary to manage and plan human movement activities in leisure, sport, health and education contexts.</td>
<td>Career options include: Sports science, elite athlete coaching, teaching personal development, health, as a physical education (PDHPE) teacher (pathway) and in outdoor education, exercise physiologist, physiotherapy (pathway).</td>
</tr>
<tr>
<td>Duration: 3 yrs FT</td>
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<td></td>
</tr>
<tr>
<td>2015 ATAR: 83.50</td>
<td></td>
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</tr>
<tr>
<td><strong>BACHELOR OF SPORT AND EXERCISE MANAGEMENT</strong></td>
<td>This course prepares students for a business, marketing or management career within the sport and exercise industry. Graduates possess a sound knowledge of the biophysical, behavioural and socio-cultural foundations of sport and exercise combined with the business skills necessary to operate in this dynamic environment.</td>
<td>Career options include: Sport development management, fitness consulting, athlete management, sport venue management, corporate health and fitness, health promotion, sport marketing, sport development, sport policy, sport event management, physiotherapy (pathway).</td>
</tr>
<tr>
<td>Duration: 3 yrs FT</td>
<td></td>
<td></td>
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<tr>
<td>2015 ATAR: 72.20</td>
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<td><strong>BACHELOR OF MIDWIFERY</strong></td>
<td>This course prepares students to work as competent and confident midwives who practise woman-centred care. From the first semester of the course, students will gain extensive practical midwifery experience. Every semester includes placements in maternity wards and continuity of care experiences.</td>
<td>Career options include: Being a registered midwife in both hospital and community settings, and in metropolitan and rural areas. Career progression can include specialist and consultancy roles (eg. lactation consultant) as well as positions in management and as a midwifery educator.</td>
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<tr>
<td>Duration: 3 yrs FT</td>
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<tr>
<td>2015 ATAR: 94.50</td>
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<tr>
<td><strong>BACHELOR OF NURSING</strong></td>
<td>This course prepares students to become registered nurses working in a variety of settings and providing care that is patient-centred, professional, responsible and respectful. The course emphasises hands-on experience. Students will complete clinical placements in hospitals and other health facilities in every semester of the course.</td>
<td>Career options include: Working in diverse specialty areas such as community health, critical care, intensive care, aged care, mental health, operating theatres and paediatrics. Career progression opportunities include working as a clinical nurse consultant, clinical nurse specialist, nurse educator, nurse manager, nurse practitioner or rural and remote practice nurse.</td>
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<tr>
<td>Duration: 3 yrs FT</td>
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<td>2015 ATAR: 84.80</td>
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<tr>
<td><strong>BACHELOR OF PRIMARY HEALTH CARE</strong></td>
<td>This course provides students with the knowledge and skills to make a difference in the health and wellbeing of Indigenous Australians and is designed for Aboriginal and Torres Strait Islander people who wish to gain a University qualification in the primary health care area. Students will graduate with a broad range of cognitive, technical and interpersonal skills required in the provision of evidence-based, culturally safe and appropriate primary health care services.</td>
<td>Career options include: Working in delivery of health care and health services, managing primary health care services, working in health promotion programs, policy development, community development, health service planning.</td>
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<tr>
<td>Duration: 3 yrs FT</td>
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<td>2015 ATAR: N/A*</td>
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<tr>
<td>*Selection is based on student’s ability to demonstrate their capability for tertiary study through an assessment and interview process as well as life experience, prior education and professional experience.</td>
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*FT = Full time

## COMBINED DEGREES

**CREATIVE INTELLIGENCE AND INNOVATION**
- B Midwifery, B Creative Intelligence and Innovation
- B Sport and Exercise Science, B Creative Intelligence and Innovation

**INTERNATIONAL STUDIES**
- B Nursing, BA International Studies
- B Sport and Exercise Management, BA International Studies
- B Sport and Exercise Science, BA International Studies

FOR ATARS SEE FRONT PULL-OUT
At UTS, practical experience is integrated into the curriculum and offered through internships and clinical placements so you will graduate with the skills to apply your knowledge in the workplace.

- Bachelor of Sport and Exercise Science and Bachelor of Sport and Exercise Management students complete a professional internship in their final year of study.
- UTS Nursing students complete clinical placements at a relevant hospital or other health care setting each semester, meaning students gain over 800 hours of hands-on experience before graduation.
- Midwifery students are also required to follow 20 women throughout their pregnancy, birth and the period after birth. This allows students to experience providing continuity of care.
- Third-year midwifery students undertake a prolonged period of clinical experience with most time spent in the clinical environment.
- Nursing and Midwifery students can also choose to undertake a rural placement in their final year, allowing them to experience community practice.
- While on campus, UTS:Health students gain practical experience with hands-on equipment in clinical and exercise physiology labs including robotic patients and birthing mannikins.

“During my practical placements I was able to work across a range of specialty areas, including Intensive Care, paediatrics, and general medical/surgical. I was also able to develop unique skills by working with a specialist palliative care team. The experience has given me an understanding of the health system in urban and rural areas and has helped prepare me for the first year as a Registered Nurse.”

Emily Baldwin
Bachelor of Nursing

Emily completed two rural placements in Orange and Dubbo as a part of her Bachelor of Nursing degree. UTS Nursing students complete 820 hours of clinical placement, allowing them to use their university training in real-life settings. These placements are credited towards the clinical hours needed to become a Registered Nurse.
CAREERS IN HEALTH

Career options include:

- Registered Nurse
- Registered Midwife
- Exercise physiologist
- Sports marketing
- PDHPE Teaching [pathway]
- Physiotherapy [pathway]

DID YOU KNOW?

> UTS nursing students’ classrooms are designed to simulate hospital wards. This helps familiarise students with their future working space on-campus and prepares them for their practical placements.

SPONSORED DIGITAL CONTENT

CAREER SNAPSHOT

Matt Pine
Sports Scientist and Conditioning Coach,
Sydney Swans Australian Football Club
Bachelor of Human Movement*

I graduated from a Bachelor of Human Movement*. I chose this field of study as I’ve always been interested in sports and human movement. The course was a great way for me to learn more about science and technology and to get into this industry.

A typical career path for someone with my qualifications can be very broad. You could work as a biomechanist, skill acquisition/motor learning coach or performance analyst, but you could also work as a physiologist, physical educator, personal trainer or sports administrator.

In my role as an assistant Strength and Conditioning Coach for the Sydney Swans Australian Football Club, my job is to develop and implement physical conditioning programs for AFL players. My focus is to monitor how players are coping and responding to the demands of training, in order to minimise injury and maximise physical performance. The morning generally involves helping to implement a training session where I conduct fitness, strength, rehabilitation, football and recovery sessions. In the afternoon, I analyse fitness results, write reports as well as meeting with the players and football medical staff to plan future training sessions. The best part of my job is the variety, it’s a really enjoyable mix of theory and practice. The club actively pursues a ‘best practice’ model through the use of technology and a strong research focus.

My advice to students considering the degree would be to take on all the practical experience you can get. To get a job in the industry you generally need a degree as well as experience. This is where getting out and volunteering at sporting clubs and making contacts in the industry while studying can make all the difference.

* Now Bachelor of Sport and Exercise Science.
WE OFFER:

> Practice-based IT courses with the opportunity to gain extensive industry experience as part of the Diploma in Information Technology Professional Practice.

> The Bachelor of Information Technology Co-operative Scholarship – a fast-track course for high academic achievers with leadership potential, worth $46,500 over three years.

> Outstanding facilities in a new wireless connected, living building, with remote and 24/7 access to its computer labs. Plus access to specialist labs operating in internetworking, games and computer graphics. These include a software development studio, five purpose-built networking labs fully resourced by Cisco Systems, and a Games Studio.

> A mix of business and essential IT skills so that graduates are equipped to solve business problems using IT.
<table>
<thead>
<tr>
<th>COURSE NAME</th>
<th>COURSE DESCRIPTION</th>
<th>CAREER OPTIONS</th>
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</thead>
<tbody>
<tr>
<td><strong>BACHELOR OF INFORMATION TECHNOLOGY</strong></td>
<td>This course is a fast-track co-operative scholarship sponsored by industry, valued at $46,500. Designed with help from our sponsors, it offers a business focus and allows students to develop a strong understanding of both business practice and technical skills, while also preparing them for management roles in IT.</td>
<td>Career options include: Project manager, business analyst, information systems manager, IT consultant or programmer/developer.</td>
</tr>
<tr>
<td>Duration: 3 yrs FT 2015 ATAR: N/A*</td>
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<tr>
<td>* The Bachelor of Information Technology is a co-operative scholarship course. Selection is based on a combination of ATAR and interview.</td>
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<tr>
<td><strong>BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY, DIPLOMA IN INFORMATION TECHNOLOGY PROFESSIONAL PRACTICE</strong></td>
<td>This course takes a practice-based approach to IT education. Students learn both academic theory and practical skills in IT. As well as strong technical skills, students develop skills in business analysis, problem-solving, teamwork and communication. Students can tailor the course to meet their interests, choosing an IT major and a range of electives.</td>
<td>Career options include: Business analyst, IT project manager, network specialist, software developer, systems analyst or web developer.</td>
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<tr>
<td>Duration: 4 yrs FT / 6 yrs PT 2015 ATAR: 83.00</td>
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<tr>
<td><strong>BACHELOR OF SCIENCE IN GAMES DEVELOPMENT</strong></td>
<td>Today’s games are large sophisticated computer programs that model 3D worlds in detail, implementing realistic physics with computer controlled characters that connect thousands of players through virtual worlds. This course offers a sound education in all aspects of information technology and develops the diverse skills necessary for a career in games development.</td>
<td>Career options include: Computer animation/graphics specialist or games developer.</td>
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<tr>
<td>Duration: 3 yrs FT / 6 yrs PT 2015 ATAR: 91.40</td>
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</table>

**FT = Full time / PT = Part time**
“During my internship I worked as a developer on an enterprise-scaled Windows desktop application; my focus was to improve the ‘issues manager’. This involved helping to develop technologies to make it easier and faster for developers to identify the root problem and fix it. The experience gave me a deeper understanding of IT techniques and concepts and helped me decide the future studies I wanted to pursue in IT. My placement has since helped me gain a full time position at WiseTechGlobal.”

**Jenny Nguyen**

**Bachelor of Science in Information Technology, Diploma in Information Technology Professional Practice**

Jenny completed a 12-month internship with cloud-based software company WiseTechGlobal. A requirement of the Diploma in Information Technology Professional Practice, internships give students an opportunity to apply their skills in real-life IT situations. It also allows students to develop a professional network before they graduate.

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**A PRACTICAL UNI EXPERIENCE**

Want your degree to be practice-oriented? Here are just some of the options available to you when you study with UTS: IT

> As a Bachelor of Science in Information Technology student, you will complete the Diploma in Information Technology Professional Practice. This means you will complete a minimum of nine months’ IT work experience as part of your third year.

> As a Bachelor of Information Technology Co-operative Scholarship student, you will complete two six-month industry placements with different sponsor organisations during your first and third years.

> Students are supported by the Industry Partnering Unit which assists students in securing internships. It maintains links with more than 1000 engineering and information technology companies.

> The Women in Engineering and IT Program offers support to female UTS: IT students, including mentoring, referrals and networking opportunities.

> In addition to understanding the latest industry-advised trends and technology, you’ll pick up soft skills during your course, including communication, interpersonal and teamwork skills.
CAREERS IN INFORMATION TECHNOLOGY

Career options include:
> Business analyst
> Computer animator
> Games developer
> Information systems manager
> IT consultant
> Network specialist
> Programmer/developer
> Software developer
> Software engineer
> Systems analyst
> Web developer

DID YOU KNOW?
> It’s a good time to enter into the ICT industry. Jobs in ICT, including systems analysis and network security, are expected to grow strongly in the near future. For information on careers visit www.joboutlook.gov.au
> There’s more to uni than study – there’s the social side too. UTS: IT has various clubs and societies including The Programmers’ Society, Electronic Gamers’ Guild and BiG Society for IT students. Visit www.activateuts.com.au

Christopher Medlicott
Business Analyst,
Commonwealth Bank of Australia
Bachelor of Business, Bachelor of Science in Information Technology

BUSINESS EXPERIENCE DESIGNER

I graduated from a combined Bachelor of Business and Bachelor of Science in Information Technology degree in 2012. I chose UTS because it focuses on preparing well-rounded graduates who can ‘hit the ground running’ in the workplace. I also like its city-based location.

A typical career path for someone with my qualifications is to work in a range of roles across both IT and business. Most industries now rely on IT to underpin large parts of their business strategies, so the combined degree opens you up to a lot of new opportunities.

In my role as a Business Analyst at the Commonwealth Bank of Australia, I work in a team that is responsible for delivering projects across all of the bank’s digital channels. My role focuses around the bank’s online presence, which includes the retail website, our online banking system ‘NetBank’, and our app. As a business analyst, it’s my job to liaise with our internal teams, such as user experience specialists, content writers, developers, testers, market research, legal and compliance, to ensure we deliver the best experience for our end-users. The best part about my job is that I get to deliver projects for our retail customers. This means working on industry leading apps and our online banking platform. It’s really satisfying to know that friends and family get to interact with the things that I am working on and that millions of customers rely on these tools to manage their finances every day.

My advice to anyone considering this industry would be; stay open to opportunities. The industry is constantly changing so be prepared to be flexible.
WE OFFER:

> A new Diploma in Languages, and two international-focused degrees:

**BACHELOR OF GLOBAL STUDIES**
This three year stand-alone degree allows students to:

> Go on exchange for one semester as part of their degree.
> Internationalise their learning experience.
> Gain experience in an industry placement with a globally oriented organisation.
> Learn about the global connections between the political, economic and cultural aspects of societies and countries.
> Choose both a major (such as Business Studies, Communication, Legal Studies or Management Studies) and sub-major.

**BACHELOR OF ARTS IN INTERNATIONAL STUDIES**
This degree must be combined with another degree and allows students to:

> Study the language and culture of another country.
> Choose from one of six language majors, with exchange available to 14 countries including Argentina, Canada (Quebec), Chile, China, Colombia, Costa Rica, France, Germany, Italy, Japan, Latino USA, Mexico, Spain and Switzerland.
> Complete one year overseas studying in the country of their major, with airfares and visas paid for by UTS.
> Access international support through UTS’s partnerships with universities worldwide.
> Develop international networking opportunities.
ADD-ON THE DIPLOMA IN LANGUAGES TO YOUR DEGREE

The Diploma in Languages gives you the opportunity to learn a language and about the corresponding cultures and societies over six semesters. The diploma cannot be undertaken alone, but must be added to another UTS undergraduate degree and is open to students studying all degrees at UTS. Students obtain or improve their language and socio-cultural skills and therefore increase their employability in the domestic and international marketplace. Languages available include: Chinese, French, German, Italian, Japanese, and Spanish.

Visit internationalstudies.uts.edu.au
BACHELOR OF ARTS IN INTERNATIONAL STUDIES

The Bachelor of Arts in International Studies includes an In-Country Study (ICS) component. Undertaken in fourth year of study, ICS means students spend two semesters living and studying in one of our partner locations – where they’ll attend classes at one of over 70 established university partners. The map on the opposite page shows the 14 countries currently offered for ICS.

“My ICS year in France taught me so much. I developed a high level of fluency in the French language – one of the biggest and most satisfying learning challenges of my life. I also fully immersed myself in the French culture. I think it’s important as a young person to really experience another culture – not just on a backpacking holiday. That’s what ICS is all about: total cultural immersion.”

Angela McCormack
Bachelor of Arts in Communication (Media Arts and Production)/ Bachelor of Arts in International Studies.

Angela lived and studied at one of UTS’s partner universities in Rennes, France, for a year as part of the In-Country Study* year, a compulsory feature of the Bachelor of Arts in International Studies degree.

During this year students undertake an intensive language program as well as undertake subjects at a partner university overseas.

*In-Country Study, undertaken in the fourth year of study, means students spend two semesters living and studying in one of our partner locations.
Andrew Cholinski
Coordinator for Bring Children to Snow, International Ski Federation
Bachelor of Management in Events and Leisure*, Bachelor of Arts in International Studies

SPEND A YEAR STUDYING IN ONE OF THESE COUNTRIES:

DID YOU KNOW?

- International Studies can be combined with 29 different degrees at UTS. Go to the pull-out at the front of this guide to see if it’s offered with your preferred degree.
- Students who study International Studies learn a language and culture as part of their degree – and spend a full year studying overseas.

CAREER SNAPSHOT

PROJECT COORDINATOR

I graduated with the Bachelor of Management in Events and Leisure* combined with a Bachelor of Arts in International Studies degree in 2012.

A typical career for someone with my qualifications is difficult to describe – the choices are endless. You can work in a variety of industries. In my case I chose a sports focus.

In my role as International Ski Federation Coordinator, I’m responsible for the direction of the project development and structuring of communication campaigns and developing and maintaining relationships with partners and sponsors. I work in a team of over 250 organisers in 39 countries around the world. My office overlooks a postcard view of the Swiss Alps, but I do as much work on the road as I do in the office. My job has given me the opportunity to visit Austria, Poland, Italy, Japan and many other countries. With my degree combination I can work almost anywhere.

My advice to anyone considering International Studies is that they will provide you with a very open career path and a great learning experience. Spending one year overseas and learning a different language while at university as part of my International Studies degree is a unique opportunity.

*This course has been replaced by the Bachelor of Management.
WE OFFER:

> A one-stop legal education for admission to practise as a lawyer to the Supreme Court of NSW.
> Flexible timetabling and comprehensive mentoring programs designed to support you through Law School.
> The award-winning Brennan Justice and Leadership Program along with a range of social justice projects to develop personal and professional leadership skills and your CV.
> An active and welcoming Law Students’ Society. Broaden your uni experience with social activities like the Law Orientation Camp, Law Ball, Law Revue, and develop your legal skills through competitions like witness examination, and client interviewing.
> International Legal Internships, where you work on ‘real-world’ legal projects overseas and receive credit towards your law degree.
> Regular networking events and careers seminars hosted by successful UTS Law Alumni.
> Over $20,000 in Prizes and Awards annually exclusively for law students.
## COURSE NAME

### BACHELOR OF LAWS

**Duration:** 4 yrs FT / 6.5 yrs PT  
**2015 ATAR:** 97.05 (FT) / 98.05 (PT)

The UTS Bachelor of Laws develops your knowledge and skills in law and its practice from a real-world perspective. The core law subjects ensure a thorough grounding in common law principles while a wide choice of law electives allow you to engage in deeper study in areas of the law that are of particular interest to you. You will develop essential work-ready skills such as problem solving, analytical thinking, and spoken and written communication.

This course satisfies the academic requirements for admission as a lawyer in New South Wales. Students wishing to obtain full recognition as lawyers have the option of completing the Practical Legal Training program, also available at UTS.

**Career options include:** Lawyer [solicitor or barrister], policy adviser, in-house counsel, judge, human rights advocate, diplomat and business executive, along with a vast array of careers when combining law with another discipline.

## COURSES IN LAW

<table>
<thead>
<tr>
<th>COURSE NAME</th>
<th>COURSE DESCRIPTION</th>
<th>CAREER OPTIONS</th>
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<tbody>
<tr>
<td><strong>BA</strong> Communication (Creative Writing), <strong>B</strong> Laws</td>
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<tr>
<td><strong>BA</strong> Communication (Digital and Social Media), <strong>B</strong> Laws</td>
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<tr>
<td><strong>BA</strong> Communication (Journalism), <strong>B</strong> Laws</td>
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<tr>
<td><strong>BA</strong> Communication (Media Arts and Production), <strong>B</strong> Laws</td>
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<tr>
<td><strong>BA</strong> Communication (Public Communication), <strong>B</strong> Laws</td>
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<tr>
<td><strong>BA</strong> Communication (Social Inquiry), <strong>B</strong> Laws</td>
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<tr>
<td><strong>B</strong> Business, <strong>B</strong> Laws</td>
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<tr>
<td><strong>B</strong> Engineering Science, <strong>B</strong> Laws</td>
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<tr>
<td><strong>B</strong> Laws, <strong>BA</strong> International Studies</td>
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<td><strong>B</strong> Laws, <strong>B</strong> Creative Intelligence and Innovation</td>
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<tr>
<td><strong>B</strong> Medical Science, <strong>B</strong> Laws</td>
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<tr>
<td><strong>B</strong> Science, <strong>B</strong> Laws</td>
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<tr>
<td><strong>B</strong> Science in Information Technology, <strong>B</strong> Laws</td>
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**Combination degrees for ATARS see front pull-out**

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**FT = Full time / PT = Part time**
A PRACTICAL UNI EXPERIENCE

Want your degree to be practice-oriented? Here are just some of the options available to you when you study with UTS:Law.

> Join our students who engage with the themes of justice and its social contexts through a range of educational events and activities offered within the Brennan Justice and Leadership Program. Unique to UTS, it’s designed to enhance your intellectual, service and leadership capabilities.

> Participate in the UTS mooting program and build your legal research and oral advocacy skills (the ability to persuasively argue in court).

> In some subjects, choose to be assessed in part through your work on real-life community projects, instead of exams and essays.

> Connect with influential members of the legal profession via the High Achievers Mentoring program.

> Gain internships with major Sydney law firms and government departments through the Summer Clerkship and Graduate Employment programs.

> Complete 80 days’ practical experience in a legal environment as part of the Practical Legal Training option available at UTS.

> Travel overseas to participate in global conferences, internships, community volunteer projects or short-term study programs as part of the exciting BUILD (Beyond UTS International Leadership Development) program (travel grants available).

“Getting involved in the Price Moot is one of the best experiences I’ve had during my law degree. It has enhanced my understanding of how to research, structure and articulate legal concepts both at university and in the workplace. Mooting is also an intensely collaborative and social experience – I’ve learnt so much from my team mates. Having the opportunity to meet law students from around the world, some from places where free speech and censorship are issues affecting everyday life, was also eye-opening.”

Jamesina-Le McLeod
Bachelor of Arts in Communication (Journalism), Bachelor of Laws

Jamesina competed in the Price Media Law Moot in Oxford, UK, where she was awarded ‘Best Oralist’. Mooting competitions give students the chance to research, draft submissions and orally present a hypothetical client’s case in a court of appeal.

At UTS students are encouraged to extend themselves into challenging extra-curricular activities such as Mooting. Mooting competitions are fully funded by UTS and participants receive credit towards their law degree.
CAREERS IN LAW

Career options include:
A degree in law opens doors to a vast choice of career opportunities. Graduates of UTS:Law have followed various career paths, either entering the legal profession or pursuing careers in government, business, media and the arts, education, engineering, information technology, and science. Careers include, but are not limited to:

- Academic
- Barrister
- Diplomat
- Human rights advocate
- Executive management
- In-house counsel
- Judge
- Policy adviser
- Politician
- Solicitor

DID YOU KNOW?

- At UTS we help you develop global work-ready skills-graduate attributes are embedded in all law subjects, preparing you to thrive and succeed in today’s rapidly changing legal profession.
- Our Bachelor of Laws (LLB) is internationally recognised, practical and professionally relevant to the globalised legal environment. Paired with local admission requirements, the UTS LLB allows graduates to practise in jurisdictions such as Sydney, London, Paris, Bangkok, Singapore, Dubai, Tokyo, Delhi, Moscow, Beijing and Hong Kong.
- UTS is the only university to offer an accredited Practical Legal Training Program in Sydney.

Nicholas Mirzai
Barrister, Level 22 Chambers
Bachelor of Business,
Bachelor of Laws

BARRISTER
I graduated from a combined Bachelor of Business and Bachelor of Laws degree in 2010. I chose to study at UTS because it offered a practical and flexible double degree program that focused on the knowledge and skills necessary to hit the ground running in the workplace.

A typical career for someone with business and law qualifications is quite broad. The versatility of the combined degree means that you could work in any number of roles, including practising in a private law firm, starting your own business, working in an investment bank or in the not-for-profit sector.

In my role as a barrister, I practise mainly in resolving corporate and commercial disputes and am responsible for advising and appearing on behalf of a wide range of clients in courts and tribunals across Australia. On an average day I am usually preparing for or attending hearings, mediations or arbitrations, providing advice to clients, and balancing the commercial challenges of running a small business. The best part about being a barrister is the flexibility. Being your own boss is always appealing if you’re self-motivated.

My advice to anyone interested in studying law is to treat your studies seriously and get as much experience as you can. Take the opportunities to clerk at law firms or work as a judge’s associate if and when such opportunities arise. With law, you get as much out of it as you put in.
WE OFFER:

> Practice-based and flexible study options with a choice of 10 majors including a flexible option in the Bachelor of Science.

> Lecturers who are renowned researchers in their fields, who work closely with industry, passing on relevant research findings in classrooms.

> World-class facilities and laboratories including a new Super Lab, a large-scale laboratory accommodating over 200 students, which enables multiple science classes to run concurrently.

> Undergraduate degrees that can lead to pathways into specialist postgraduate study in the areas of pharmacy, medicine and dentistry.

> Accreditation and recognition by different associations and industries. For example, the biomedical science program accredited by the Australian Institute of Medical Scientists (AIMS), which allows you to work in medical labs in the UK and USA.
COURSES IN SCIENCE AND MATHS

<table>
<thead>
<tr>
<th>COURSE NAME</th>
<th>COURSE DESCRIPTION</th>
<th>CAREER OPTIONS</th>
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</thead>
<tbody>
<tr>
<td>BACHELOR OF SCIENCE</td>
<td>Students can either specialise in a specific major or choose to develop skills in a range of scientific disciplines. Students gain strong critical thinking skills and learn how to apply practical problem solving skills in a hands-on environment.</td>
<td>Please refer to specific majors below for career options.</td>
</tr>
<tr>
<td>BACHELOR OF SCIENCE MAJORS</td>
<td></td>
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<tr>
<td>APPLIED CHEMISTRY</td>
<td>Students gain insight into how chemical substances work and the reasons for their behaviour. Strong practical skills with lots of laboratory experience, and theory as well.</td>
<td>Career options include: Chemist, food technologist, geochemist, toxicologist, QC analyst, lab technician, materials and product developer. Professional recognition: Royal Australian Chemical Institute (RACI).</td>
</tr>
<tr>
<td>Duration: 3 yrs FT / 6 yrs PT 2015 ATAR: 71.65</td>
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<tr>
<td>APPLIED PHYSICS</td>
<td>Students learn about the interactions of energy and matter, precision measurement techniques, measuring and understanding the laws of nature and how new developments in physics help to expand science and technology in our daily life, eg. LED light source, digital camera etc.</td>
<td>Career options include: Conservator, metallurgist, noise consultant, materials analyst, biophysics consultant, medical physics diagnosis, sustainable energy researcher, medical and health physicist, atomic and molecular physicist. Professional recognition: Australian Institute of Physics (AIP).</td>
</tr>
<tr>
<td>Duration: 3 yrs FT / 6 yrs PT 2015 ATAR: 71.20</td>
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<tr>
<td>BIOMEDICAL SCIENCE</td>
<td>Students gain an understanding of how the body works, disease causes and laboratory techniques of disease diagnosis. This is the only course-major in Sydney accredited by the Australian Institute of Medical Science (AIMS). Preparation for postgraduate medicine, pharmacy and dentistry.</td>
<td>Career options include: Infectious disease scientist, cancer researcher, medical lab manager, cytologist, biochemist, microbiologist, geneticist, pathologist, biological oceanographer, quarantine. Professional recognition: Australian Institute of Medical Scientists (AIMS).</td>
</tr>
<tr>
<td>Duration: 3 yrs FT / 6 yrs PT 2015 ATAR: 77.45</td>
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<tr>
<td>BIOTECHNOLOGY</td>
<td>Students learn the biological processes of living organisms, and learn how to naturally manipulate these processes in the development of new medicine, food and organic substances.</td>
<td>Career options include: Product development in industries including pharmaceuticals, agriculture, quality control in food industries, vaccine research and defence technologies. Professional recognition: Australian Biotechnology Society.</td>
</tr>
<tr>
<td>Duration: 3 yrs FT / 6 yrs PT 2015 ATAR: 77.45</td>
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<tr>
<td>ENVIRONMENTAL SCIENCES</td>
<td>Students learn how both the natural systems and marine environment works, and how it can be better managed. You will gain a thorough understanding of the way plants, animals, micro-organisms function through a combination of theory, field trips and lab work. Excursion is a core component of this major.</td>
<td>Career options include: Environment and marine officer, researcher, education officer, conservation consultant, marine scientist, aquatic ecologist, plant pathologist, plant taxonomist, ranger, pest and weed controller. Professional recognition: Ecological Society of Australia.</td>
</tr>
<tr>
<td>Duration: 3 yrs FT / 6 yrs PT 2015 ATAR: 70.70</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FLEXIBLE</td>
<td>Our most flexible degree that enables you to study core science and mathematics subjects while specialising in your areas of interest.</td>
<td>Career options include: A wide range of professional jobs, depending largely on the chosen subjects. Graduates will have versatile soft skills, like communication and team work, that are recognised in almost any industry.</td>
</tr>
<tr>
<td>Duration: 3 yrs FT / 6 yrs PT 2015 ATAR: 74.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATHEMATICS</td>
<td>Students gain a good understanding of the mathematical foundations of quantitative methods and modelling technologies used in such areas as finance, logistics, health and market research. Students can customise their degree according to their interests.</td>
<td>Career options include: Financial consultant, investment analyst, intelligence analyst, banker, computer programer. Maths graduates are in demand in a wide range of fields such as health, finance, market research etc.</td>
</tr>
<tr>
<td>Duration: 3 yrs FT / 6 yrs PT 2015 ATAR: 75.50</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEDICAL SCIENCE</td>
<td>Focuses on human anatomy and physiology. Students gain knowledge of the structure, function and control of the body system as well as the aetiology and pathophysiology of disease. An excellent preparation for postgraduate medicine, pharmacy and dentistry.</td>
<td>Career options include: Medical scientist, medical imaging technician, anesthetic technician, cardiac technician, gene therapist and in drug registration, clinical trials, dietetics, pathology, occupational health, medical research and diagnosis.</td>
</tr>
<tr>
<td>Duration: 3 yrs FT / 6 yrs PT 2015 ATAR: 77.45</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NANOTECHNOLOGY</td>
<td>Students gain insight into how the world works at the level of atoms, molecules and apply that knowledge to improve or produce materials making products more sustainable and eco-friendlier. Examples of nanotechnology products are USB, cosmetics, sun screen, iPhone etc.</td>
<td>Career options include: Nanotechnologist, material analyst or scientists, composite technologist, investment advisor, product developer and commercialisation, imaging specialist. Professional recognition: Australian Institute of Physics (AIP).</td>
</tr>
<tr>
<td>Duration: 3 yrs FT / 6 yrs PT 2015 ATAR: 71.50</td>
<td></td>
<td></td>
</tr>
<tr>
<td>STATISTICS</td>
<td>Students gain an understanding of mathematical statistics and its applications and provides them with skills to interpret data and to design data collection for maximum information at a given cost.</td>
<td>Career options include: Market researcher, quantitative data analyst, banker, investments analyst, systems analysts, credit risk analyst, maths teacher, logistics and business modelling analyst.</td>
</tr>
<tr>
<td>Duration: 3 yrs FT / 6 yrs PT 2015 ATAR: 75.50</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

continued on next page...
### Bachelor of Advanced Science Majors

<table>
<thead>
<tr>
<th>Major Name</th>
<th>Major Description</th>
<th>Career Options</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Advanced Materials and Data Science</strong></td>
<td>Students will learn the properties and development of materials, how to measure and test these properties using various experimental techniques and how to design new materials using computer simulations.</td>
<td>Career options include: A range of careers based around materials development, improvement and application of new materials either in government, defence or commercial.</td>
</tr>
<tr>
<td>Duration: 3 yrs FT / 6 yrs PT 2015 ATAR: 95.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Environmental Biotechnology</strong></td>
<td>Students learn how to manage microbes that impact the environments that we depend upon (including bioremediation, mine waste management), and use these microbes to solve problems that can lead to commercial products such as biofuels, pharmaceuticals or agricultural feed stocks.</td>
<td>Career options include: A range of careers in industrial biotechnology for the energy sector (biofuel), agricultural sector (feedstock) and environmental management (phyto-remediation).</td>
</tr>
<tr>
<td>Duration: 3 yrs FT / 6 yrs PT 2015 ATAR: 95.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Infection and Immunity</strong></td>
<td>Students learn how micro-organisms cause infections, how the host prevents and responds to infection, and understand processes both in the microbe and the host that can be targeted in clinical applications for diagnosis, treatment and protection against microbial infection.</td>
<td>Career options include: A range of career in drug discovery, development of vaccines, drug synthesis, biotechnology, medicine, pharmaceuticals, patent law and public health.</td>
</tr>
<tr>
<td>Duration: 3 yrs FT / 6 yrs PT 2015 ATAR: 93.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Pre-Medicine</strong></td>
<td>Students learn foundational knowledge, theory and practices that underlie both medical research and health professions. In the latter years, students’ learning will focus on preparing them for future careers as health professionals.</td>
<td>Career options include: The aim of this course is to prepare you for postgraduate medicine. It will also lead you into any health-related professions such as pharmacy, physiotherapy and other primary contact care professions, health policy writing, technical support of medical devices, etc.</td>
</tr>
<tr>
<td>Duration: 3 yrs FT / 6 yrs PT 2015 ATAR: 95.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Specialist Bachelor Degrees

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Course Description</th>
<th>Career Options</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bachelor of Biomedical Physics (New)</strong></td>
<td>Students gain skills and expertise between physics and biomedicine. Students will explore biomedical applications of physics, ranging from the use of nanoparticles as diagnostic and therapeutic agents to medical imaging and diagnostic instrumentation.</td>
<td>Career options include: A range of careers in its broad applications such as radiation oncology, medical imaging, radiation safety, instrument development from MRIs to simple glucose monitors or therapeutic agents based on nanoparticles.</td>
</tr>
<tr>
<td>Duration: 3 yrs FT / 6 yrs PT 2015 ATAR: 90.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Bachelor of Biomedical Science</strong></td>
<td>Refer to Bachelor of Science majoring in Biomedical Science on page 49.</td>
<td>Career options include: The same as Bachelor of Science in Biomedical Science on page 49.</td>
</tr>
<tr>
<td>Duration: 3 yrs FT / 6 yrs PT 2015 ATAR: 83.75</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Bachelor of Biotechnology</strong></td>
<td>Refer to Bachelor of Science majoring in Biotechnology on page 49.</td>
<td>Career options include: The same as Bachelor of Science in Biotechnology on page 49.</td>
</tr>
<tr>
<td>Duration: 3 yrs FT / 6 yrs PT 2015 ATAR: 75.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Bachelor of Environmental Biology</strong></td>
<td>Focuses on the natural systems, how these systems work, and how detrimental impacts can be assessed and recovered through practical learning. Students learn through a combination of theory, field trips and lab work. Excursion is a core component of this major.</td>
<td>Career options include: Environment and protection officer, researcher, consultant, aquatic ecologist, entomologist, land economist, mapping scientist, plant pathologist, plant taxonomist, ranger, pest and weed controller.</td>
</tr>
<tr>
<td>Duration: 3 yrs FT / 6 yrs PT 2015 ATAR: 71.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Bachelor of Forensic Biology in Biomedical Science</strong></td>
<td>Students are trained in both biomedical science and forensic biology, giving them an understanding of how the body works, what causes disease, disease diagnosis, and how to apply this knowledge to forensic investigations.</td>
<td>Career options include: DNA profiler, forensic scientist, scene of crime officer, biomedical scientist, researcher, and in medical diagnostics and DNA testing labs. Professional recognition: Australian and New Zealand Forensic Science Society.</td>
</tr>
<tr>
<td>Duration: 3 yrs FT / 6 yrs PT 2015 ATAR: 85.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Bachelor of Forensic Science in Applied Chemistry</strong></td>
<td>This course is the first of its kind in Australia. Students are trained in two specialisations, making them highly adaptable with the ability to work as forensic scientists or chemists.</td>
<td>Career options include: Crime scene officer, chemist, researcher, and in quarantine control, drug detection. Professional recognition: Australian and New Zealand Forensic Science Society, Royal Australian Chemical Institute.</td>
</tr>
<tr>
<td>Duration: 3 yrs FT / 6 yrs PT 2015 ATAR: 78.10</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
A PRACTICAL UNI EXPERIENCE

Want a degree that’s relevant and practice-oriented? Here are some of the options available to you when you study with UTS:Science:

> Exposure to laboratory or clinical work from day one of your study, with approximately 20 contact hours each week.

> Mathematics students are exposed to the latest mathematical software and analytical tools, with approximately 16 contact hours each week.

> Field trips and industry excursions are central features of UTS:Science programs, offered to students enrolled in subjects such as Complex Forensic Cases, Bioreactors and Bioprocessing, Marine Geosciences, and Environmental Protection.

> Internships and research projects with industry partners such as ANSTO, CSIRO, and NSW Police are available to suitably qualified students.

<table>
<thead>
<tr>
<th>COMBINED DEGREES</th>
</tr>
</thead>
<tbody>
<tr>
<td>B Biotechnology, B Business</td>
</tr>
<tr>
<td>B Engineering (Hons), B Medical Science</td>
</tr>
<tr>
<td>B Engineering (Hons), B Science</td>
</tr>
<tr>
<td>B Health Science in Traditional Chinese Medicine, BA International Studies</td>
</tr>
<tr>
<td>B Mathematics and Computing, BA International Studies</td>
</tr>
<tr>
<td>B Medical Science, BA International Studies</td>
</tr>
<tr>
<td>B Medical Science, B Business</td>
</tr>
<tr>
<td>B Medical Science, B Laws</td>
</tr>
<tr>
<td>B Science, BA International Studies</td>
</tr>
<tr>
<td>B Science, B Business</td>
</tr>
<tr>
<td>B Science, B Creative Intelligence and Innovation</td>
</tr>
<tr>
<td>B Science, B Laws</td>
</tr>
</tbody>
</table>

FOR ATARS SEE FRONT PULL-OUT
CAREERS IN SCIENCE

Some career options include:
- Chemist
- Conservation consultant
- Crime forensic toxicologist
- Energy technologist
- Environmental analyst
- Forensic scientist
- Marine biologist
- Pathologist
- Researcher
- Stock market analyst

Download the UTS:Science Careers Guide at www.science.uts.edu.au/future

DID YOU KNOW?
- UTS research is benchmarked as ‘world standard or above’ for 100 per cent of its research outcomes. UTS:Science is a world-class research intensive faculty with a growing reputation for its research quality and impact across a wide range of disciplines.

CAREER SNAPSHOT

Hayley Suen
Hospital Scientist/Research Assistant in the Institute of Haematology
Royal Prince Alfred Hospital

RADIOCHEMIST
I graduated from a Bachelor of Forensic Biology in Biomedical Science (Honours) in 2013. I chose to study at UTS because the subjects have a strong practical component that I knew employers would value.

A typical career for someone with my qualifications would be to work within the field of forensic science, such as a crime officer or forensic laboratory scientist. You could also work in DNA testing at laboratories, or as a hospital scientist in a medical diagnostic laboratories and hospitals.

In my role as a Hospital Scientist/Research Assistant in the Institute of Haematology at Royal Prince Alfred Hospital, I conduct research on patients with multiple myeloma, a cancer involving the growth of malignant plasma cells in the bone marrow. As part of my PhD, I am currently studying clonal CD8+ T cell expansions in patients with multiple myeloma. These cells are protective and patients with these cells survive for longer. However, the cells are defective and my research aims to characterise and then reverse these defects. My role also involves working outside the lab; I present my research at meetings, educational seminars and conferences. The best part of my job is that each day is different. It’s a very fulfilling role, knowing that you are part of a team working towards a better future for patients with cancer.

My advice to anyone considering a career in biomedical science would be to go for it! You are constantly required to think outside the box so you need to be motivated and resilient. It’s a challenging yet rewarding and fun career.
Electives
As well as the core subjects required by each course, students usually have to choose several additional subjects to help them accumulate enough credit points to graduate. These are called electives.

Entry pathway
Your ATAR isn’t the only way to get accepted into uni. If your marks aren’t high enough or you aren’t a recent school leaver, you have other options including TAFE or UTS:INSEARCH. See page 54.

Census date
The last day to withdraw from a subject without incurring financial penalty. There are two census dates during the year, one for each semester of study.

Combined degrees
Often referred to as a ‘double degree’, this allows students to study two programs from different academic areas at the same time and graduate with two degrees. See the ATAR pull-out at the front of this guide for a list of combined degrees.

Core subjects
Compulsory subjects within a degree. Students must successfully complete all their core subjects in order to graduate.

Credit points
It’s like a points system. Each subject is worth a certain number of credit points based on the amount of work required. You need to finish a required amount of credit points to graduate.

Credit recognition
If you have undertaken previous studies at another tertiary provider, you may be eligible to apply for credit recognition. This means that subjects you have studied previously will be recognised and you won’t have to repeat them. Formerly known as advanced standing or recognition of prior learning.

Major
This is the area you choose to specialise in during your studies.

Mature aged student
If you’re 20 years of age or older and meet the definition of a non-current school leaver, you are considered a mature age student. See page 58 for information on how to apply.

Non-current school leaver
If you are not completing year 12 at school or TAFE, and/or have been previously enrolled in tertiary education, you are a non-current school leaver.

Sub-major
Your course must have a major, but you can sometimes also choose to have a sub-major. You won’t study it as in-depth as your major, but it will give your degree an added dimension.

Tutorials
These classes are small and give you the chance to discuss ideas presented in the lectures with your tutor and other students.

Undergraduate
A student who is undertaking their first university degree. Common undergraduate degrees include bachelor’s degrees and diplomas.
ENTRY SCHEMES

Entry schemes help improve your chances of getting into the course you want by considering criteria in addition to an ATAR when assessing an application. Entry schemes available at UTS include:

**Year 12 Bonus Scheme**
If you’re a high school student, you may be awarded up to five bonus points under the Year 12 Bonus Scheme, if you do well in subjects relevant to the UTS course you wish to study.

**Business Cadetship Bonus Points**
If you want to study the Bachelor of Business at UTS, and have received a formal cadetship offer, you may be eligible for five bonus points to help your application.

**Engineering Bonus Scheme Questionnaire**
If you want to study any of the Bachelor of Engineering (Honours), Diploma in Professional Engineering Practice courses at UTS, you may be able to receive additional bonus points by completing the Engineering Bonus Scheme Questionnaire.

**inpUTS Educational Access Scheme**
If you’ve experienced educational disadvantage as a result of family, personal or financial circumstances you can apply for EAS through the Universities Admissions Centre (UAC). If eligible, you will be given a 10 point concession on the entry cut-off for any UTS course.

**Equity Funded Schools**
If you’re completing Year 12 in a school identified within the EAS school lists, and you meet the minimum ATAR of 69, you are automatically eligible to receive a 10 point concession for entry to any UTS course through inpUTS.

**Elite Athletes and Performers Special Admissions Scheme**
If you’ve competed in sport at a national level, or have been involved in extensive or significant productions in Australia or overseas, you may be eligible to receive five bonus points if these commitments have had an impact on your prior studies.

**Jumbunna Direct Entry Program**
If you identify as an Australian Aboriginal or Torres Strait Islander, Jumbunna Indigenous House of Learning can offer specialised assistance to help you gain entry into UTS. Working closely with Jumbunna, UTS:INSEARCH offer a Scholarship Program which aims to bring UTS within reach for Indigenous students.


ENTRY PATHWAYS

**Didn’t get the ATAR for the course you want? You have options.**

First, see if you’re eligible for any of the UTS Entry Schemes listed on the left.

Next, consider the following:

**Enrol in a related course**
Find a UTS course similar to the course you want but with a lower ATAR (e.g. some combined degrees have a lower cut-off than a single degree). You then have the following options:

> **Use your electives**
Electives allow you to take subjects that interest you, from almost any area of study.

> **Transfer after a year**
The marks you earn will be considered, in addition to your ATAR, if you apply for your preferred course after completing one full-time year of university. Transferring is a competitive process, so achieving good marks during your first year is essential.

**Enrol in related study or get some work experience.**

> **Related university study**
Enrol in a similar course at another university with a lower ATAR. Marks you earn during your first year of study will be considered, in addition to your ATAR, when you apply to transfer to your preferred UTS course. Application to transfer from another university is highly competitive, so achieving good marks in your first year is essential.
> TAFE or private college diploma
Completing an Australian Qualifications Framework Diploma at TAFE or a private college (and achieving good marks) will help your application into the majority of UTS bachelor’s degrees and exempt you from certain subjects.

> Retake your HSC at TAFE
TAFE offers you the opportunity to complete your HSC in one year. Alternatively, prepare for university through the Tertiary Preparation Certificate at TAFE.

> UTS:INSEARCH diplomas
UTS:INSEARCH is the premium pathway provider to UTS and offers a range of diploma programs. These diplomas give students the opportunity to fast into the second year of their desired UTS degree*. UTS:INSEARCH diplomas have been designed in consultation with the corresponding UTS faculty and are offered in six areas:

- Business, Communication, Design & Architecture, Engineering, Information Technology, and Science. For more details and articulation requirements visit www.insearch.edu.au

> Work experience
Work experience may be considered for entry alongside your previous qualifications for select courses in Engineering, IT, Science, and Health.

For full details on UTS pathways visit www.undergraduate.uts.edu.au/pathways

Jumbunna UNISTART Program
UNISTART is designed for Aboriginal and Torres Strait Islander people wishing to gain entry into a university degree. Students engage in faculty-based elective subjects for credit towards your degree of choice and study UNISTART core subjects with a group of Indigenous people who have similar experiences and ambitions. Upon successful completion of UNISTART, students can enter the UTS undergraduate course of your choice. www.jumbunna.uts.edu.au

* Domestic students successfully completing a UTS:INSEARCH diploma with the required Grade Point Average (GPA) are guaranteed entry into a UTS degree with 48 credit points of credit recognition, except students completing some Design, Science and Communications courses who receive up to 42 credit points of credit recognition. If a student does not achieve the guaranteed GPA then they will compete with other applicants based on the cut-off ATAR for their year of application. See website for full details.

Need to find another way into UTS? Make it Happen.

At UTS:INSEARCH, our whole reason for being is to propel students like you into UTS. We offer diplomas which could fast track you into the 2nd year of a UTS degree*. Better still, with small classes, dedicated academic support and access to UTS facilities, UTS:INSEARCH won’t just get you into UTS, you’ll be well prepared to succeed once you get there.

For full details visit:

insearch.edu.au
Did you know UTS awards over 1,000 scholarships each year?

These scholarships are awarded for a variety of reasons. Many recipients are rewarded for achievement, such as academic and sporting excellence. Other scholarships support students in need or encourage a greater participation of students from different backgrounds and genders.

The Types of UTS Scholarships Include:

High Achievers Scholarships:
Awarded to students who have excelled academically. Some scholarships are awarded across all UTS undergraduate degrees (e.g., the UTS Vice Chancellor’s Outstanding Achievement Scholarship, valued at $12,500 per annum for the duration of the course), while other scholarships are offered only to students within a specific faculty (e.g., the UTS Business Dean’s Scholarship, valued at $30,000).

Co-operative Scholarships:
Co-operative scholarships are awarded to candidates with a good academic record, demonstrated leadership potential, enthusiasm and dedication, and a genuine interest in an Accounting, IT or Engineering career. Co-operative scholarships are sponsored by partner organisations and usually involve an internship component. UTS offers three co-operative scholarships:
> Bachelor of Accounting Co-operative Scholarship Program (See page 11)
> Bachelor of Information Technology Co-operative Scholarship Program (See page 37)
> Engineering Industry Based Merit Scholarships

Equity Scholarships:
Equity scholarships are awarded to students on a low income. Other forms of educational disadvantage are also considered such as disability or an ongoing medical condition, a rural home address, a refugee background or carers’ responsibilities.

Scholarships for women:
UTS offers scholarships to encourage women to undertake study in areas that are traditionally male-dominated, for example, engineering.

Scholarships for Indigenous Australians:
UTS provides a number of scholarships for Aboriginal and Torres Strait Islander students. Scholarships are generally awarded on academic merit or on a combination of academic merit and financial need.

Scholarships for athletes:
ActivateUTS assists students in combining high performance sport with their studies to allow them to excel in both areas. They award three scholarships, including the Elite Athlete Program, Emerging Athlete Program and Elite Athlete Housing Scholarship.

Application dates
Applications dates vary, with some scholarship applications closing as early as June 2015. Ensure you check the UTS scholarship website for specific closing dates at www.uts.edu.au/future-students/scholarships

Find the UTS scholarship most relevant to you
With so many scholarships on offer, it can be a challenge knowing which ones are most relevant to you. To help you find the most appropriate scholarship, try out our search tool online. It will filter scholarships according to the criteria that best describes you. Visit www.uts.edu.au/future-students/scholarships
UNI FEES

All universities charge tuition fees. How much you pay depends on what course you’re studying and the subjects you choose.

Local students
Most local students will be studying in a Commonwealth supported place (CSP), where the Australian Government makes a contribution to the cost of your study while you pay a ‘student contribution’.

> Student contribution
Student contributions are calculated per subject. Subjects are split into three bands: Band 1, Band 2 and Band 3, each band varying in cost. See the table (right) as a guide to the cost of your student contribution or one year of full-time study.

> HECS-HELP
Most domestic students pay their student contribution through the HECS-HELP scheme. This means the government loans you the money to pay your student contribution, which is paid directly to the university. You will start repaying your HECS-HELP loan when your income gets above a certain amount. For the 2014-2015 tax year, the repayment threshold is $53,345.

The loan repayments can be automatically deducted from your wages if you choose, just like tax. If you don’t want to incur a HECS-HELP debt, pay your student contribution upfront by the due date and receive a 10 per cent discount*. Please note, only Australian citizens or students on humanitarian visas are eligible for HECS-HELP.

If you’re a New Zealand citizen or on a permanent resident visa, you must pay your fees upfront and are not entitled to any discount.

For more information visit www.studyassist.gov.au

> Student Services and Amenities Fee
This fee funds UTS social and cultural clubs, services for developing students’ study skills, ActivateUTS food, beverage and retail outlets (including a 10 per cent discount), the free legal services centre 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 new government loan scheme called SA-HELP.

UTS FINANCIAL ASSISTANCE

The UTS Financial Assistance service can assist with practical and financial aspects of life at university and advise on the options available to you. They also offer one-off student loans for financial emergencies. Loans are generally for a maximum amount of $500 and are interest free. There’s also a range of financial assistance programs for local students who demonstrate financial need. Visit www.ssu.uts.edu.au/fassist

Government income support
Australian citizens and permanent residents may be eligible for a Centrelink benefit. Visit www.humanservices.gov.au

Fees from 2016 onwards
As part of its 2014-15 Budget announcements, the Federal Government indicated its intention to introduce major changes to higher education funding that will have significant implications for universities and students, particularly Commonwealth Supported students. These changes are subject to the passage of legislation. Check www.uts.edu.au/future-students/undergraduate for updates.

For more information visit www.fees.uts.edu.au

STUDENT CONTRIBUTION BANDS 2015

<table>
<thead>
<tr>
<th>BAND</th>
<th>AREA OF STUDY</th>
<th>2015 STUDENT CONTRIBUTION FOR 1 FULL-TIME YEAR</th>
<th>2015 STUDENT CONTRIBUTION FOR 1 X 6CP SUBJECT*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Band 3</td>
<td>Law, Accounting, Commerce, Economics, Administration, Dentistry, Medicine, Veterinary Science</td>
<td>$10,266</td>
<td>$1,283</td>
</tr>
<tr>
<td>Band 2</td>
<td>Mathematics, Statistics, Computing, Built Environment, Other Health, Allied Health, Engineering, Science, Surveying, Agriculture</td>
<td>$8,768</td>
<td>$1,096</td>
</tr>
<tr>
<td>Band 1</td>
<td>Humanities, Behavioural Science, Social Studies, Education, Clinical Psychology, Foreign Languages, Visual and Performing Arts, Nursing</td>
<td>$6,152</td>
<td>$769</td>
</tr>
</tbody>
</table>

*Not all UTS subjects are 6 credit points; subject fees will vary according to credit point value.

Get more information visit www.uts.edu.au/international

Subject to passage of legislation, the discount applied to upfront payments may be removed from 2015.
1 FIND A COURSE
Check out the course information pages of this guide (pages 10 – 52), as well as the UTS website www.uts.edu.au

2 CHECK OUT YOUR ENTRY REQUIREMENTS

High school leavers:
If you complete your HSC (or equivalent) in 2015, selection for most UTS undergraduate courses will be based entirely on your ATAR. As a guide, use the 2015 ATAR cut-offs at the front of this guide.

Mature aged and non-current school leavers:
If you are not a high school leaver, your ATAR or post-school qualifications/study may be considered along with additional selection criteria:
> Personal statements (Health courses only)
> Design portfolio (all Design courses, excluding the Bachelor of Design in Architecture)
> Minimum one year work experience (courses within the faculty of Engineering and IT)

Indigenous students
If you’re an Australian Aboriginal or Torres Strait Islander, Jumbunna Indigenous House of Learning can provide specialised assistance to help you gain entry to UTS through the Direct Entry Program (see page 54) or UNISTART Program (see page 55).
Tel: 1800 064 312 [free call within Australia]
www.jumbunna.uts.edu.au

International students
Please note this guide is not intended for international students and not all courses are available to international students. Course information for international students is available in the relevant UTS:International Course Guide, and online at www.uts.edu.au/international
Applicants who are not citizens or permanent residents of Australia, or citizens of New Zealand, must apply as international students directly through UTS:International.
Tel: 1800 774 816 [free call within Australia]
Tel: +61 3 9627 4816 (for international calls)
www.uts.edu.au/international

3 VISIT UTS AND INVESTIGATE YOUR OPTIONS

Attend UTS Open Day
When? Saturday 29 August 2015
Visit our campus and attend a range of lectures, info sessions and talk one-on-one with academics and current uni students.
www.openday.uts.edu.au

Check if you’re eligible for scholarships
When? Scholarships open as early as June 2015.
See if you’re eligible for one of the many available scholarships at www.uts.edu.au/future-students/scholarships

Investigate your eligibility for entry via entry schemes
UTS offers various entry schemes to assist students with getting into university. See page 54 for a list of schemes.
APPLY THROUGH UAC

When? On-time applications close at the end of September, 2015*.

Applications for most UTS undergraduate courses must be lodged online through The Universities Admissions Centre (UAC) at www.uac.edu.au

All the information you need on how to do this is in the UAC Guide – on sale in most newsagents or accessible on the UAC website. Year 12 students can obtain a free copy of the guide from their school.

If the course you’re applying for has additional selection criteria, you may need to submit the relevant material to UTS, in addition to your application with UAC. Check out the UTS: Handbook for specific course application details. www.handbook.uts.edu.au

REVIEW YOUR OPTIONS ONCE YOU RECEIVE YOUR RESULTS

Check if you’re eligible for bonus points*

When? Once your HSC results are released on 16 December 2015#.

With your performance bands in hand, visit our bonus points table to see if you’re eligible for up to five bonus points in addition to any points you may receive from one of our other entry schemes. www.undergraduate.uts.edu.au/entryschemes

*For high school leavers only.

ACCEPT YOUR OFFER

Main round offers are e-released via UAC. Check the UAC website for offer round dates at www.uac.edu.au

ONCE YOU’RE IN...

If you receive an offer to study at UTS, keep the following dates in mind.

January to late February 2016: Enrolment for new students. www.start.uts.edu.au
21 March 2016: Autumn Semester begins (Semester 1)
VISIT US
Chat to academics, take a tour or attend an info session.

UTS Open Day
Saturday 29 August 2015
9am – 4pm
UTS City campus

Register at www.openday.uts.edu.au

POST IT
Ask us on Facebook or join one of our many online Live Q&As.

UTSFutureStudents

SIGN-UP
Sign up for our monthly student e-newsletter.

uts.ac/shortcUTS2015

BROWSE
Visit our website.

www.undergraduate.uts.edu.au
AUSTRALIA’S NEWEST CAMPUS

OUR REINVENTED CAMPUS IS NOW READY, WITH THREE NEW BUILDINGS AND A HOST OF WORLD-CLASS FACILITIES. VISIT US TO SEE WHY UTS IS AUSTRALIA’S MOST INNOVATIVE CAMPUS.

UTS OPEN DAY
SATURDAY 29 AUGUST 2015
City campus, 9am – 4pm
Register online at openday.uts.edu.au

UTS: COURSES & CAREERS 2016

BUSINESS
COMMUNICATION
CREATIVE INTELLIGENCE & INNOVATION
DESIGN, ARCHITECTURE & BUILDING
EDUCATION
ENGINEERING
HEALTH
INFORMATION TECHNOLOGY
INTERNATIONAL STUDIES
LAW
SCIENCE

DISCLAIMER: The information in this brochure is correct as of February 2015. Changes in circumstances after this date may alter the accuracy or currency of the information. UTS reserves the right to alter any matter described in this brochure without notice. Readers are responsible for verifying information that pertains to them by contacting the University.

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