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Message from the Vice-Chancellor



The University of Technology Sydney (UTS) is a young and dynamic university that marks the gateway to Sydney — Australia's economic, multicultural and creative global city. Our vibrant campus is located in the heart of Sydney's innovative and cultural precinct and next to its central business district, giving you access to all that the harbour city has to offer.

UTS is widely known for its innovative learning and teaching approach which integrates the best of online and face-to-face experiences. Our staff are thought leaders and practical innovators with wide-ranging experience both inside and outside of the classroom. Our mentoring programs, internship experiences and Industry Doctorate Program can connect you with highly-skilled practitioners and top organisations. Our location and reputation allows you to engage with world-class research teams and facilities, as well as relevant industry, government and community partners.

We are committed to future-focused learning, high-impact research and effective partnerships with industry and community which is reflected in the design of our campus. The university's inner-city campus has recently been transformed through a \$1.3 billion redevelopment plan, providing dedicated spaces for research students, more student accommodation and new buildings containing cutting-edge technologies and facilities.

At UTS we also offer scholarships to help our research students with their education and living costs. Our comprehensive range of support services and activities, many of which are free, ensure research students remain connected and engaged with the UTS community through student events, workshops and presentations.

UTS is also well-known for its rich contribution to the research sector. One hundred per cent of UTS's broad research fields have been benchmarked at world standard or above by the Australian Government's most recent Excellence in Research for Australia (ERA) evaluation and we are leading the country when it comes to research impact (2019 Engagement and Impact Assessment).

These are just some of the reasons why we're rated the top young university in Australia and within the top 200 universities globally (QS Top 50 Under 50 2020, and Times Higher Education 2020). So if you're passionate about making a positive impact in the world, we want you to join our growing community of world-class researchers. I look forward to welcoming you to UTS.

Professor Attila Brungs
Vice-Chancellor and President

Message from the DVC Research



Discovery, problem-solving, critical thinking and creativity are features shared by great research and inspiring learning environments. At UTS, we integrate our approach to research and learning, so our students are engaged with the research our academics are undertaking as well as being supported to utilise inquiry-based approaches to research and form strong and extensive networks nationally and internationally.

That is our commitment to research degree students.

Our research and learning model, combined with our vibrant research culture, strong engagement with industry and an unwavering commitment to social justice, is what that sets us apart as Australia's number one young university.*

As a postgraduate research student at UTS, you'll study with academics and practitioners committed to undertaking research at the highest levels of international knowledge creation. At the end of your degree, you'll be equipped with deep specialist knowledge combined with an innate ability to explore, think and act systemically and consider a range of different perspectives preparing you for entrepreneurial career pathways, senior roles in industry, or for a future career in research.

You'll have the opportunity to study in our future-focused inner city campus, a \$1.3 billion redevelopment providing dedicated spaces for research students, more student accommodation and new buildings containing the technologies and facilities used by researchers to create the future.

If you're passionate about producing high-quality, globally-respected research that makes significant economic, environmental, and societal impact, we want you to join our growing community of world-class researchers. I look forward to welcoming you to UTS.

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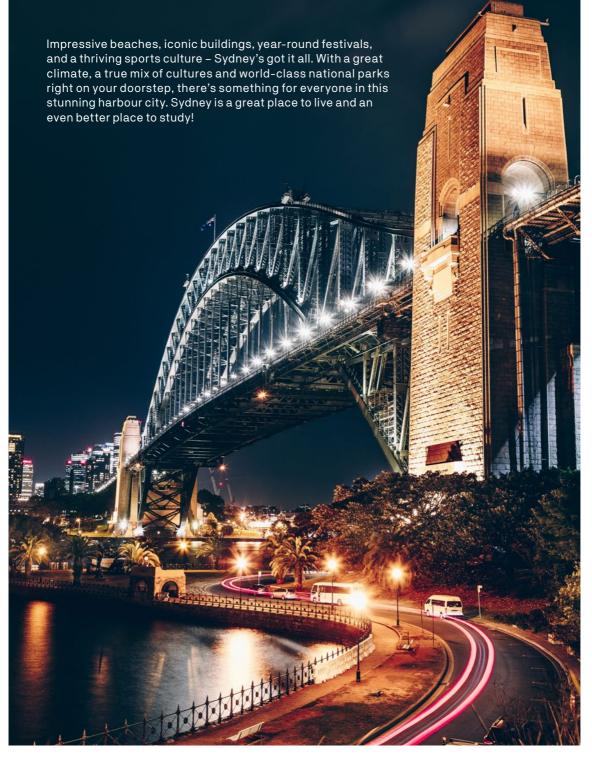
Professor Kate McGrath
Deputy Vice-Chancellor (Research)

*Times Higher Education Young University Rankings 2015–2019 and QS Top 50 Under 50 2018–2020

Research at UTS At UTS, our research is exemplified by excellence, impact, engagement with global partners, and innovative collaborations that transcend disciplinary and professional boundaries. We are committed to producing high-quality, globallyrespected research that makes significant economic, environmental, cultural and social impact. To this end, we are building research capacity and performance in a number of areas aligned to the UTS 2027 vision (strategy.uts.edu.au), which is to be a leading public university of technology recognised for our global impact. Learn more at uts.edu.au/research







Top 10 things to do around Sydney



Crowd pleasers

See Sydney shine throughout the year thanks to our lively events calendar. Whether it's the Sydney Festival – a celebration of performing arts, Sydney Biennale – the largest visual arts event in Australia or one of our many music, film, comedy, food or sporting festivals, you'll always find something to do, most likely outdoors and for free.





- Don't miss the international symbol of Sydney – the Sydney Opera House. Step beneath the sails of Danish architect Jørn Utzon's masterpiece to see a performance or take a tour.
- 2 Explore Sydney by ferry, crossing our sparkling harbour to learn to surf at Manly, for fish and chips at Watson's Bay or to discover our convict history at the World Heritage-listed Cockatoo Island.
- 3 Take a spectacular cliff top coastal walk from Bondi Beach to Coogee. Discover sweeping views, pristine beaches, and if you look carefully, ancient Aboriginal rock engravings. During October catch Sculpture by the Sea: the world's largest free outdoor sculpture exhibition.
- 4 Get cultured in the great outdoors. Enjoy a free concert under the stars at Symphony in the Domain, explore a wonderland of light art and urban projections during Vivid Sydney or take a seat at the open-air cinema where a giant movie screen rises from Sydney Harbour.
- Discover our rich history in The Rocks. Explore Sydney's oldest pubs, historic laneways and archaeological remains under the shadow of the Harbour Bridge. Mingle at the Rocks Markets and sample foods from around the world.

- 6 Grab a meal and catch an incredible fireworks display every Saturday night at Darling Harbour. During the day, visit the Sea Life Sydney Aquarium to see magnificent dugongs, sharks, stingrays, and thousands of tropical fish. Escape the crowds in the serene Chinese Garden of Friendship.
- 7 Meet Australia's unique native animals at the world-famous Taronga Zoo. Hear stories of Australian wildlife and the Dreaming from an Aboriginal guide and get up close with koalas, kangaroos and wallabies.
- 8 Explore the twisting inlets and harbour islands of Sydney Harbour National Park. Walk over the Sydney Harbour Bridge (affectionately known as The Coat Hanger) and enjoy a picnic in Wendy Whiteley's Secret Garden at Lavender Bay.
- 9 Barrack for your team while watching a game of cricket, tennis, rugby league, footy or soccer at one of our popular sports grounds. Get in the mood by wearing team colours and tasting a meat pie with tomato sauce – our classic Aussie cuisine.
- 10 Catch the train to the World Heritage-listed Blue Mountains. Visit the iconic Three Sisters and explore the magnificent lookouts, waterfalls and hazy blue valleys. Get your adrenaline pumping mountain biking, canyoning or rock climbing.

Experience Sydney

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6th Best City in the World

Condé Nast Traveller's Top 10 Big Cities 2018

9th

Best Student City

QS Best Student Cities 2018

11th

Best City for Quality of Life

Mercer's 2019 Quality of Living survey

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Bondi Beach is only 30 minutes away from UTS by public transport

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Sydney enjoys a sunny climate with mild winters and warm summers. During summer, (December – February) average temperatures range from 19 – 26° C (65 – 78° F). During winter (June – August) average temperatures drop to between 9-17°C (48 – 63° F). There's an average of 243 days sunny days recorded every year.

Information source: australia.com





Suman Laudari – Nepal No longer a stranger to Sydney

"I like Sydney because you get to meet people from all over the world, it is very multicultural. I also love being in nature and Sydney really offers that – if you take a train ride for half an hour, you can go to a place where you get to explore and enjoy nature."



Sydney's city university

Expand your horizons in the heart of Sydney

Imagine waking up in Australia's most dynamic, cosmopolitan and dazzling city. Welcome to Sydney: our nation's cultural centre and business capital.

A great place to build your future

Location is everything. At UTS, you'll study in the centre of a rapidly changing urban environment with industry opportunities on your doorstep. We're part of an energetic technology hub that hosts more than 60 per cent of regional technology operations.

More than 90 per cent of banks base their regional headquarters here. While more than 40 per cent of Sydney's digital and creative industries reside in our neighbourhood. Sydney is also the place to be an entrepreneur: we're home to 60 per cent of Australia's start-ups, many bursting with possibilities and inspired thinking right by our campus.

A safe and friendly city

Our reputation as a safe and sociable city is one of the reasons why 35000 international students* choose to make Sydney their home-away-from-home. Australians are known for their relaxed attitude to life. We take pride in our friendliness, respectful nature and culture of equality.

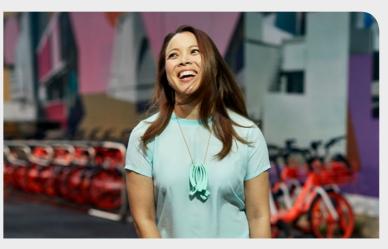
As you settle into student life, you'll become part of a caring multicultural community. With new friends and a supportive UTS network around you, your transition to life in Australia will be a rewarding and exciting experience.

Convenient, inspiring, fun

No matter where you're coming from, or going to, UTS is easy to get to. We're walking distance to the CBD, Darling Harbour, shopping, food, sport, and nightlife. You're also a few minutes' walk away from transport hubs Central Station and Railway Square so you can safely spread your wings and explore. When you need to travel interstate or overseas, you're close to Australia's biggest international and domestic airports. From breakfast in Bondi to an evening at the Opera House, vou'll experience many unforgettable moments in our wonderful city.

*City of Sydney international student survey.







Spice Alley

Tucked behind the narrow laneways alongside Central Park, Spice Alley is Australia's first outdoor Singaporean-style hawker centre. From behind a facade of heritage terraces, the aroma of exotic spices entices hungry locals to meet under swinging red lanterns as they tuck in to street food staples at student prices. Operated by Sydney's most popular Asian restaurants, enjoy Vietnamese market foods. Chinese-Malay fusions, Thai curries, the fast foods of China, and more.



Broadway Sydney

For 90 years Broadway was home to the grand old Grace Bros Building with its elegant architecture and distinctive clock towers. This sensitively restored heritage building now serves 21st century shoppers. A ten-minute stroll from UTS, Broadway Shopping Centre features three supermarkets, a 500-seat food court, a 12-screen cinema and major retailers including Kmart, Target and Apple plus 100 speciality shops.



Chinatown and Haymarket

Chinatown and Haymarket's dumpling houses, yum cha palaces and neon-lit nooks are irresistible. A short walk from UTS, you'll also explore night markets, arcades and malls while discovering some of Sydney's best Asian supermarkets. The iconic Paddy's Markets dates back to colonial times and is also packed with bargains. At night, get your sing-along on at a quirky karaoke lounge. During February, celebrate the Lunar New Year with dazzling lion and dragon dances, giant zodiac lanterns and, of course, fabulous food.



Central Park

Central Park is a downtown oasis directly opposite UTS. Enter the main tower dripping with a living tapestry of plants and vines (the world's tallest vertical garden) to experience shopping, cinemas and surrounding parklands. Grab a bite at one of the many outlets including Cuban, Mexican, Chinese, Indian or Brazilian or relax at the Old Clare Hotel for a lazy afternoon.

UTS rankings





5 STAR
RATED

for excellence
across 7 categories

★ ★ ★ ★ ★

QS Stars™ 2018-2021
Quacquarelli Symonds (QS)

100%
of UTS research has been benchmarked at world standard or above

Australian Government's Excellence in Research for Australia (ERA) evaluation in 2018

2019 snapshot of UTS



45 930

students enrolled at UTS onshore and outside Australia 15 134

international students

1085

incoming study abroad and exchange students 256

UTS students studying overseas on exchange

TOP 300

OVERALL

Academic Ranking of World Universities (ARWU) 2019

Shanghai Jiao Tong

FACT

The iconic UTS
Tower Building is the
tallest educational
building in Australia
at 28 stories high!

TOP 200 OVERALL

World University Rankings 2020

Times Higher Education

YOUNG UNIVERSITY RANKINGS 2019



in Australia



Times Higher Education

uts.edu.au/rankings

383

UTS students studying overseas on a short-term experience 33 070

undergraduate students

10 720

postgraduate coursework students 2140

postgraduate research students 3896

full-time staff



We've invested A\$1.3 billion to create an immersive new university experience using sustainable design to shape the way you learn.

Our iconic buildings, techdriven learning spaces and designated industry hubs place students at the centre of the creative learning experience so they can benefit from an active, connected and collaborative education.

uts.edu.au/campus



UTS Central

Opened in 2019, UTS has its own 'heart of glass' in the form of UTS Central.

Bringing a striking transparency to the centre of campus, the futuristic 17-storey glass façade encloses a student hub, food court, a range of collaborative teaching, faculty and research spaces, and a 270-seat Hive Super Lab.

The highlight of UTS Central is a new sun-drenched library featuring a three-level reading room. Echoing the world's great scholarly reading rooms, its towering floor-to-ceiling bookshelves house an impressive collection of books for student use.



UTS Tech Lab

UTS Tech Lab is a multidisciplinary engineering and IT facility designed to disrupt traditional university approaches to research.

Located in the Botany industry hub next to Sydney's airport, this incubator for researchers promotes collaboration with industry and government to develop innovative technologies in countless arenas.

UTS Tech Lab's specialist laboratories possess advanced capabilities and equipment unique to Australia. Combined with its collaborative workspaces, UTS Tech Lab seamlessly blends new and traditional modes of working so that people and ideas flow freely.



Dr Chau Chak Wing Building

A Sydney landmark. The Dr Chau Chak Wing Building is home to UTS Business School.

Inspired by a tree house as 'a growing learning organism with many branches of thought,' it's the only building in Australia designed by world-renowned architect Frank Gehry.

Its classrooms and oval lecture theatres facilitate discussion and encourage collaboration while large student commons offer inviting places for students to study and relax.



Engineering and IT Building

Described as a 'living laboratory.' the Engineering and IT Building is covered in binary code screens that display real-time performance data internally throughout the building.

Inside, technology-enabled teaching, research and social spaces are clustered around a fissure shaped atrium.

Home to the most advanced data visualisation facility in Australia, the building's immersive 3D Data Arena creates 360-degree representations of data enabling academics and industry to visualise complex information, identify trends and solve problems.



Vicki Sara Building

Home to the Faculty of Science and Graduate School of Health, the Vicki Sara Building boasts world-class laboratories, simulation labs and health care consulting clinics.

It features a world-first Super Resolution Imaging System that enables research into the cell biology of living micro-organisms, which is crucial to understanding the behaviour of infectious diseases. While a Super Lab, the first of its kind in Australia, accommodates up to 220 students from 12 classes facilitating a multidisciplinary learning environment.



Study spaces

Whether it's a quiet spot to study, an AV-equipped pod for group work or somewhere to host a social catch-up, there's plenty of space for students on campus.

Our many student commons are available to relax between classes. meet friends or read over coffee. Students without a laptop can use our free desktop computer workstations around campus.

These purpose-built student spaces, most offering power outlets, USB ports for charging devices and free Wi-Fi, are another way to make UTS feel like home.



Moore Park campus

Our new Moore Park campus, next to the Sydney Cricket Ground and the Rugby Australia Building, is the first in Australia to combine university programs with a major sporting venue.

UTS students, sector-leading sport and exercise scientists. physiotherapists, and elite athletes are connected in Sydney's premier sporting precinct.

This integration of science and sport offers UTS hands-on access to elite athletes and provides the Australian Rugby Union with valuable performance, injury-management and rehabilitation data.



Alumni Green

Modelled after leading European town squares, Alumni Green is a welcoming green oasis and ceremonial gathering space at the centre of campus.

Its gardens provide a sanctuary of trees, plants and shade. While a range of spaces (including outdoor ping pong tables) are ideal for socialising, studying and relaxing.

Well connected and entrepreneurial

We've built partnerships with some of the world's most innovative and successful companies that share our passion for creativity and technology – partnerships that will play a key role in shaping your future.

Industry connections

Our courses are developed and reviewed in consultation with leading industry practitioners ensuring your learning is relevant to the changing needs of your profession.

You'll work on industry projects, create solutions to real-world problems and participate in industry-run competitions. You may even undertake a workplace internship or placement as part of your degree.

Beyond the classroom, we'll offer opportunities and help you establish valuable professional connections.

Many of our degrees are industryaccredited meaning your degree will be recognised nationally and internationally.

Teaching excellence and practical education

Practice makes perfect. Nobody knows that better than our exceptional teaching staff.

Many are acclaimed professionals who bring a wealth of industry expertise to the classroom through live case studies and practice-based assessment.

They're at the top of their game, but they're also committed to nurturing their students. They will push you in ways you didn't think possible so you can excel in ways that matter.

Our adjunct professors and visiting practitioners also ensure your education is relevant by sharing how theory is applied in real-world situations.

Research that matters

UTS is a future-focused research university with an emphasis on technology, creativity and social disruption.

We believe universities should work for the greater good by driving social change beyond campus, locally and globally, through research and practice.

We are committed to fostering the next generation of progressive researchers for academia and industry.

We're collaborative too. Our Key Technology Partnerships Program is responding to the expectations of industry by building unique, long-lasting relationships with research partners.





Unleash your research impact with UTS Startups

Are you looking to create an impact with your research?

You might not know it yet but research and entrepreneurship go hand in hand. As a research student, vou have more in common with an entrepreneur than you probably realise. UTS Startups can be your partner on the journey to translate your research into a viable practice, product or service and make realworld impact.

UTS Startups is the home of student entrepreneurship at UTS. We inspire and support students along their entrepreneurial journey to be future ready for their careers. Whether you want to translate or commercialise your research, follow an academic path, innovate within an organisation, or launch your own research-led business, make entrepreneurship a part of your research journey with UTS Startups.

Skills and tools

Give yourself an edge. Our immersive workshops and bootcamps for researchers will introduce you to entrepreneurship tools and methods such as Design Thinking to solve problems, test your research, create impact, and launch a business. And our online Entrepreneurship Toolkit is ready to empower you at any stage of your journey.

Mentorship

Get good advice. It is never too early in your research journey to reach out. Figuring out the right entrepreneurial path, and finding the right connections should not be a headache. We work with you to develop a plan and polish your research. We use our network to give you access to people who meet your needs: advisors, investors, thought-leaders, potential board members and your future customers. This approach takes your research to the next level. Our members are supported through regular checkins and have access to expert

mentors. And being a part of the fast-growing UTS Startups founder community, you'll be surrounded by fellow student entrepreneurs who are ready to share their knowledge and skills.

Partnerships

Find the right source of funding to maximise your research impact. There are many opportunities for funding and investment through venture capital, industry and government. UTS Startups is deeply integrated in Australia's thriving startup ecosystem and has formed a range of partnerships, such as CSIRO's Main Sequence Ventures, to help researchers access venture capital, and the funding needed to translate your findings into impact.

Connect with us

entrepreneurship.uts.edu.au startups@uts.edu.au @UTSStartups UTS Startups LinkedIn

Powered by UTS Innovation and Entrepreneurship.



Connect. Live. Learn.

As an international student, you'll experience a new country with fresh outlooks, foods and customs. We're here to help you immerse yourself in your new culture, discover interests you wouldn't encounter back home and make lifelong friends. The best way to start is to dive right in!



UTS International

international.uts.edu.au

Our team understands what's required to achieve academic success and wellbeing at UTS. We're here to help you settle in and stay happy and safe. We provide friendly advice and assistance to all international students. You'll find us on level 3A of the Tower Building.



Orientation

orientation.uts.edu.au

Experience the best introduction to life at UTS during orientation. Attend seminars, workshops and social events to learn about our support services, make friends and gain insider tips on living in Sydney.

On O'Day, take a campus tour so you can easily find the library, computer labs and your lecture rooms. Join clubs and societies and take advantage of free give-aways, food, student offers, and demos.

Make sure you attend one of the mandatory international student sessions and your faculty welcome to get important information about your course, meet your lecturers, other students, and discover exciting upcoming opportunities.



Peer network

uts.edu.au/current-students/ opportunities/peer-networkprogram

You've travelled a long way from home to study here. If you're looking for a friendly face when you arrive on campus, seek out one of our Peer Networkers in their signature orange t-shirts.

They're UTS students who'll answer questions, help you find your way around campus and make Sydney feel a little more like home.

Our weekly Network Café also brings together overseas students. Hosted by current UTS students, you can practise your English, learn about Australian culture and ask questions about life at UTS.



UTS Library

lib.uts.edu.au

The UTS Library provides services to support students at all stages of their studies. Workshops and training sessions are run throughout the year on finding information, managing data, referencing, publishing strategies, and maximising the impact of your work. Content on the UTS Library website provides additional specialised support for researchers. HeadsUp:Researchers supports students through a series of online tutorials, providing an overview of skills needed across the research life cycle.

The Library has an extensive collection of journals, books and other resources, both online and in print, and provides free access to a wide range of research databases and other tools such as referencing software. If the resource you are after isn't in the Library's collection a Request for Purchase or InterLibrary Loan can be submitted. Librarians are also available to provide assistance via individual consultations, email, chat and social media channels.

When you're ready to lodge a digital copy of your thesis, you can upload it via the Library website and our team will publish it in the UTS digital repository, Open Publication of UTS Scholars (OPUS).



Sport and recreation

activateuts.com.au/sport

Join one of our 30 sports and recreation clubs or sign up with ActivateFit: our on-campus gym. You can also combine your love of fitness and travel with our ActivateUTS Recreation program where you can explore Sydney and its surrounds through sports events, day trips and weekend getaways.



UTS Shopfront

shopfront.uts.edu.au

UTS Shopfront places students at the centre of the community sector so they can make a difference to local not-for-profit organisations. Through volunteering, collaborative projects and community-engaged research, you'll gain valuable experience and help build sustainable communities.

The UTS SOUL Award program run by UTS Shopfront, gives you the opportunity to gain valuable local volunteering experience, taking your research into the real world or exploring something new. Skill-up workshops in communications, social issues and project management help you have more impact and you'll have fun meeting students across a variety of faculties. All while experiencing the wellbeing benefits of getting out in the community and giving back.

Support services

Being alone in a new city can be overwhelming at times. If you're having trouble adjusting to life in Sydney or at university, take advantage of our free support services including health and wellbeing services, counselling, English language tutoring, and study skills workshops.

Health and wellbeing

uts.edu.au/current-students/ support

We offer a range of services to ensure you stay healthy and safe on and off campus.

Medical service

Our UTS Health Service provides free friendly and confidential medical consultations to students. staff, alumni, and their families.

Mental health services

Our confidential and free counselling service can help you with a range of personal, relationship, academic, and psychological difficulties. Our group counselling workshops can support you through the pressures of study, work and life. Face-toface counselling sessions are also available in Mandarin and Cantonese.

UTS Psychology Clinic

The UTS Psychology Clinic is a not-for-profit research clinic and training facility for postgraduate Clinical Psychology students in the Graduate School of Health, It's open to UTS students, staff and the public offering reduced-fee services.



Safe, fair and supportive

uts.edu.au/current-students/ students-with-accessibilityrequirements/accessibility-service

We value diversity at UTS. We're committed to supporting all students to join in all university activities. If you've got a disability or ongoing health condition that could affect your studies, our UTS Accessibility Service can help.



Social clubs and events

activateuts.com.au

Engaging in extra-curricular activities will give you a rewarding. well-rounded university experience. There's lots of ways to get involved at UTS beyond the classroom. With over 130 clubs and societies, you'll find the right one for you. We also host a jam-packed events calendar that includes free weekly breakfasts, BBQs. live music, art exhibitions. and festivals.



Multi-faith Chaplaincy

uts.edu.au/current-students/ support/health-and-wellbeing/ multi-faith-chaplaincy

We welcome and respect beliefs of all kinds at UTS. Our Multi-faith Chaplaincy represents Buddhist, Christian, Jewish, and Islamic staff and students. Our chaplains can assist you with a variety of concerns including homesickness, loneliness and spirituality.



The Graduate Research School support services

Behind every great research student is a comprehensive network of support. UTS offers a range of support including scholarships and researcher development programs, as well as tailored support for Indigenous students and students with disabilities.

UTS Graduate Research School

The UTS Graduate Research School (GRS) is the central support unit for Higher Degree by Research (HDR) students at UTS. From the initial application to development of your research career skills, the GRS team are dedicated to assisting you with managing your candidature, scholarships and study queries. GRS offers a range of workshops and resources to develop your skills and knowledge as a researcher throughout your research degree. From the academic to the social. through the e-newsletter Research Insider, GRS keeps you up to date on everything you need to know about researching at UTS. GRS also organise social events for you to stay connected within the UTS research community.

The UTS Graduate Research **Education Framework (GREF)**

Graduate research programs at UTS are structured in accordance with the Graduate Research Education Framework (GREF). The UTS GREF is a university-wide initiative that involves faculties, research centres and the GRS. The framework has two main aims: to support the advancement of knowledge through original graduate research and to develop the graduate research student as a researcher prepared for careers in academia and/or industry. This framework articulates the support you will receive and are expected to engage with while undertaking a graduate research degree at UTS. The UTS Graduate Research Education Framework:

- Involves a panel of supervisors
- Is guided by a Graduate Research Study Plan (GRSP)
- Comprises of three formal candidature stages including assessment
- Is monitored on a session-bysession basis through a Review of Progress (ROP)
- Includes mandatory and optional training components
- Involves undertaking a program of research that adheres to research management best practice
- Culminates with the submission of a final thesis for examination
- Provides a supportive research environment.

UTS Graduate Research School (GRS) research student development workshops

GRS runs a series of research student workshops that are categorised under various programs throughout the year. The programs listed next are situated within the UTS Graduate Research Education Framework for and aim to support and develop your capacity as a researcher, as well as build your knowledge and skills in research practice.

General Research Development program

Research workshops in this program will support you throughout the three stages of your candidature, commencing with Research Orientation through to Submitting Your Thesis. These workshops provide you with the necessary skills that will assist you in both academic and practical ways as a researcher. Some of the workshops include HDR Induction, Time Management for Research Students, Managing your Research Project, Finding Funding. Preparing for Stage One Submission, Finalising and Submitting your Thesis, HDR Career Conference, etc.

Research Literacies program

The Research Literacies (RL) Program comprises a series of interactive workshops that are offered twice a year. RL workshops focus on the research communication skills needed to help you further the knowledge required to progress through your candidature and beyond as established researchers. In addition, RL Summer/Winter Schools and Thesis Boot Camps are held in block mode at various stages throughout the year.

Qualitative research methods

The series of courses in the Qualitative Research Methods specialisation aim to provide students with the fundamental knowledge and practical skills required to conduct qualitative research.

In five intensive short courses students learn the fundamental knowledge and practical skills in designing and conducting qualitative research. Students are introduced to a range of research designs, methods of data collection and data analysis, and standards of validation. The program is organised as five short courses:

- 1 Foundational Issues in Qualitative Research - Course
- 2 Common Qualitative Methods (Autumn only) - Course
- 3 Approaches to Qualitative Data Analysis (Autumn only) - Course
- 4 Strategies of a Qualitative Inquiry (Spring only) - Course
- 5 Developing a Qualitative Research Design (Spring only).

Quantitative research methods (statistics)

GRS runs a series of workshops to foster statistical planning in the design and conduct of a quantitative research study. Students are encouraged to develop proficiency in the statistical software of their choice. The stream is organised as 3 quantitative short courses which are offered in block mode:

- Design and Analysis of Questionnaire Surveys
- Design and Analysis of Experiments
- Statistical Analysis and Data Modelling

Programs for specific cohorts

GRS offers a number of programs for specific cohorts. These include:

- KickStart@UTS: an academic and social orientation program for international HDR students. Students participating in this program will develop social and academic support networks at UTS, find out where to go for help

- with their research, how to make the most of the various library resources available, begin their literature reviews and clarify first year research expectations.
- Women HDR@UTS: A networking, leadership and career development program for HDR students.
- Industry Researcher Development Program: a researcher development program for students enrolled in the UTS Industry Doctoral Program (IDP). It is designed to help IDP students develop the skills required for a research career in industry. For more information:

IRDP.uts.edu.au

Online resources

GRS offers a range of online resources which are available to UTS HDR students. The e-Grad School Australian Technology Network is a joint initiative provided by the (ATN) of Universities. The e-Grad School is a virtual graduate school providing facilitated online courses that promote the development of professional skills such as project management, entrepreneurship and research practice. The courses complement the existing research development program for research students. Useful Resources and Information for HDR Students consists of a suite of self-paced online tutorials, and learning materials other useful resources that have been developed in-house or curated by the GRS Researcher Development Team at UTS.

Research student social networking program

GRS organises regular free social activities for research students which includes themed monthly Researcher Café for coffee catch-ups, University wide Three Minute Thesis (3MT) competition, and annual End of Year party. The program provides you with an opportunity to network and seek connections with research peers across the broader research community in a relaxed social setting. You can also join weekly research student-led activities on campus.

Australian Postgraduate Research (APR) intern program

Internships are a great way to gain valuable experience in your industry and shape your future career as a world-class researcher, UTS has partnered with APR Intern to strengthen industry-academic research collaborations. Please visit the research student internships page for further information.

Library programs

The UTS Library's HeadsUp: Researchers suite of on demand training modules offer a range of training for researchers on topics such as Research Data Management, Publishing and Metrics, Copyright, Writing and more. Sage Research Methods is a subscription-based library of online researcher development modules, which cover a range of topics including research planning, qualitative research methods and quantitative research methods. Lynda.com is a vast online library of instructional videos covering the latest in technology, creative, and business skills taught by accomplished teachers and recognised industry experts.

Your pathway to graduate success

Your career is in your hands. Preparation for a successful professional career starts from your first week at university. UTS Careers offers tools and resources to guide you on the path to reaching your career goals.

Get to know us in your first year

Connecting with UTS Careers at the beginning of your degree is a must. At Orientation, you'll be introduced to us at our U:Professional session where you'll be shown how to start planning for your career.

We can help you along every step of your professional development journey. From crafting the ultimate resume, cover letter and LinkedIn profile to mastering interview techniques, finding an internship and making the most of networking opportunities - we've got you covered.

Recruiters are always on the look out for students who are engaged in industry and extra-curricular activities from day one so don't wait until the end of your studies to build your professional skills.

Gain specialised employability skills during your degree

As a UTS student, you'll access a free 15-minute consultation with one of our friendly Recruitment Advisors at our drop-in service. Discuss your future career options, ask work-related questions and get advice on job applications, excelling in interviews and networking.

We'll help you develop a resume and cover letter that's perfect for the job you want. Go online for our Rate My Resume program, which lets you upload your resume and have it reviewed instantly so you can receive constructive feedback.

Take advantage of our Career Action Plan. This valuable collection of resources will help you navigate your career development process.

Excel in your job interviews by building your communication skills in one of our workshops and signing up for a mock interview so you can get experience and overcome nervousness. Browse the 'Resources' and 'Events' tabs at CareerHub to see what's on.

We also offer workshops that help you develop your LinkedIn profile and connect with professionals in vour industry.

Immerse yourself in your industry

Reaching out and making industry connections is a big part of setting yourself up for success upon graduation.

Our Professional Mentoring Program makes connecting with professionals in your field easier. This university-wide online community fosters connections and organic conversations between mentees and professional mentors.

Another way to build your professional network is through an internship. To find the right internship for you, have a chat with one of our Recruitment Advisors or visit: interns.uts.edu.au

Taking on part-time work during your studies is a great way to meet people and learn more about Australian workplace culture. UTS CareerHub is your one-stop-shop for exclusive job opportunities. With hundreds of jobs advertised each week, we'll help you

find your dream role with an employer who is interested in hiring UTS talent.

Enter the workplace with confidence

Our Accomplish Award is a program filled with insights and advice to prepare you for life after university. You'll learn what employers look for in candidates, how to improve vour interview skills, how to dress for interview success and how to optimise your resume. After completing the Accomplish Award, you'll be ready to tackle the recruitment process head-on.

UTS Careers hosts an annual careers fair, faculty-focused career fairs and an exclusive international student careers fair so you can meet future employers and explore life after your degree.

Every August we run the Festival of Future You. This careers festival boasts events, workshops and networking opportunities designed to get you thinking about your career, developing your skills and building those key professional relationships.

Connect with us

Visit us Monday – Friday for a 15 min drop-in with a Recruitment Advisor. Simply walk-in from 10am-12pm. Or you can book an appointment between 1:30pm-4:30 pm via CareerHub.

For more information see: uts.ac/IntDrop-in

You can access all of our online resources via our website: careers.uts.edu.au



Scholarships for domestic students

Main Competitive Scholarship Round

UTS Research Excellence Scholarships (RES)

Funded by the Commonwealth Government Department of Education and Training, RES scholarships are offered each year to highly-ranked, newly commencing doctoral students. These scholarships are valued at up to A\$40,000 per annum for a period of up to three years.

Australian Government Research Training Program Stipend (RTPS)

Funded by the Commonwealth Government Department of Education and Training, the RTPS scholarships are open to highly ranked research degree students. These scholarships are valued at the minimum annual RTPS rate for a period of three years for Doctoral candidates, and two years for Master's by Research candidates. The scholarships provide assistance with general living costs.

UTS Doctoral Scholarships (UTSD)

UTSD Scholarships are open to highly ranked research students. These scholarships are valued at the minimum annual RTPS rate for a period of three years for Doctoral candidates, and two years for Master's by Research candidates. The scholarships provide assistance with general living costs.

UTS Jumbunna Postgraduate Research Scholarship

Funded by the Commonwealth Government Department of Education and Training and UTS Jumbunna Institute for Indigenous Education and Research. this scholarship is offered to commencing Indigenous Australian students with exceptional research potential. Preference is given to students who undertake a research project that has the potential to benefit Australian Aboriginal people and/or Torres Strait Islanders. The A\$50,000 per annum (combining the maximum Commonwealth funded stipend and UTS top-up), is provided to assist with general living costs.

Sir Gerard Brennan Scholarship (Faculty of Law)

This scholarship honours the work of former UTS Chancellor Sir Gerard Brennan, AC KBE, who was also a former Chief Justice of the High Court of Australia. The scholarship provides one newly commencing Indigenous Australian student of exceptional research potential in the Faculty of Law at UTS each year with a maximum stipend of A\$50,000 (currently tax-free) for a period of three years for Doctoral candidates, and two years for Master's by Research candidates, to assist with general living costs.

Quentin Bryce Law Doctoral Scholarships (Faculty of Law)

The Faculty of Law offers the Quentin Bryce Law Doctoral (QBLD) scholarships for commencing doctoral students to promote and reward quality within the Faculty of Law. This scholarship is valued at A\$40,000 per annum, with a research support fund of A\$1,500 per annum. Applications for the QBLD require a separate application to the Faculty of Law before the advertised deadline.

The Ross Milbourne Research Scholarship in Economics (Business School)

The Ross Milbourne Research Scholarship in Economics is funded by the UTS in honour of Emeritus Professor Ross Milbourne to support students of exceptional research potential to undertake a higher degree by research. The scholarship is provided to assist with general living costs at the value of A\$30.000 per annum for a period of three years for Doctoral candidates, and two years for Master's by Research candidates. Applications for the Ross Milbourne Scholarship require an Expression of Interest application to the Business School for course code C02058 before the advertised deadline.

Other Scholarships

For information on newly available scholarships not listed here, please contact your potential supervisor and/or faculty research office:

uts.edu.au/research-andteaching/research-degrees/ applying-uts/contact-us

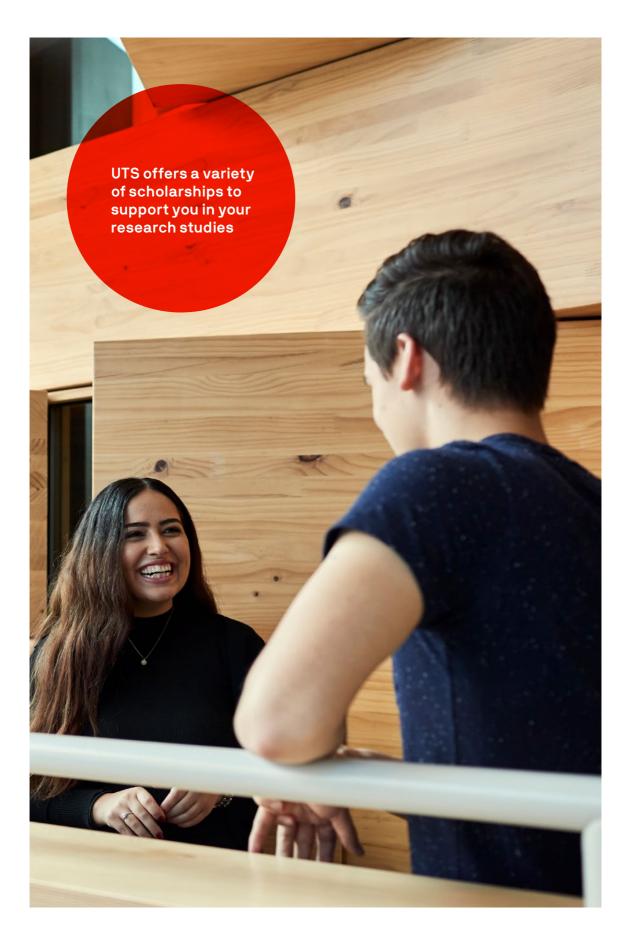
Annual rates are correct at the time of printing. Visit the Australian Government Department of Education website for current annual rates of the Research Training Program (RTP) Scheme.

www.education.gov.au/researchtraining-program

Eligibility criteria and scholarship conditions:

uts.edu.au/research-andteaching/research-degrees/feesand-scholarships/scholarships

research.scholarships@uts.edu.au



Scholarships for International students

UTS offers a variety of scholarships to support you in your research studies

Main competitive scholarship round

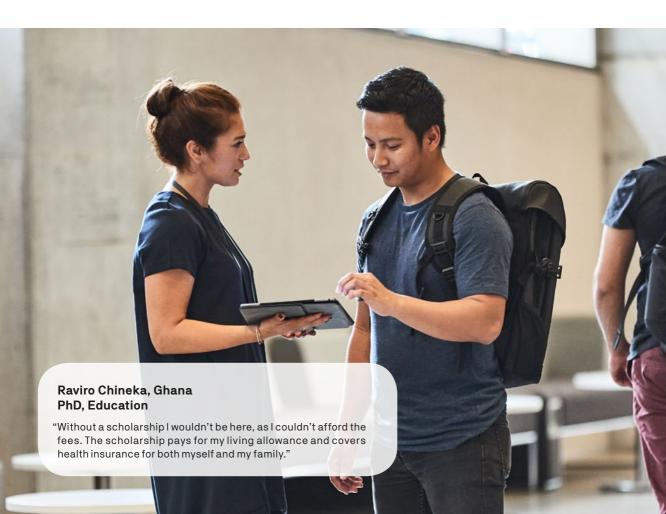
International Research Training Program Scholarship (IRTP)

Funded by the Australian Government, Department of Education and Training, the International Research Training Program Scholarship (IRTP) is open to highly ranked, newly commencing Doctoral Research Degree (PhD) students who demonstrate outstanding academic achievement and research potential. The scholarship covers the scholarship holder's tuition fees and the cost of

a standard Overseas Student Health Cover (OSHC) for the scholarship holder, their spouse and dependants (if any), and a living stipend at the minimum annual Australian Government Research Training Program Scholarship rate for a period of three years.

International Research Scholarships (IRS)

UTS International Research Scholarships are open to highly ranked research students who demonstrate outstanding academic achievement and research potential. This scholarship covers tuition fees.



UTS President's Scholarship (UTSP)

UTS President's Scholarships are open to highly ranked research students who demonstrate outstanding academic achievement and research potential. This scholarship is valued at the minimum annual Australian Government Research Training Program Scholarship rate for a period of three years for Doctoral candidates, and two years for Master's by Research candidates, and is provided to assist with general living costs.

Quentin Bryce Law Doctoral Scholarships (Faculty of Law)

The Faculty of Law offers the Quentin Bryce Law Doctoral (QBLD) scholarships for commencing doctoral students to promote and reward quality research within the faculty. This scholarship is valued at A\$40,000 per annum, with a research support fund of A\$1,500 per annum. Applications for the QBLD require a separate application to the Faculty of Law before the advertised deadline.

The Ross Milbourne Research Scholarship in Economics (Business School)

This scholarship is funded by the Australian Government, Department of Education and Training alongside UTS in honour of Emeritus Professor Ross Milbourne to support students of exceptional research potential undertaking Higher Degree by Research in the field of economics at UTS. The scholarship is provided to assist with general living costs at the value of A\$30,000 per annum for a period of three years for Doctoral candidates, and two years for Master's by Research candidates. Applications for the Ross Milbourne Scholarship require an Expression of Interest application to the Business School for course code C02058 before the advertised deadline.

Australian Government

Australia Awards

Funded by the Australian Government, the Australia Awards Scholarships are available to international students to study at Australian universities in target study areas set by their home country's government. This scholarship helps students, particularly from countries in the Indo-Pacific region, to gain qualifications that will allow them to contribute to the development outcomes of their country. The scholarship covers both living allowance and tuition fees.

dfat.gov.au/people-to-people/ australia-awards/Pages/australiaawards-scholarships.aspx

Collaborative opportunities

UTS ATN-LATAM Scholarships

In collaboration with the Australian Technology Network (ATN), UTS offers two scholarships for eligible applicants to undertake PhD research at UTS under the ATN - LATAM Research Scholarship Scheme. The scholarship covers a full research tuition fees scholarship for 3 years, stipend valued at a minimum of A\$30,000 per annum for a period of three years, single Overseas Health Insurance Cover (OSHC) and relocation allowance. Applicants much be a citizen of one of the following countries: Argentina, Brazil, Chile, Colombia, Ecuador, Mexico, Paraguay, Peru, or Uruguay.

CSC-UTS PHD Scholarship - China

CSC-UTS PhD Scholarships are a product of the collaborative relationship between the China Scholarship Council (CSC) and UTS, and are open to students who are citizens or permanent residents of the People's Republic of China. Under this scheme, UTS offers up to 20 tuition fee scholarships per year, for a period of up to four years for Doctoral candidates, and two years for Master's by Research candidates.

Find out more

UTS is continually supporting various scholarship schemes and funding opportunities, and making new scholarships available to research students.

All scholarship applications are competitive. They are open to international students who meet the specific scholarship selection criteria and who have received or are eligible to receive admission to a course at UTS.

For more information on these additional scholarships, please contact your potential supervisor and/or faculty research office:

uts.edu.au/research-andteaching/research-degrees/ applying-uts/contact-us

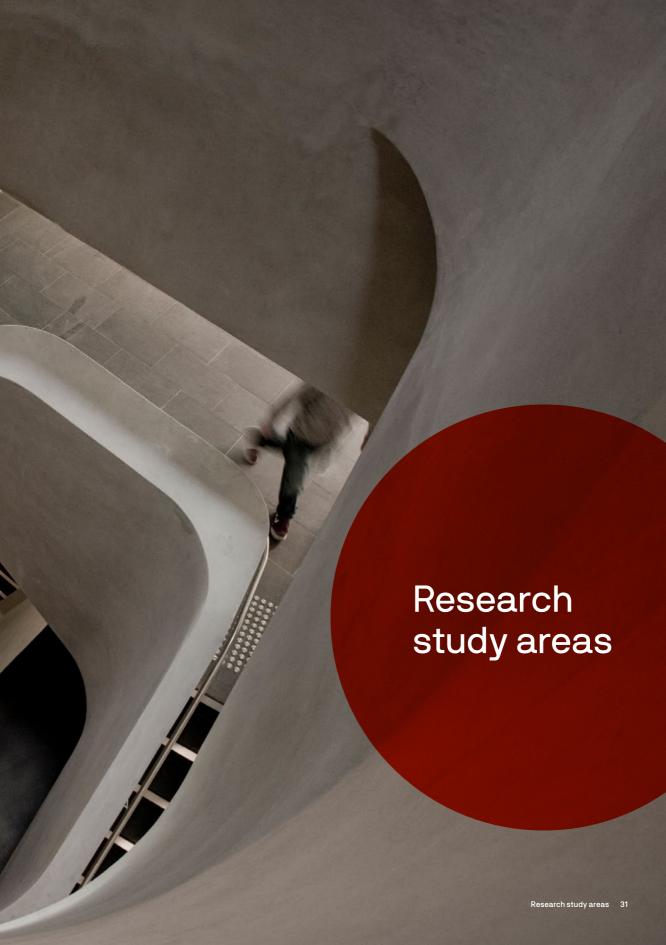
For more information, eligibility criteria and scholarship conditions, please visit our scholarships web page:

uts.edu.au/research-andteaching/research-degrees/feesand-scholarships/scholarships

Or contact the Research Scholarships Team at the Graduate Research School: research.scholarships@uts.edu.au

Please note that the annual rates are correct at the time of printing. Please visit the Australian Government Department of Education website for current annual rates of the Research Training Program (RTP) Scheme.





Faculty of Arts and Social Sciences

uts.edu.au/fass-hdr

Communication | School of International Studies and Education

Bringing a human perspective to real-world problems.

Research areas

Communication

The School of Communication is young, vibrant and committed to the creation of knowledge. Intellectual enquiry and creative and digital literacies are the foundation of our postgraduate research degrees. Our supervisors are world leaders in the field of communication, combining traditional academic pursuits with hands-on industry experience to deliver research that responds directly to real-world challenges. We offer supervision across the social and political sciences, music and sound design, journalism, communication measurement and evaluation, and media arts production.

International studies and education

We have research expertise in intercultural education and communication, language education, social justice, applied linguistics, academic English, STEM education, teacher professional learning, workplace and professional learning in practice (in diverse settings).

We're known for our work on societies and cultures across the globe, as well as for global processes affecting all societies and cultures. Our researchers publish in cultural studies, education, geography, urban studies, politics, migration studies, transnational histories, aesthetics, health, literary studies and gender studies.

When you study with us, you'll work among leading international scholars in a supportive research environment – a place where your thirst for knowledge will be right at home.

Practice, learning, change and innovation – these are the fundamental concepts that drive our research agenda.

Research centres

Climate Justice Research Centre

STEM Education Futures Research Centre

How it works

Our doctoral programs allow you to create new knowledge about vital issues supported by world-leading researchers.

Our Masters programs provide cutting-edge research training to develop your research skills in a supportive context.

To find a supervisor: contact the relevant School HDR Coordinator.

uts.edu.au/fass-hdr



Wan No **Associate Professor**

We've all read about it - the perilous relationship between young people and technology. But for Associate Professor Wan Ng, technology is about much more than device addictions, selfies and Instagram stories: it plays a critical role in the learning process for young adults.

As the Director of the STEM Education Futures Research Centre in the Faculty of Arts and Social Sciences, Wan's research program is focused on how young people use technology to learn, and how digital literacy and multi-literacies can be used for individual empowerment.

Her love of learning has been the foundation of an impressive career. Wan taught in schools for almost 10 years, before turning her passion for education into a PhD. A postdoctoral research position at Monash University followed, as did more senior academic roles like Associate Dean (International), Faculty Chair of Human Ethics Committee and School Research Coordinator at institutions including La Trobe University and the University of New South Wales.

Leading one of UTS's newest research centres. Wan is delving deep into the issues she really cares about: science education and digital technology education with an emphasis on mobile learning; and sustainable pedagogy, enabled by technology that leads to improved learning outcomes for students.



Henry Boateng PhD candidate Digital Information Management Supervised by Bhuva Narayan, PhD, and Hilary Yerbry, PhD

For postgraduate research student Henry Boateng, UTS was the logical choice when it came to pursuing a PhD in digital information management.

"I'm convinced that UTS is one of the best young universities in the world because of the excellent track record of the Faculty and [its] research fellows," he says.

"I was also particularly aware of the international reputation UTS has as a hub for world-class education and research as manifested in the world university rankings."

Combined with his work as a research assistant within the Faculty, Henry's PhD has been a launching pad into the immersive world of academia. He's supervised Dr Bhuva Narayan and Dr Hilary Yerbury, whose expertise has helped him build advanced research skills.

"They have always tried to bring the best out of me, [helping] me to understand qualitative research and the social constructionism worldview [and to build] skills in literature review."



Natalie Gollan BSc. (Hons), PhD candidate (Senior project officer Department of Primary Industries)

My research is evaluating the social impacts of Marine Protected Areas (MPAs) on the wellbeing of coastal communities in NSW. Several approaches have been applied in the past in order to analyse and predict the social impacts of MPAs. However many studies identified in the literature have mainly taken a narrow view where economic aspects are dominant and have failed to recognise the importance of social aspects such as a sense of place, connection to nature, and social relationships associated with MPAs.

A new approach to evaluating social impacts through a wellbeing perspective is applied to this research. The results of the analysis will aid decision-makers to work towards a more effective and socially sustainable MPAs through the application of a social wellbeing framework.

Faculty of Arts and Social Sciences research degrees

Course name	Course code	CRICOS code	Duration	Subjects	
Doctor of Philosophy (Education)	C02041	015943G	4 years	019982 PhD Thesis: Education 51913 Academic Research Practice	
Doctor of Philosophy (Humanities and Social Sciences)	C02019	014627E	4 years	51192 PhD Thesis: Humanities and Social Sciences 51913 Academic Research Practice	
Doctor of Philosophy (International Studies)	C02039	043350M	4 years	979105 PhD Thesis: International Studies 51913 Academic Research Practice	
Doctor of Creative Arts	C02020	014625G	4 years	51992 Doctoral Project 51913 Academic Research Practice	
Doctor of Education	C02050	066824C	4 years	019950 EdD Thesis: Education 51913 Academic Research Practice	
Master of Arts in Humanities and Social Sciences (Research)	C03018	041624G	2 years	51984 Master of Arts Thesis 51913 Academic Research Practice	
Master of Creative Arts (Research)	C03044	066173M	2 years	51985 Master of Creative Arts Thesis 51913 Academic Research Practice	
Master of Education (Research)	C03047	040690D	2 years	016102 Thesis (Education) 51913 Academic Research Practice	
Master of Arts in International Studies (Research)	C03034	043338G	2 years	979110 Thesis (International Studies) 51913 Academic Research Practice	

	Career options	Admission requirements and course information
		handbook.uts.edu.au/ courses/c02041.html
		handbook.uts.edu.au/ courses/c02019.html
		handbook.uts.edu.au/ courses/c02039.html
	With a Master's Degree by Research or Doctoral Degree in the Faculty of Arts and Social Sciences, you'll become part of a vibrant research community that is committed to creating positive change in the world. You'll undertake high-impact research under the guidance of leading academics in your field of study and develop research capabilities that are relevant to both academic and professional careers.	handbook.uts.edu.au/ courses/c02020.html
		handbook.uts.edu.au/ courses/c02050.html
		handbook.uts.edu.au/ courses/c03018.html
		handbook.uts.edu.au/ courses/c03044.html
		handbook.uts.edu.au/ courses/c03047.html
		handbook.uts.edu.au/ courses/c03034.html

Business School

businessphd.uts.edu.au

Accounting | Business Intelligence and Data Analytics | Economics | Finance | Health Economics Research and Evaluation | Management | Marketing

Insightful research into critical questions for business, government and society.

Research areas

- Accounting
- Business Analytics
- Economics
- Finance
- Health Economics
- Management
- Marketing

Research highlights/achievements

UTS Business School is one of Australia's leading business schools, with results from the Federal Government's most recent Excellence in Research Australia (ERA) assessment placing us in the top 3 business schools nationally. On average, our research performance was 'above world standard'.

UTS Business School is also one of a select group of elite business schools worldwide accredited by the Association to Advance Collegiate Schools of Business (AACSB) International.

Why do research with us

Our PhD candidates are challenged to conduct, and contribute to, high-quality, globally respected research that has significant economic, environmental, cultural and social impact.

As well as being supervised by academics who undertake world-class research, you'll be supported in developing advanced problem-solving skills, sophisticated data collection and analysis skills, a range of 'soft' skills in areas such as leadership, communication and collaboration, and you'll gain project management experience.

You'll have access to a wide range of activities and schemes that enrich the student experience and facilitate national and global partnerships. Our support also includes equity initiatives to assist those with particular needs or responsibilities.

We encourage innovative and crossdisciplinary thinking at UTS Business School, and one of your supervisors may well come from another faculty. That's because we believe this sort of approach is important to understanding the big and complex issues faced by business, government and society.

During your time with us you will learn the value of creativity, adaptability, persistence, independence and hard work – and you'll make an enormous contribution to your field and to society.

Having completed your doctorate, you'll be equipped not only for a future career in research, if that's your chosen path, but also ready to take up senior roles in industry.

List of research centres

- Centre for Health Economics
 Research and Evaluation
- Centre for Business Intelligence and Data Analytics
- Centre for Business and Social Innovation
- Centre for Policy and Market Design

UTS Business School's PhD Program challenges doctoral candidates to identify critical issues and important research questions, then execute their research so it delivers robust results that will have an impact on the 'big issues' facing business, government and society.

Before applying: Submit an Expression of Interest (EOI) This will save you significant time and also helps with finding you a potential supervisor/s.



Professor Talis Putnins B. Fin., B. Eng (IT&T) (Hons), PhD

Talis Putnins is a Professor in the Finance Discipline Group at UTS and a member of the Quantitative Finance Research Centre, His research has been published in leading international peer-reviewed journals including the Journal of Financial Economics, Management Science, Journal of Financial and Quantitative Analysis. Journal of Financial Intermediation, Review of Finance, and Experimental Economics. He consults to governments, stock exchanges and financial institutions and has served as an expert witness in legal cases. Professor Putnins' research interests include financial markets, market microstructure, market manipulation, insider trading and shadow economies.



Eamon McGinn PhD candidate Economics

Do politicians listen to their voters? PhD candidate Eamon McGinn is considering this timely question as part of his PhD studies at UTS Business School.

McGinn was the winner of the UTS Business School final of the most recent Three-Minute Thesis (3MT) competition with a presentation, based on his thesis, that looked at "polarisation."

"The fundamental question I'm addressing with this research is do politicians actually listen to their voters?" savs McGinn, who is undertaking his PhD while working part-time as a Director at Deloitte Access Economics, "It's an important question for economists ... but it's even more important for society."

Using the Same Sex Marriage survey as a case study, McGinn used machine learning to look at 1000 political speeches given about same-sex marriage issues in Federal Parliament. He then ranked the speeches from zero to one - with 0 indicating someone perfectly opposed to same-sex marriage and 1 indicating someone perfectly in support.

"After the election, I looked at what happened to the scores," McGinn says. "The main result I found was that politicians actually moved closer to their electorate."

Essentially, that's how economists think politicians should behave when they get new information, he says.



Ljubomir Pupovac PhD candidate Marketing

Ljubomir Pupovac's PhD research, in the field of business-to-business marketing, investigates the impact of product recalls on market value - not just of the business undertaking the recall but also on that business's suppliers.

He's particularly interested in the impact on suppliers whose inputs were not implicated in the recall occurring further up the supply chain.

Another part of his thesis examines why some producers, in response to the same product-harm crisis. undertake one large recall announcement while others undertake several small ones. Here too, he is interested in how these different decisions affect a firm's performance.

Pupovac has won the Institute for the Study of Business Markets (ISBM) Doctoral Award Competition and has presented his research at the ISBM, the Australian and New Zealand Marketing Academy and the Marketing Science conference.

Business School research degrees

Course name	Course code	CRICOS code	Duration	Subjects	
Doctor of Philosophy (Accounting, Business Analytics, Finance, Health Economics, Management, Marketing)	C02048	058221G	4 years	21982 PhD Thesis: Management 22982 PhD Thesis: Accounting. 22982 PhD Thesis: Accounting 24982 PhD Thesis: Marketing 23926 PhD Thesis: Economics 25927 PhD Thesis: Finance 26928 PhD Thesis: Health Economics 24912 PhD Thesis: Business Analytics	
Doctor of Philosophy (Economics)	C02058	085255G	4 years	23942 Microeconomics 1 6cp 23938 Macroeconomics 1 6cp 23930 Econometrics 1 6cp 23941 Mathematics for Economists 6cp 23937 Game Theory 6cp 23939 Macroeconomics 2 6cp 23931 Econometrics 2 6cp 23940 Market Design 6cp 23943 Microeconomics 2 6cp 23942 Econometrics 3 6cp CBK91186 Four Field Study choices 0cp 23949 PhD Thesis: Economics	

Career options	Admission requirements and course information
	handbook.uts.edu.au/ courses/c02048.html
Career options include management-level positions in industry or government, and academic positions.	handbook.uts.edu.au/ courses/c02058.html

Connected Intelligence Centre

cic.uts.edu.au/research/phd

Transdisciplinary innovation and impact through Learning Analytics.

How might Data Science and Artificial Intelligence transform teaching and learning? CIC's mission is to maximise the benefits of analytics for UTS, and the Learning Analytics Doctoral Program trains researchers to theorise, invent and evaluate analytics infrastructure for education.

We do this by personalising the learning experience with tools to improve the feedback that learners and educators receive, and by demonstrating the power of data science techniques and data infrastructure for an educational future based on lifelong learning competencies.

This is the doctoral program for you if you are committed to working in a transdisciplinary team to invent user-centred analytics tools in close partnership with the UTS staff and students who are our 'clients'.

Scholarship applications are invited for the following topics:

- Data interoperability and analytics for lifelong personalised learning
- Analytics for collaborative evidencebased reasoning
- Learning analytics and learning design
- Writing analytics for deep reflection

We will also consider other topics that fit with CIC's priorities.

Topic-specific technical skills and academic grounding that you will need for your PhD are specified in the PhD project descriptions, but there are some common skills and dispositions that we are seeking.

 Multidisciplinary, which we hope will become transdisciplinary as we build enough common ground for the disciplines to inform or even transform perspectives. Thinking outside your 'home turf' is not easy or comfortable, but we are seeking people with an appetite to stretch themselves with new world-views. Human-centred participatory design of learning analytics tools, so you will need a passion for, and commitment to, working with non-technical users as you prototype new tools. We are seeking excellent interpersonal and communication skills in order to translate between the technical and educational worlds, and creative design thinking to help users engage with new kinds of tools. Ideally, you will already have had some design experience, but this can also be an area you want to learn.

PhD – This is a research degree requiring an original and significant contribution to knowledge in the field of learning analytics and is the traditional path for those wishing to pursue a career in research or academic life.

Master of Learning Analytics (Research) – This is a research degree requiring an original and significant contribution to knowledge in the field of learning analytics

Applicants are strongly encouraged to contact the supervisors leading the advertised projects to discuss their interests and suitability, prior to submitting their formal application. Supervisors will give you feedback to improve your proposal, if they feel that you have the necessary background and potential. Applicants should then submit:

- Covering letter
- Curriculum Vitae
- Research Proposal, maximum 4 pages, applying for one of the advertised PhD topics

Please email your scholarship application as a PDF, with PhD/Masters Application in the subject line, to: cic@uts.edu.au

Following discussion with the relevant potential supervisors, you will be required to go through the UTS application process as a formal part of the application.

Please explore the PhD Topics on our website, which list the lead academics from CIC.



Professor Simon Buckingham Shum Professor of Learning Informatics and Director CIC

I have a background in Psychology (B.Sc., York), Ergonomics (M.Sc., UCL) and Human-Computer Interaction (PhD., York, in collaboration with Rank Xerox EuroPARC). This informs my human-centred computing perspective to the challenge of building analytics, collective intelligence and sensemaking tools.

My research has both academic and applied impact, since in the development of human-centred tools for thinking and learning, intended for serious use outside academic experiments, the two are deeply intertwined. My teams have developed interactive software tools used by tens of thousands of people, which has in turn provided us with evidence to reflect on theories, user interface designs, and measures of how they change the process and product of intellectual work.

Examples from my career at the UK Open University include Compendium and Cohere (for mapping issues, arguments and evidence), D3E (to discuss websites) and Lyceum (internet virtual meetings). Here at UTS we are deploying AcaWriter across the university, and released open source globally (to give feedback on academic writing).

Simon.BuckinghamShum.net



Dr Kirsty Kitto Senior lecturer

I model the many ways in which humans interact with information, and how this can change as a result of the different contexts in which people find themselves. I am working towards providing unified mathematical and computational models of contextuality, which often results in apparently complex and unpredictable human behaviour.



Dr Ming Liu Research fellow

I have a background in Computer Science (B.Com&M.IT, Tasmania), and Artificial Intelligence in Education (PhD., Sydney). This informs my computing perspective on how to provide better support for learning, engagement and collaboration in education.

My research has both academic and practical impact in writing analytics. My team has developed writing analytics tools used by thousands of university students. Examples from my previous work at the University of Sydney and Southwest University include Cooperpad (for online synchronous collaborative writing platform) and VisualPeer (for online formative peer assessment). At UTS, I am improving the automated writing feedback and helping academics use the system in a learning context across the university.



Sophie Abel PhD candidate

My research is on Writing Analytics which makes use of text analytics techniques to provide automated feedback on student writing. I am investigating how Writing Analytics can support Higher Degree Research (HDR) students with their research writing. Research and thesis writing is a high stakes activity and new research funding restructures tied to timely completion rates mean that HDR students are under increased pressure to publish during their candidature and finish their doctorate on time. This increased pressure requires HDR students to write about their research effectively and quickly. Writing Analytics is one approach that could be leveraged to help HDR students to write about their research effectively and efficiently as it focuses on timely. automated formative feedback. This feedback allows students to reflect on what they have written and revise their writing.

I chose to do a PhD at the Connected Intelligence Centre because of my research interests in analytical tools and developing student writing aligned well with CIC's focus on the theory, design and evaluation of Human-Centred Analytics in Education.

Feedback is essential to learning and feedback is critical to the writing process. Automated, timely feedback, in a high stakes research and publication context, will enable trainee researchers to build their communication skills, and share their findings more effectively to their audiences.

Connected Intelligence Centre research degrees

Course name	Course code	CRICOS code	Duration	Subjects	
Doctor of Philosophy (Analytics and Data Science)	C02062	088537F	4 years	36110 PhD Thesis Analytics	
Master of Learning Analytics (Research)	C03064	099357G	2 years	36107 Master of Learning Analytics Thesis	

	Career options	Admission requirements and course information
	This degree prepares data scientists for leadership positions in teaching, management and research. There are opportunities for developing a career on a national and international level.	handbook.uts.edu.au/ courses/c02062.html
		handbook.uts.edu.au/ courses/c03064.html

Design, Architecture and Building

dab.uts.edu.au

Design | Architecture | Built Environment

A unique research culture combining all facets of design, architecture and the built environment.

Complete a research degree with the Faculty of Design, Architecture and Building and you'll be among the leaders in advancing the design, architecture and built environment professions.

Our faculty is well known for strengths across all of its disciplinary areas, from planning and project management, building information modelling, socially responsible design and sustainability, to material experimentation, design-led methodologies, and the history and theory of design and architecture. Given its breadth, the faculty encourages the crosspollination of ideas and the development of innovative research questions and solutions to complex and pressing problems.

Our researchers use both traditional research and practice-based research methodologies, and have access to world-class facilities including the 5D BIM Research Lab and Advanced Fabrication Lab. The Australian Research Council's 2018 Excellence in Research for Australia (ERA) evaluation has shown UTS research to be at world standard, with Built Environment and Design achieving the highest outcomes in the Engagement and Impact (EIA) assessment. The faculty's School of Design is now ranked in the top 30 globally, while our schools of Architecture and Built Environment are also ranked in the global 200.

Driving these international rankings are our world-class academics. As a research student, you'll work closely with academics and industry leaders who embody our commitment to excellence. Our internationally-connected academics will enable you to develop your own international profile and will prepare you for a successful future.

- Centre for Informatics Research and Innovation (CIRI): Uses informatics and applied data to drive innovation.
- Design Innovation Research Centre:
 Explore the use of design to support social,
 community and organisational change.

Doctor of Philosophy

The PhD is a University-wide degree which involves an intense period of supervised study and research, culminating in the submission of a thesis. The degree is awarded to candidates who, through original investigation, make a distinct and significant contribution to knowledge in their field of specialisation.

Master of Design (Research)

For graduates who want to deepen their engagement with the design field, either through traditional or practice-based research.

Master of Architecture (Research)

For graduates seeking to transform the profession through innovations in design, technology and urbanism.

Master of Built Environment (Research)

For graduates seeking to extend and deepen their knowledge of a specialised research area or build a competitive advantage in the planning, property, and construction industries.

The Faculty of Design, Architecture and Building's supervisors will be available as a panel of experts to guide students towards the completion of their research degree. Meet our supervisors: uts.edu.au/find-dab-supervisor

Need help finding a supervisor? Want to know the secret to a great research topic proposal? Get in touch: uts.edu.au/dab-hdr-enquiry



Distinguished Professor Peter McNeil, Imagining Fashion Futures Lab (IFFL), former H&M Chair (Sweden), former Academy of Finland Distinguished **Professorship**

I'm a design historian and awardwinning author with world-renowned expertise in fashion. I also work extensively on Australian visual culture, the decorative arts, interior design, critical luxury studies and the 'queer trace'. I lead the IFFL at UTS, Australia's only specialist research hub for cultural history of dress, and publish and lecture internationally across design, fashion, textiles, interiors, architecture and the urban condition.

As a research supervisor, I have trained a generation of researchers across design history and cultural theory, including Indigenous Australian knowledge leaders of the future. We work with academics. museums and galleries around the world, from the Los Angeles County Museum of Art to Bathurst Regional Art Gallery. Many of our collaborations support communities and enrich understandings of human culture and society, giving voice to the perspectives and histories of Jewish, other immigrant and LGBTQI communities. My work reveals important stories of culture, class, politics and history through fashion and design.



Enya Moore, School of Design PhD candidate Supervisors: Distinguished Professor Peter McNeil, Dr Matthew Holt, Dr Alexandra Crosby

My research looks at design festivals as transnational entities. I'm focusing on contemporary design events and considering the transnational networks they create. I want to question what kind of discourses of design are present or prevalent at these events and how these events connect different cultural actors. My PhD has been a very positive experience so far, so I feel very lucky.

Design events used to be focused solely on the design industry, but increasingly they're becoming more like art festivals or biennales that a wider public engage with. I think it's very important for people to understand what design is. what it can do and who's involved in the conversation. As design is being employed more in things like city planning, city branding and government policy, it's important for the general public to understand what it's all about.



Michael Kahn, **School of Architecture** Industry PhD candidate Supervisors: Professor Charles Rice, Professor Anthony Burke

My PhD focuses on the role of design and designer in shaping transport infrastructure nodes, specifically focusing on the Sydney metro. [It's an industry PhD], so I'm embedded [with Cox Architecture] working on the development of Victoria Cross Metro Station in North Sydney. I'm a licensed architect but I also have an academic background. [I saw this industry PhD] as an opportunity to bridge the gap between theoretics and practice.

In Australia, we're investing billions of dollars into transport. [Using research to understand] the [development process] allows us to create better outcomes. The design process is focusing on how you can really understand, through the lens of the customer, what will result in a better experience from the street all the way to the public domain, into the station and onto the train.

Design, Architecture and Building research degrees

Course name	Course code	CRICOS code	Duration	Subjects	
Doctor of Philosophy (Design, Architecture, Built Environment)	C02001	032316D	4 years	Select one of the following options: 13907 PhD Thesis: Architecture 17900 PhD Thesis: Built Environment 81000 PhD Thesis: Design	
Master of Design (Research)	C03012	030867M	2 years	81821 Thesis (Design)	
Master of Built Environment (Research)	C03002	008674D	2 years	Select one of the following options: 14903 Thesis (Building) 15903 Thesis (Quantity Surveying)	
Master of Architecture (Research)	C03001	008672F	2 years	13905 Thesis (Architecture)	

Career options	Admission requirements and course information
This degree offers a clear path towards a more research-focused career, either in the design, architecture or built environment industries or in academia.	handbook.uts.edu.au/ courses/c02001.html
Graduates are the new guard of academically trained designers who have deepened their insight into research-for-design and research-by-design as a way to define the future of the design profession, and can offer employers the combination of design and research skills they need for their long-term prosperity.	handbook.uts.edu.au/ courses/c03012.html
Graduates are the new guard of academically trained professionals who have deepened their insight into the future of the planning, property, and construction industries, and can offer employers the competitive advantage they need.	handbook.uts.edu.au/ courses/c03002.html
Graduates are the new guard of architects who have deepened their insight into contemporary and future practice, and can transform the profession through innovations in design, technology and urbanism.	handbook.uts.edu.au/ courses/c03001.html

Engineering and Information Technology

uts.edu.au/about/faculty-engineering-and-information-technology

Biomedical Engineering | Civil and Environmental Engineering | Computer Science | Electrical and Data Engineering | Mechanical and Mechatronic Engineering | Information, Systems and Modelling | Professional Practice and Leadership

Innovative research with real-world impact.

Overview

Studying for a research degree in the UTS Faculty of Engineering and Information Technology will expose you to world leading academics, cutting-edge research facilities and offers the freedom to work on problems that will have impact our future industry and drive new innovative technologies.

The Faculty is home to over 850 research students, with more than 300 academics housed across seven research centres and seven Schools, with expertise spanning advanced data analytics and quantum computing to energy policy and wastewater treatment. PhD and research master's degrees are offered across all fields. A collaborative and lively culture fosters candidate development.

UTS researchers are recognised as innovative leaders in their fields. The Faculty received a "well above world standard" rating for research quality in, 'Artificial Intelligence and Image Processing', 'Quantum Physics' and 'Biomedical Engineering', and "above world standard" rating for all IT disciplines in the Excellence in Research Australia (ERA) 2018 review. Our research in computer science is ranked 6th in the world for the proportion of our work in the world's top 10% on the Leiden rankings 2019. We were ranked number 1 across Australia in the Times Higher Education Top 50 Universities under 50.

Our world-class Engineering and IT Building opened in mid-2014. Its state-of-the-art facilities include modern laboratories and the UTS Data Arena, an immersive, 360 degree interactive data visualisation facility

that changes the way data is presented and manipulated. They reflect the Faculty's position at the cutting edge of innovation and technology. Our new Tech Lab facility, based in Botany and opened in 2018, is a research hub offering bespoke research laboratories, collaborative working spaces and industry links for HDR candidates and academics.

If you're passionate about impact-driven and collaborative research, explore our courses and make an enquiry. You could be leading the next breakthrough.

Research Centres

Our research priorities are concentrated within a number of research centres:

- Advanced Analytics Institute
- Centre for Health Technologies
- Global Big Data Technology Centre
- Centre for Autonomous Systems
- Centre for Quantum Software and Information
- Centre for Artificial Intelligence
- Centre for Technology in Water and Wastewater

Find a Supervisor

Contact Faculty of Engineering and IT Research Team feit.hdr@uts.edu.au

Pre application process

uts.edu.au/about/faculty-engineeringand-information-technology



Richard Xu Associate Professor in Machine Learning School of Electrical and **Data Engineering**

Richard Xu leads a team of 30 people, including postdocs, PhD students and data engineers working in areas that cut across probabilistic machine learning, deep learning and computer vision. Richard's work has appeared in the leading conferences and journals in his field. He is highly committed to the training of his PhD researchers and has published substantial amounts of machine learning training material over the past decade as well as many online videos. Richard's team has collaborated with many Australian and overseas industries, in the banking, e-commerce, government, utilities, legal, transport and defence sectors. He established a Deep Learning Sydney meetup group, which currently has 3800+ members.



Hasti Hayati PhD candidate School of **Mechanical and Mechatronic** Engineering, Green Energy and Vehicle Innovation **Principal Supervisor David Eager**

"It was, indeed a very pleasant experience. Highly recommended if you are passionate about research!" she says.

Hasti Hayati is currently completing her Doctor of Philosophy in the School of Mechanical & Mechatronic Engineering, The journey which she has been on since starting her PhD has been both enjoyable and challenging.

Other than learning technical skills and undertaking research, her PhD has taught her how to analyse her research problems as well as face, and overcome, new challenges.

Hasti is currently researching the underlying biomechanics of agile quadrupeds (such as greyhounds) and their body-surface interaction. She is trying to understand how the surface the dogs run on affects the dynamics of how they sprint and how it can be optimised to reduce the probability of surfacerelated injuries.



Meg Tonkin PhD candidate **UTS scholarship and Faculty** Top-Up recipient Supervised by Distinguished **Professor Mary-Anne Williams**

Meg is currently completing her Doctors of Philosophy in the School of Software. She is researching the potential of social robotics and Artificial Intelligence (AI) for use in public and social spaces and the impact these technologies may have on the lives of people and industries in Australia. Social robots join the physical world to the digital, creating experiences and challenges that social robots entail.

The aim to Meg's project is to provide methodology for the creation of robust, socially and commercially acceptable robot applications that can be used by research labs, businesses and government organisations.

She chose UTS and the Innovation and Enterprise Lab (Centre for Artificial Intelligence), because it is innovative and quick moving. with a strong focus on research for social good.

Information Technology research degrees

Course name	Course code	CRICOS code	Duration	Subjects	
Doctor of Philosophy (Computer Systems)	C02047	058666A	4 years	33875 PhD Thesis: Computer Systems 32144 Technology Research Preparation 32931 Technology Research Methods	
Doctor of Philosophy (Software Engineering, Analytics, Information Systems)	C02029	009469A	4 years	32144 Technology Research Preparation 32931 Technology Research Methods And ONE of the following: 32986 PhD Thesis: (Information Systems) 33874 PhD Thesis: (Software) Engineering 32903 PhD Thesis: (Analytics)	
Master of Analytics (Research)	C03051	075277F	2 years	31676 Thesis (Analytics) 32144 Technology Research Preparation	
Master of Science in Computing Sciences (Research)	C03025	001121E	2 years	31675 Thesis Computing Science	
Doctor of Philosophy (Engineering)	C02018	036570B	4 years	49986 PhD Thesis: Engineering 32144 Technology Research Preparation 32931 Technology Research Methods	
Master of Engineering (Research)	C03017	009468B	2 years	49776 Master of Engineering Thesis 32144 Technology Research Preparation 32931 Technology Research Methods	

Career options	Admission requirements and course information
	handbook.uts.edu.au/ courses/c02047.html
Career options include positions in universities and other institutions undertaking research or other academic work including teaching. Opportunities involving research and development also exist with national and international firms.	handbook.uts.edu.au/ courses/c02029.html
There is a skills shortage of professionals with work-ready skills in analytics. The demand for skilled professionals in analytics crosses a range of industries from banking, e-commerce, education, finance, government, health, insurance, marketing, taxation, telecommunications and transport. In a knowledge economy there is significant demand for graduates in this area.	handbook.uts.edu.au/ courses/c03051.html
The course enables students to advance themselves in their career in computing and information technology, and offers flexibility in the choice of research topic so it may be closely aligned with students' professional careers. Career options include positions in universities and other institutions undertaking research or other academic work, including teaching. Opportunities involving research and development also exist with national and international firms.	handbook.uts.edu.au/ courses/c03025.html
Career options include positions in universities and other institutions undertaking	handbook.uts.edu.au/ courses/c02018.html
research or other academic work including teaching. Opportunities involving research and development also exist with national and international firms.	handbook.uts.edu.au/ courses/c03017.html

Health

uts.edu.au/about/faculty-health/faculty-health-research

Nursing and Midwifery

We embody an innovative, dynamic, collaborative research culture that is highly engaged with health industry, academia, consumers and communities.

We are excelling above world standard according to the Federal Government's ERA review for Nursing, Midwifery, Human Movement and Sport Science we were rated 5/5 – well above world standard, and for Public Health and Health Services we were rated 4/5 – above world standard.

Our membership comprises of internationally respected leaders in the fields of healthcare and health services, with extensive records of accomplishment and engagement with health care providers (hospitals and clinics) and government bodies. We exemplify a broad scope of disciplines including: Nursing; Midwifery; Health Services Management; Public Health; Palliative Care; Sports and Exercise; and Complementary and Integrative Medicine.

UTS Health covers a wide range of research interests for PhD and Master by Research students undertaking a research degree that focus on improving health outcomes in both local and global communities. We foster innovation, collaboration and evaluation in partnership with industry organisations to generate world-leading, high impact research to improve the health of our community.

Our growing cohort of higher degree research students are continuing to advance knowledge, develop researcher and student networks, and transform industry-driven research questions into solutions, guided by our motivated academics and practitioners.

Our leading Nursing and Midwifery Clinical Simulation Labs in the Faculty of Health enable our students to learn within clinical environments without the risk of mistake. Simulations equip students with essential practical skills that may be called upon during Clinical Placements in healthcare workplaces. The UTS-Rugby Australia building which opened in October 2017 accommodates the

Faculty of Health's sport and exercise science programs. It is also the headquarters of Rugby Australia and home to Australia's elite national rugby teams. The new facilities include a multipurpose sports hall equipped with cameras used for research activities and a combined skill acquisition, exercise physiology and biomechanics research laboratory.

Faculty research centres

- Australian Centre for Public and Population Health Research
- Australian Research Centre in Complementary and Integrative Medicine
- Centre for Health Services Management
- Centre for Midwifery, Child and Family Health
- Human Performance Research Centre
- Improving Palliative, Aged and Chronic Care through Clinical Research and Translation (IMPACCT)

Multi-Institution Research Collaborations

- World Health Organisation (WHO)
 Collaborating Centre for Nursing, Midwifery and Health Development
- PhD This is a research degree requiring an original and significant contribution to knowledge in the field of health and is the traditional path for those wishing to pursue a career in research or academic life.
- Masters (Research) This is a research degree requiring an original and significant contribution to knowledge in the field of health

Interested research applicants should submit an enquiry to: health.research.students@uts.edu.au. Also submit an area of research topic interested to pursue their studies.

One of the requirements of the application process at the Faculty of Health is to identify a potential supervisor prior to submitting the application. Please check this link for Find a Supervisor and Faculty of Health Academic list. uts.edu.au/about/faculty-health/who-we-are/staff



Professor Jane Phillips Director for the Centre for Improving Palliative, Aged and **Chronic Care through Clinical** research and Translation (IMPACCT), Faculty of Health

Professor Jane Phillip is the inaugural Director for the Centre for Improving Palliative, Aged and Chronic Care through Clinical research and Translation (IMPACCT), housed at the Faculty of Health. Professor Phillips has brought many of the world's leading palliative care researchers to UTS, including the Palliative Care Clinical Studies Collaborative (PaCCSC).

Professor Phillips is currently leading the development of a suite of new interdisciplinary palliative care courses that will be available from 2019 onwards.

Since transitioning to academia in 2009. Professor Phillips has secured over \$2.4M as a lead investigator and \$37M as a coinvestigator in competitive research grants and co-authored more than 150 peer-reviewed publications. She is currently supervising or co-supervising 13 doctoral students from medicine, nursing and allied health.

"Our pursuit of excellence and leadership in research, education and practice development is demonstrated in our broad range of research projects, our impact on practice".



Scott Avery PhD candidate Supervised by Professor Joanne Travaglia

Scott Avery is completing his PhD in disability in Aboriginal and Torres Strait Islander at the Faculty of Health. His research focuses on the experiences of Aboriginal and Torres Strait Islander people with disability and the implications for Australia's Indigenous and disability policy. The research is being co-produced with First Peoples Disability Network, a communitybased disability organisation for Aboriginal and Torres Strait Islander people, where he is Research and Policy Director.

Closing the gap in Indigenous disadvantage and improving the quality of life for people with disability are two great dilemmas that health research is trying to solve. Scott's research seeks to understand life at the intersection of these two problems and break down systemic barriers and attitudes towards Indigenous Australians with disabilities. The research sets an agenda for providing social justice to this population that has been marginalised in Australia.

"The Faculty of Health at UTS provides the support that enables me to work at the interface of community, research and policy," says Scott. "My supervisors share a great wealth of knowledge and experience. With their guidance, I am able to develop a robust research framework to explain and respond to some of the most complex social issues that Australians face."



Josephine Agu PhD candidate Supervised by Distinguished **Professor Jon Adams**

My research looks at the use of Traditional, Complementary and Alternative Medicine (TCAM) in people living with dementia from Culturally and Linguistically Diverse (CALD) communities in response to the exponential increase in the use of these therapies globally and in Australia.

During the migration process, TCAM practices accompany immigrants to their destination countries, increasing their likelihood of employing these approaches alongside their use of conventional medicine in their new adoptive country. Many TCAM modalities often have their foundations grounded in the traditions, cultures and beliefs of ethnic minority communities, originating in their countries of heritage. Although prevalent, there is a paucity of research on TCAM use specifically among ethnic minorities. My research addresses the use of complementary and alternative medicine in people living with dementia and their carers from culturally and linguistically diverse communities in Australia, specifically focusing on TCAM practices, prevalence, modalities, experiences, knowledge levels and attitudes among health service providers and carers of people living with dementia. This serves as a preliminary step in understanding the health help-seeking behaviours of CALD groups in order to eliminate any barriers to access that exist in order to provide effective and adequate care to these vulnerable communities.

Health research degrees

Course name	Course code	CRICOS code	Duration	Subjects	
Doctor of Philosophy (Nursing, Midwifery or Health)	C02024	032320G	4 years	92984 PhD Thesis: Nursing 93000: PhD Thesis: Midwifery 93001: PhD Thesis: Health	
Doctor of Philosophy (Public Health)	C02061	088974G	4 years	96708 PhD Thesis: Public Health	
Doctor of Philosophy (Sport and Exercise)	C02057	085405J	4 years	93007 PhD Thesis: Sport and Exercise	
Master of Nursing (Research)	C03048	052679M	2 years	92975 Master of Nursing (Honours) Thesis 92618 Health Care Research Methodology	
Master of Midwifery (Research)	C03049	052680G	2 years	92976 Master of Midwifery (Honours) Thesis 92618 Health Care Research Methodology	
Master of Health Services (Research)	C03050	055629G	2 years	92977 Master of Health Services (Honours) Thesis 92618 Health Care Research Methodology	
Master of Sport and Exercise (Research)	C03055	032336M	2 years	92052 Master of Sport and Exercise Thesis 92054 Research and Statistics for Sport and Exercise	

Career options	Admission requirements and course information
This degree prepares nurses, midwives and health service professionals for leadership	handbook.uts.edu.au/ courses/c02024.html
positions in teaching, management and research. Opportunities are not limited to Australia and there is the possibility of developing a career on an international level.	handbook.uts.edu.au/ courses/c02061.html
This degree prepares sport and exercise scientists for leadership positions in teaching, management and research. Opportunities are not limited to Australia and there is the possibility of developing a career on an international level.	handbook.uts.edu.au/ courses/c02057.html
	handbook.uts.edu.au/ courses/c03048.html
This degree offers solid research training to registered nurses who are required to undertake research in their current employment or who aspire to such positions.	handbook.uts.edu.au/ courses/c03049.html
	handbook.uts.edu.au/ courses/c03050.html
Career options include management-level positions in industry or government, and academic positions.	handbook.uts.edu.au/ courses/c03055.html

Institute for Public Policy and Governance

uts.edu.au/research-and-teaching/our-research/institute-public-policy-and-governance/our-research/phd-program

Public and social policy | Local government | Regional development | Urban studies and planning | Housing | Regulation | Public administration

Welcome from the HDR Coordinator, Professor Alan Morris

The Institute for Public Policy and Governance at UTS is dedicated to high quality research addressing societal challenges and public policy issues, and enhancing our knowledge of government and its effectiveness. The Institute has excellent links with national and international governmental and nongovernment bodies, first class facilities, and we strongly encourage a collegiate ethos.

We have an excellent cohort of PhD students engaged in an exciting range of research topics. A few examples – Helen Christensen is examining the emerging community engagement profession in Australia. Neil Selmon's thesis poses the question, "Can collaborative planning practice build adaptive governance systems with the capacity to solve planning problems?". His study is a comparative study looking at Sydney and Vancouver. The wide-ranging changes in local government are the subject of Su Fei Tan's thesis. She is investigating the impact of local reform on local democratic representation and decision-making. An important topic, the capacity of local government to supply affordable housing, is the focus of Lenka Thompson's PhD.

A range of Doctorates and modes of study are available including a Doctor of Philosophy (PhD), UTS Industry Doctorate Program and International Collaborative PhD Degrees with our partners around the world. A Doctorate at the Institute for Public Policy and Governance enables candidates to collaborate with the Institute's top-rated academic researchers and with UTS's departments across a variety of disciplines. As an Institute for Public Policy and Governance PhD candidate you will be colocated with a vibrant team of academics and consultants.

For suitable candidates there may be opportunities to gain valuable teaching and administration experience; to present your research at internal seminars, national and international conferences; to collaborate with academics on research projects and publications; to work with consultants on applied research, policy and evaluation projects; and to develop your networks and maximise the impact of your doctoral research.

Research areas

- Public and social policy
- Local government
- Urban studies and planning
- Regional development
- Regulation
- Housing
- Public administration

Research degrees

For further information on our PhD program, please contact Professor Alan Morris: alan.morris@uts.edu.au



Uday Kulkarni PhD candidate Supervised by Associate Professor **Bligh Gran**

"In Australia, over the last couple of decades, almost all the local governments have adopted Information and Communications Technologies (ICT) to varying degrees so as to deliver vital activities of their operations in more efficient and effective ways."

PhD candidate Uday Kulkarni's research investigates the adoption of ICT in Australian local government, and assesses its capacity to deliver a range of services to local government and communities and how it can contribute to an increased level of sustainability.

Uday's study identifies and investigates the current status of use of ICT in various local governments across Australia and its impact. As part of his research, Uday is developing a framework that could be adopted by local councils to enhance the delivery of everyday services to their local communities.

"The key research questions addressed in my research are: (i) what are the factors influencing ICT adoption in local governments? (ii) what are the challenges in current models of ICT service delivery? (iii) what are the impacts of ICT on service delivery and community engagement? and (iv) how can local government enhance the delivery of sustainable services to the community using ICT?"



Associate Professor Bligh Grant BA, BA (Hons), PhD

Dr Bligh Grant is an Associate Professor at the Institute for Public Policy and Governance at the University of Technology Sydney (UTS).

Much of his work brings expertise in politics, philosophy and political economy to public policy. He enjoys working with scholars, practitioners and HDR candidates to produce academic research outputs and broader outcomes and supervises Masters PhD students in a broad range of topics.

A continuing focus of Bligh's work is local government. He is co-author of three recent books. Local Government in Australia: History, Theory and Public Policy (2017), with Joseph Drew, and Funding the Future (2013) and Councils in Cooperation (2012) with Brian Dollery and Michael Kortt. Recent scholarly articles have appeared in Australian Journal of Political Science, Australian Journal of Public Administration and Australian Planner, His first edited book, Pauline Hanson, One Nation and Australian Politics, was published in 1997, recently followed by the publication of The Rise of Right-Populism Pauline Hanson's One Nation and Australian Politics in 2018

He contributes regularly to media on Australian politics, particularly on local government matters.

Graduate School of Health

uts.edu.au/about/graduate-school-health/research

Clinical Psychology | Orthoptics | Pharmacy | Physiotherapy | Genetic Counselling | Speech Pathology | Indigenous Health

We are part of a consortium of researchers that are tackling one of the world's most pressing and complex health challenges – antimicrobial resistance – to develop a knowledge engine capable of predicting outbreaks and informing interventions.

Research areas

Primary Health Care

- Pharmacy Practice (community and hospital pharmacy practice, professional services)
- Clinical Psychology (clinical health psychology, child and family behaviour, mindfulness-integrated cognitive behavioural therapy)
- Orthoptics (public health and epidemiology, community care, low vision, biomarkers in retinal ageing)
- Physiotherapy (neuro-rehabilitation, chronic disease management, musculoskeletal disorders)
- Genetic Counselling (genomics, impact of living with genetic risk, consumer and healthcare provider educational needs)
- Speech Pathology (digital health, telehealth, communication, swallowing and mealtimes, language and speech disorders)

Health sciences

- Formulation science
- Drug discovery and development
- Cancer cell biology and therapeutics
- Respiratory pharmacology
- Vision science

Research highlights/achievements

Gaming for pain management

In collaboration with the Faculty of Engineering and Information Technology and colleagues from NeurRA, Toby Newton-John in Clinical Psychology has developed a new treatment for pain associated with spinal cord injury.

Patients play a computer game while wearing a state of the art headset. As the player gains control of the brain waves associated with pain perception, they progress in the game. Once clinically proven, we hope to roll out this treatment across Australia and internationally.

Experiential placements research

We are creating a toolkit to help support health educators and students to develop new knowledge and skills that will facilitate meaningful engagement with Indigenous peoples, communities and their organisations with the support of the SPHERE Aboriginal Health and Wellbeing grant.

Why do research with us

When you join our research team, you are part of a well-established interdisciplinary network that is close to industry and embodies cross faculty collaboration. Many of our staff are embedded in hospital settings or are directly involved in clinically applied research. The result? Our research quickly translates into real world changes that improve patient outcomes.

Australian Stuttering Research Centre (ASRC) at UTS

ASRC aims to increase understanding of the nature and causes of stuttering, develop and trial new treatments for it, and improve the health and quality of life for those who stutter and their families globally.

The Centre is supported by funding from the National Health and Medical Research Council of Australia, the Australia Research Council and generous benefactors.

Browse the research areas and supervisors at uts.edu.au/about/graduate-school-health/research

For further information or assistance contact gsh.future@uts.edu.au



Arianne Verhagen Professor

My research focuses on musculoskeletal disorders in primary care.

The goal is to improve the quality of life for people affected by musculoskeletal disorders, and to reduce the monetary cost to society.

Musculoskeletal disorders affect lots of people. In fact, they are globally one of the major burdens of disease. Economically it is one of the major costs to society in terms of sick leave and the impact on health care systems.

Under my supervision, I aim to strengthen the qualities of the researcher in building a clinically worthwhile career in research.



Premkumar Gunasekaran PhD candidate Orthoptics

I am looking at how concussion affects the eyes and how visual tests may be used to aid diagnosis.

Imagine a rugby player who has been hit in the head and looks like he's suffering concussion. Is this player okay? Can he return to the game? My research will create a set of measurements that can be used as markers to determine if it's safe for the player get back on the field.



Gabriele De Rubis PhD candidate Pharmacv

My research is focused on the development and validation of an innovative blood test - a Liquid Biopsy - for the monitoring of disease progression and relapse in Multiple Myeloma. Today, one of the most commonly used procedures to monitor disease response and progression is the bone marrow biopsy, which is very painful and invasive. Liquid Biopsies represent the future of cancer managing because they can be more informative than conventional tissue biopsies while being virtually non-invasive. The Liquid Biopsy test I am working on exploits the great potential of flow cytometry for the characterisation of circulating extracellular vesicles.

My research represents a step forward towards personalised medicine, allowing for a continuous, real-time and noninvasive monitoring of Multiple Myeloma progression. The Liquid Biopsy test will support clinical decisions, including the decision to change treatment regimen, thus personalizing treatment strategies based on the patients' specific characteristics. The outcomes of my research will be the improvement of Myeloma patients' quality of life and an increase in their progressionfree survival. At the same time, a more appropriate selection of the treatment regimen has the potential to substantially reduce healthcare costs by avoiding the unnecessary exposure of patients to chemotherapeutic drugs.

Graduate School of Health research degrees

Course name	Course code	CRICOS code	Duration	Subjects	
Master of Pharmacy (Research)	C03053	076138J	2 years	95590 Master of Pharmacy Thesis	
Master of Pharmaceutical Sciences (Research)	C03054	076139G	2 years	95591 Master of Pharmaceutical Sciences Thesis	
Master of Orthoptics (Research)	C03056	086292E	2 years	95593 Master of Orthoptics Thesis	
Master of Physiotherapy (Research)	C03059	091974C	2 years	95596 Master of Physiotherapy Thesis	
Master of Speech and Language Sciences (Research)	C03062	098382D	2 years	95598 Master of Speech and Language Sciences Thesis	
Master of Genetic Counselling (Research)	C03061	098375C	2 years	95600 Master of Genetic Counselling Thesis	
Master of Indigenous Health (Research)	C03065	0100293	2 years	95602 Master of Indigenous Health Thesis	
Doctor of Philosophy (Pharmacy)	C02056	074603E	2 years	95589 PhD Thesis: Pharmacy	
Doctor of Philosophy (Psychology)	C02060	086293D	4 years	95595 PhD Thesis: Psychology	
Doctor of Philosophy (Orthoptics)	C02059	086294C	4 years	95592 PhD Thesis: Orthoptics	
Doctor of Philosophy (Physiotherapy)	C02063	091973D	4 years	95597 PhD Thesis: Physiotherapy	
Doctor of Philosophy (Speech Pathology)	C02066	098383C	4 years	95599 PhD Thesis: Speech Pathology	
Doctor of Philosophy (Genetic Counselling)	C02065	098404C	4 years	95601PhD Thesis: Genetic Counselling	
Doctor of Philosophy (Indigenous Health)	C02068	0100292	4 years	95603 PhD Thesis: Indigenous Health	

	Career options	Admission requirements and course information
	Career options include academic appointments in universities, research positions, advisory positions and industry roles, Contributors to public policy, or other academic work.	handbook.uts.edu.au/ courses/c03053.html
		handbook.uts.edu.au/ courses/c03054.html
		handbook.uts.edu.au/ courses/c03056.html
		handbook.uts.edu.au/ courses/c03059.html
		handbook.uts.edu.au/ courses/c03062.html
		handbook.uts.edu.au/ courses/c03061.html
		handbook.uts.edu.au/ courses/c03065.html
	Leadership positions in teaching, management and research in academia, private practice, policy development, government, and NGOs both on a national or international level.	handbook.uts.edu.au/ courses/c02056.html
		handbook.uts.edu.au/ courses/c02060.html
		handbook.uts.edu.au/ courses/c02059.html
		handbook.uts.edu.au/ courses/c02065.html
		handbook.uts.edu.au/ courses/c02068.html
		handbook.uts.edu.au/ courses/c02065.html
		handbook.uts.edu.au/ courses/c02068.html

Law

uts.edu.au/research-and-teaching/our-research/law-research/postgraduate-law-research/phd-or-masters-laws

We are driven by a desire to achieve impact through research, a commitment to researcher development and a motivation to engage with the broader community.

We are one of the leading law schools in Australia. Excellence and leadership in legal scholarship and research is integral to our mission. Our research was assessed by the Commonwealth Government as a being 'above world class' in its 2018 Excellence in Research for Australia (ERA) Initiative.

Law scored in the highest band for all three categories of the 2018 Australian Research Council's Engagement and Impact Assessment review – engagement, impact and approach to impact. One project assessed was research conducted over many years on laws governing the use and destruction of IVF embryos. Conducted by Professors Jenni Millbank, Anita Stuhmcke and Isabel Karpin, the research report identified 57 recommendations for changes to law, policy and practice in this area.

Our research centres, Law, Health, Justice and the Centre for Media Transition, offer interdisciplinary research opportunities on significant emerging issues. We also have research strengths in Technology and Intellectual Property, Criminal Justice, Legal Education, International Law, Law and History, Feminist Legal Research and Migration Law and can offer supervision on a range of additional private and public law topics.

Law offers prestigious and internationally competitive Quentin Bryce Law Doctoral Scholarships, which provide recipients with a generous stipend of \$40,000 per year over 4 years full time, travel fund, and the possibility of an additional teaching fellowship.

Anti-Slavery Australia, Centre for Media Transition, Australasian Legal Information Institute (AustLII), Law | Health | Justice,

From socio-legal to legal history, and doctrinal to legal theory – our programs are defined by excellence and leadership in legal scholarship, making a critical contribution to understanding, shaping policy and law-making, and positively informing public debate. As a higher degree research student, you will work with supervisors who are experts in their fields to develop your research and writing skills and produce a high quality dissertation in a field of your choosing.

Information on how to apply for a Law research degree

uts.edu.au/research-and-teaching/ourresearch/law-research/postgraduate-lawresearch/how-apply-law-research

Information on our specialist research areas and supervisors can be found here uts.edu.au/research-and-teaching/our-research/law-research



Associate Professor Thalia Anthony LLB (Hons 1), BA (Hons), MCrim, PhD

Associate Professor Thalia Anthony is an expert in criminal justice and Indigenous people and the law. Thalia's dynamic research has a strong social justice focus; primarily addressing legal issues affecting Indigenous people - including over-imprisonment, the criminal sentencing of Indigenous people and the criminalisation of Indigenous drivers and other minor offenders.

Highly commended in the 2015 Vice-Chancellor's Awards for Research Excellence for Teaching and Research Integration, Thalia's work over the past decade has fundamentally influenced developments in research and methodologies in critical criminology. Thalia is a Chief Investigator on a number of Australian Research Council (ARC) grants: including one that seeks to examine how local courts represent Indigenous women's experiences - such as family violence and family responsibilities and the quality of information before sentencing courts - with the aim of ensuring appropriate sentencing outcomes for Indigenous women offenders in the future. Her other project, 'Improving sentencing processes through the provision of Aboriginal pre-sentencing reports', will consider whether Indigenous community involvement in the preparation of pre-sentencing reports can improve the sentencing process. Community involvement in the sentencing process will ideally work on the basis of providing courts with a fuller set of information regarding the material facts relevant to the offender and the offence, and a broader set of community-based sentencing options.



Anaïs Tobalagba PhD candidate. Teaching fellow. recipient of the Quentin Bryce Law Doctoral Scholarship

Anaïs' research contributes to the debate on business and human rights, a rapidly evolving area of international law that has in recent decades attracted considerable interest due to advanced understanding of the impacts of business activities on the human rights of workers and communities. Investigating case studies from various parts of the world, Anaïs explores the relationship between large-scale mining operations and increased risks of violence against women in mining communities. She aims to identify whether the developing concept of corporate human rights due diligence in international law constitutes an adequate avenue to prevent mining-related violence against women. The impact of her research will be to influence corporate stakeholders in the mining industry to identify best practices and to improve their due diligence processes through the adoption of policies and management systems that effectively ensure the human rights of women.



Adam Booker PhD candidate, recipient of the Quentin Bryce Law **Doctoral Scholarship**

In NSW, the rate of Indigenous imprisonment is 12.5 times that of non-Indigenous people, having grown by 21% since 2005. Yet there has been little focus on the broader dynamics and experiences of Indigenous people with criminal iustice, and what those Indigenous perspectives tell us about their relationship to rates of crime. My research foregrounds the agency of Indigenous people in Wilcannia and Broken Hill, NSW in order to address these limitations. In doing so, it seeks to better understand the criminalisation of regional Indigenous communities, in the hope that such insights will reduce Indigenous disadvantage. This is a research design led by the Indigenous advisory panel who have overseen the project since its inception.

Law research degrees

Course name	Course code	CRICOS code	Duration	Subjects	
Doctor of Philosophy Law	C02028	008681E	4 years	77696 PhD Thesis: Law 77697 Higher Degree Research Seminar	
Master of Laws (Research)	C03024	006407F	2 years	77698 Thesis (Law) 77697 Higher Degree Research Seminar	

Career options	Admission requirements and course information
Career options include academia, private practice, policy development, government, NGOs and international organisations.	handbook.uts.edu.au/ courses/c02028.html
Career options include positions in universities, undertaking research, contributions to public policy, or other academic work, including teaching, interest groups and legal publishing.	handbook.uts.edu.au/ courses/c03024.html

Science

uts.edu.au/future-students/science/research-programs#panel-postgraduate

Science | Mathematical and Physical Sciences | Life Sciences

- At UTS Science, we're passionate about knowledge that drives change – and the proof is in our reputation.
- We're known for producing world leading research across a wealth of scientific disciplines - climate change, infectious diseases, biomedical materials and devices, forensic science, materials science, medical and health sciences, mathematics, physics, chemistry, biology and environmental sciences - and for delivering work that makes a tangible impact on people, communities and the environment.

In the latest (2018) Excellence in Research for Australia initiative, we were ranked at world standard – or above – in every single one of our research disciplines.

Our work in Physical sciences, analytical, material and physical chemistry, environmental sciences, microbiology, plant biology and genetics were given the highest possible score. We're also the top Australian university on the CWTS Leiden Ranking for Scientific Impact.

Technology that drives innovation

We're based in the UTS Vicki Sara Building (Building 7), a purpose-built \$150M building equipped with sophisticated teaching and research facilities, including custom-designed labs across multiple disciplines. We also have teaching and research facilities in Building 4, which is currently being expanded to include seven levels of state-of-the art research equipment.

As a research student, you'll have access to a dedicated floor for analytical instrumentation, allowing you to investigate a diverse range of contemporary issues across biological, environmental and forensic sciences.

Your success is our success

You'll work at the frontiers of human knowledge, building fundamental research capabilities and gaining hands-on experience with the tools and technologies that define modern science.

You'll also gain a wealth of professional skills, such as communication and project management, that'll prepare you to work effectively in industry and government environments.

ithree institute (infection, immunity, innovation):

understanding and control of infectious disease in humans and animals.

Climate Change Cluster (C3):

measure and predict the structure, function and health of plant based ecosystems.

Centre for Forensic Science:

interdisciplinary research approach to address crime and security issues.

Centre for Health Technologies:

health and disease processes; biomedical engineering; and detection and diagnosis of a range of disease states.

Centre for Clean Energy Technology:

development of efficient devices for energy harvesting, storage, and conversion.

Institute for Biomedical Devices (IBMD):

transform advances in photonics and materials into revolutionary biomedical technologies.

Centre for Neuroscience and Regenerative Medicine:

Initiate, implement and coordinate projects that aim to understand central nervous system (CNS) function and improve quality of life for people with CNS disorders.

Centre for Inflammation:

a collaboration between UTS and Centenary Institute, researching the interface between infectious disease, inflammation and immunology.

For information on Science research areas and academic profiles: uts.edu.au/about/faculty-science/what-we-do/our-researchareas



Dr Hanyu Gu

My research is about solving challenging optimisation problems arising in transportation, supply chain and project management. The most interesting part is creating rigorous vet elegant mathematical models for those real world problems which have tremendous social and economic impacts. The core of my research is to develop efficient algorithms to generate supreme solutions driven by large sets of data. I have a lot of experience in large scale combinatorial optimisation, integer programming, decomposition methods and stochastic programming.

My research and supervision aims to provide better support for decision making at the management, governmental and institutional level. It can improve the productivity and wellbeing of the society through reduced operational costs, better customer service. enhanced employee satisfaction, and less environmental impact. An example is improving the flow and timetabling of Sydney's trains helping Sydneysiders get to and from work on time safely.



Natalie Strange PhD candidate

For my PhD I am investigating the biology of Chlamydia bacteria, with a focus on women's health. I look at how some specific genes and proteins in this bacteria work, and see what happens when we block their function with drugs. I also work on drug development for this bacteria, testing new compounds and progressing development of a new and efficacious drug.

Chlamydia bacteria comprise of clinically and agriculturally important pathogens. My research is helping to better understand these bacteria. This in turn is aiding the development of new and effective drugs against them, which may enable better treatment of these infections in future.



Hue Chi (Trudy) Lam PhD candidate

My PhD project addresses planning and scheduling optimisation problems with rolling stock maintenance, in particular during the maintenance of trains.

The challenges include the uncertain duration of maintenance operations, and the fluctuation of allocated resources during this period.

These problems are very challenging from the mathematical viewpoint and remain a subject of intensive research.

The research I am conducting is of great practical significance not only for the companies providing maintenance, but also for the quality of transportation in general.

The research is set out to help facilitate the decision making process for organisations through mathematical modelling and algorithms design.

Science research degrees

Course name	Course code	CRICOS code	Duration	Subjects	
Doctor of Philosophy (Science)	C02031	008663G	4 years	60986 PhD Thesis: Science	
Doctor of Philosophy (Mathematics)	C02030	009463G	4 years	34980 PhD Thesis: Mathematics	
Master of Science (Research)	C03029	030869J	2 years	91774 Master of Science Thesis	
Master of Science in Mathematical Sciences (Research)	C03026	032335A	2 years	34776 Thesis (Mathematics)	

Career options	Admission requirements and course information
Graduates can find careers in academia, as a researcher, research fellow, research associate	handbook.uts.edu.au/ courses/c02031.html
and an expert in their chosen area of research.	handbook.uts.edu.au/ courses/c02030.html
Career options include environmental consultant, medical scientist, researcher, resource manager, scientist or technologist.	handbook.uts.edu.au/ courses/c03029.html
Skills in research and the ability to think mathematically are in growing demand in industry, finance and various government organisations. As a consequence, graduates of this course significantly broaden their career choices, and the research topic may be chosen to further facilitate their career paths, for example, in senior levels of market research, quantitative management and quantitative finance.	handbook.uts.edu.au/ courses/c03026.html

Sustainable futures

uts.edu.au/research-and-teaching/our-research/institute-sustainable-futures

International Development | Energy & Resource Futures | Water Futures | Urban Futures | Landscapes | Climate | Food | Learning & Social Change

Creating change towards sustainable futures through trans-disciplinary research and practice.

Do you want to change the world? Are you searching for new ideas on how to create that change?

A research degree at the Institute for Sustainable Futures (ISF) can help you to build the skills and experience to deliver a better future in your chosen field. You will work with committed colleagues from diverse disciplines to transform your ideas into positive change in the world.

ISF is tackling some of the most complex sustainability challenges facing our world, from climate change to resource scarcity to international development. We work at the leading edge of theoretical and conceptual innovation, applying new ideas to practical experiments in transition towards sustainability. We take a holistic view that integrates technological, economic, behavioural, social and cultural responses to the challenges of the 21st Century.

The research environment you will be part of at ISF is unique. First, we are transdisciplinary. We integrate knowledge from diverse academic disciplines to create new perspectives on sustainability challenges. Engineers and ecologists work alongside social scientists, designers and planners to address environmental and social problems.

Second, we are hands on. Our staff and students work closely with partners in government, business and civil society to realise change.

Third, we offer a supportive community of sustainability scholars. Doing a research degree is a tough, individual challenge. And changing the world can be pretty hard work too! It's easy to burn out. At ISF, you'll work with others who share your goals. Through peer support groups, student meetings, learning workshops and annual retreats, you'll stay connected with our vibrant community of sustainability scholars.

We are passionate about making the world a better place. Come and join us.

- Cities and Buildings
- Climate Change and Adaptation
- Energy Futures
- Food Systems
- International Development
- Landscapes and Ecosystems
- Learning and Social Change
- Resource Futures
- Transport
- Water Futures

PhD – a substantial research project that delivers new knowledge, learning and on-theground change towards a sustainable future

Master by research – a research project that applies knowledge in a new context to contribute toward a sustainable future

All applicants for postgraduate research at the Institute for Sustainable Futures must be pre-approved by the ISF Board of Studies. Closing dates for applications to ISF are about 3 weeks earlier than the UTS enrolment application date. For full details, see uts.edu. au/isf-postgrad

The ISF pre-approval process is designed to help match you up with a suitable supervisor. You are encouraged to start the process well in advance of the application date to allow time for you to refine your proposal with your proposed supervisor. ISF's research areas and academic staff are outlined at isf.uts.edu.au



Dr Scott Kelly Senior lecturer

Dr. Kelly has a PhD from the University of Cambridge and a background in economics, energy and sustainable development. His research deals with issues of risk. sustainability, and climate change.

"Sustainability research is about thinking holistically, thinking on a global scale across time. It's an iterative process, moving between theory, practice and implementation until an optimal solution is found."

Scott has a particular interest in the area of New Economics, for sustainable development.

"Economics is an area that is ripe for developing new theoretical models, and for thinking deeply about the issues for what we want our economy to look like and deliver."

Another area of interest for Scott is complex systems models. "Because my background is in analysis, I think there are some solutions that come from techniques such as network analysis, or from constructing models of systems dynamics, that can be applied to problems within sustainability."



Reba Paul PhD candidate

Urban water providers around the world spend a significant part of their annual operating budget on energy, which contributes to global climate change. My research investigates how distributed recycled water systems can reduce the energy needed for urban water supply.

I am examining the situation in Bangalore, India, as a case study. My hypothesis is that mid-sized recycled water systems have the greatest potential to reduce energy use and are also more resilient to climate-related impacts.

However, there are institutional challenges to implementing such system. I am exploring the role of an integrated 'One Water' framework to help overcome these challenges.

My research will help urban water managers and policy makers to take appropriate decisions to provide cost-effective water services and achieve the United Nations Sustainable Development Goals.



Jason Graham-Nye PhD candidate

The "take / make / waste" economic model which underpins our global economy is not a sustainable long-term approach. A new Circular Economy model is emerging but it is not yet mainstream.

In parallel, Generation Y (26 to 40 year olds) are now the largest consumer group as a cohort and they have just entered the period of their greatest level of consumption.

My research is focused on studying Generation Y parents and analysing their predisposition to making sustainable nappy choices. I will be conducting comparative research in the US and EU using qualitative research methods and Social Practice Theory.

Understanding the factors that predispose Generation Y to make more sustainable choices will help inform policy makers and consumer brand owners. It will also provide a methodology to do similar research on Generation Z and beyond in order to help accelerate a consumer-lead shift to a more sustainable future.

Sustainable Futures research degrees

Course name	Course code	CRICOS code	Duration	Subjects	
Doctor of Philosophy	C02037	032334B	4 years	95582 PhD Thesis: Sustainable Futures	
Master of Sustainable Futures (Research)	C03032	028886D	2 years	95583 Master of Sustainable Futures Thesis	

Career options	Admission requirements and course information
Career options include sustainability consultant, academic and researcher positions.	handbook.uts.edu.au/ courses/c02037.html
Career options include sustainability consultant, academic and researcher positions.	handbook.uts.edu.au/ courses/c03032.html



uts.edu.au/future-students/transdisciplinary-innovation/ uts-animal-logic-academy/research-degrees

Solutions with real-world impact.

- Transdisciplinary education innovation
- Design-led innovation
- Entrepreneurship and innovation
- Sustainable management practices

Animal Logic academy research

- User experience and engagement for augmented and virtual reality
- Animation and interaction
- New aesthetic and technical approaches to data visualisation

PhD and Masters programs – higher degree research in the Faculty of Transdisciplinary Innovation involves a deep exploration of your chosen topic, supported by a supervisory panel that brings together the necessary expertise to guide the candidates throughout their research journey.

To connect with one of our researchers, please email **tdi@uts.edu.au**



Dr Martin Bliemel DhD

Dr Martin Bliemel is a Senior Lecturer and Director of the Diploma in Innovation in the Faculty of Transdisciplinary Innovation, Martin's research interests include entrepreneurial networks and ecosystems, acceleration, education, and research commercialisation. His research has been published in several prestigious journals including Nature Nanotechnology, Entrepreneurship Theory and Practice.

Education+Training, International Journal of Entrepreneurial Behaviour & Research, and the Entrepreneurship Research Journal. Martin is a recipient of the nationally competitive Office of Learning and Teaching Citation for his excellence and leadership in teaching. The award is supported by multiple publications and presentations about his curriculum design, and by the positive feedback from students and industry.

"Joining FTDi is exciting, because of how well the mix of multiple disciplines and approaches is applied to research, teaching and industry engagement. It's exciting to see how well these three areas are leveraged against each other too. Being part of such an engaged transdisciplinary environment also helps me further embed myself in phenomenalam researching, such as studying the 'entrepreneurial university' or studying how nanoand bio-technology intersect to create novel industries."



Professor Kees Dent DhD

Kees Dorst is Professor of Design Innovation at the University of Technology Sydney's Faculty of Trans Disciplinary Innovation. He is the founding director of the UTS Design Innovation Research Centre and the Designing Out Crime Research Centre. He holds the position of Design United professor in The Netherlands, leading a project on the development of Research through Design methodologies. He lectures at Universities and design schools throughout the world. He has published many articles and several books, connecting design theory with practice - including Understanding Design (2006) and Design Expertise (2009), with Bryan Lawson. His most recent books are Frame Innovation create new thinking by design (2015) Designing for the Common Good (2016) and Notes on Design - How Creative Practice Works (2017). He is one of the most quoted authors in design research.

Kees has a background in Design and Philosophy. He is passionate about deepening our understanding of expert designer's practices, so that they can be adopted by practitioners from many different fields. Over the years, this ongoing interest has led to new research into the nature and nurture of the transdisciplinary practices we need in our complex and networked world.

Transdisciplinary Innovation research degrees

Course name	Course code	CRICOS code	Duration	Subjects	
Doctor of Philosophy	C02067	098417J	4 years	95000 PhD Thesis: Transdisciplinary Innovation	
Master of Transdisciplinary Innovation (Research)	C03063	098418G	2 years	95001 Master of Transdisciplinary Innovation Thesis	

Career options	Admission requirements and course information
Graduates can find careers in academia, as a researcher, research fellow, research associate and an expert in their chosen area of research.	handbook.uts.edu.au/ courses/c02067.html
Career options vary but all graduates have the specialised knowledge and skills for enhancing their contribution to professional practice and/or further learning. The skills developed allow graduates to expand their career options, and transition into more senior roles, in particularly those with a research focus. There is also a clear path from this degree towards doctoral studies.	handbook.uts.edu.au/ courses/c03063.html





Industry Doctorate program

The UTS-Industry Doctorate Program (IDP) is designed for postgraduate domestic and international research students, who are interested in pursuing a research career outside academia. It comprises a number of features:

- UTS and the IDP student enter into a 3 year agreement with an industry partner, who has a complex problem they would like investigated. Under the guidance of a UTS academic supervisor, this full-time research project forms the basis of the student's PhD.
- A specialised Industry Researcher Development Program (IRDP) has been designed to not only provide the knowledge and skills to effectively create, plan and deliver on industry projects, but also aims to cultivate strong researchers who are collaborative, enterprising, strategic and entrepreneurial.
- The IDP offers students an ideal opportunity to grow professional industry networks while having access to world class researchers, research facilities and infrastructure, in the heart of Sydney's innovation hub.
- IDP students either receive an attractive scholarship to assist them with their full-time studies. or if they're employed by the industry partner, continue to receive their salary.



James Brownlow Employer-sponsored IDP candidate. Colonial First State

"CFS is an employer of choice and, as such, they're strong advocates of employee development. IDP research is different to the research I would be able to conduct on my own, for instance I can access data and customers that other researchers can't. It has allowed me to really focus on solutions for industry and I know that the research I'm conducting will be used to make a difference in the Australian community. It also allows me to join my professional career with my education for personal development."

Find out more

Find out more about the UTS IDP program: irdp.uts.edu.au

Or contact: grs@uts.edu.au

Collaborative Doctoral Research Degree program

Interested in a graduate pathway with an international partner? At UTS we have established research-led Collaborative Doctoral Research Degree program partnership with a number of its Key Technology Partners (KTP) and other international partner universities across Asia, American and Europe to facilitate students undertaking a PhD across two universities.

As a Collaborative Doctoral Degree Program student, you will:

- Spend a substantive portion of your degree (minimum 1 year) at each university.
- Gain access to world-leading research supervision and facilities in two places.
- Graduate with an international qualification that is recognised around the world.

There are number of benefits to the program:

- Provide candidates with an opportunity to participate in jointly-supervised research projects and enrol in a PhD in two universities.
- Allow candidates to take advantage of UTS's and the partner institutions' strong academic, research, research training, and industry collaboration links to gain international experience and professional mobility.
- Allow for academics to attract high-quality graduate research candidates and further develop their research portfolio.

How to apply

- 1 Inquire with the UTS Graduate Research School: international.research@uts.edu.au with the following information:
- Enrolment letter from your home university indicating your doctoral program start date and expected completion date.
- Your home university's approval letter for you to pursue the collaborative degree with UTS.
- Research timeline including planned activities for the minimum 12 months' UTS stav up to submission/completion at both universities.
- UTS principal supervisor confirmation.
- English proficiency evidence.
- 2 The UTS Graduate Research School will assess your above information and encourage you to apply if you are eligible. You will need to submit the formal application via UTS Online Application System by indicating you are applying for the Collaborative Doctoral Degree Program. You must prepare your supporting documents and meet the admission requirements for your PhD degree prior to submitting the formal application.

Collaborative Doctoral Research Degree program



Santhosh Loganathan PhD candidate, Indian Institute of Technology Madras (IIT Madras), UTS: Faculty of Design, Architecture, and Building, supervised by Professor Perry Forsythe and Prof. Shankar Sankaran

"My research focuses on the impact of different demographic factors on construction workers and productivity. My contribution will be a mathematical model to help predict productivity in both the Indian and Australian contexts.

I really enjoyed my research study at UTS. I was very well guided by my supervisors on all important aspects of research. This has considerably improved my research skills.

The facilities at UTS were also so enabling for an active learning culture. The workshops and courses organised by the

UTS library and the Graduate Research School (GRS), as well as other courses organised at the University are so useful. Also, I received great support from my School's office, Faculty's office and GRS (more importantly) for all sorts of administrative work.

In addition to the experience at University, the amount of industry exposure I have got from the Australian construction industry was enormous. Today, academics are looking for collaboration opportunities. We write articles together with professors in other universities. But when you come here you will really collaborate, not only in writing, but also in terms of field work, data collection and analysis.

In summary, with a dynamic learning culture and active industry collaboration, UTS is one of the great places for learning and research."

Find out more

Find out more about collaborative programme:

uts.edu.au/research-and-teaching/research-degrees/ explore-uts-research-degrees/benefits-research-degree

Or contact:

International.Research@uts.edu.au

Visiting research students program





Would you like to visit UTS and work with our researchers for a short period of time to enhance your PhD study? You can undertake part of your study ranging from one to four sessions at UTS.

For more information see: uts.edu.au/research-and-teaching/research-degrees/explore-uts-research-degrees/benefits-research-degree

Course name	Course code	CRICOS code
Visiting Research Students Program	C50008	066310G



Minimum academic requirements and English requirements

For admission to most Higher Degree by Research programs you are required to submit a research proposal and hold a relevant Australian equivalent master's or bachelor's degree (first or second class Honours with division 1).

Current academic requirements for HDR students:

gsu.uts.edu.au/policies/ admissionspolicy.html and handbook.uts.edu.au

English language requirements

In order to meet the UTS English language requirements for entry into a UTS Higher Degree by Research, you must provide evidence of one of the following (this also applies to students who were born outside Australia and have recently acquired Australian Citizenship or Australian Permanent Residency):

- If you have successfully completed a UTS-recognised public or private post-secondary course that was taught in English and is equivalent to at least one year of full-time study, you must provide official documentation from your institution certifying that the medium of instruction was English. - If your previous education was not in English, you must show evidence of successful completion of one of the English language programs or tests listed in the table below.

For English language requirements uts.edu.au/English-languagerequirements

Academic English Program Level 5 (AE5) and Level 6 (AE6) The Academic English Level 5 (AE5)

and Level 6 (AE6) Program are offered by UTS Insearch as a pathway to UTS. The UTS Insearch CRICOS provider number is 00859D.

insearch.edu.au/coursesprograms/englishlanguage-courses

Postgraduate research	IELTS (academic strand)	TOEFL (internet- based)	PTE (Academic)	CAE	Insearch
Arts and Social Sciences					
Business					
Connected Intelligence Centre	7.0 overall	94-101			
Health	and	overall and	65-72	185-190	AE6
Graduate School of Health	7.0 writing	23 writing			
Law					
Sustainable Futures					
Design, Architecture and Building					
Engineering and Information Technology	6.5 overall	79-93 overall and	58-64	176-184	AE5
Science	6.0 writing	21 writing	30-04	170-104	ALJ
Transdisciplinary Innovation					



How to apply

uts.edu.au/research-applications

Step 1 Find a research area

Before you apply, you should investigate the broad range of research activities and projects that our researchers are currently engaged in at UTS.

For more information about the UTS Research Focus, visit:

uts.edu.au/research-andteaching/research-degrees

Step 2 Check your eligibility

Check that you meet the eligibility criteria for admission to the research degree that interests you at UTS: gsu.uts.edu.au/policies/admissionspolicy.html

Step 3 Pre-assessment process

Some faculties have a preassessment stage to the application process. If your proposed area of research falls into one of the following faculties, you are required to complete the pre-assessment form. If you are applying to any of the other faculties, please progress to step 4.

UTS Business School:

uts.edu.au/future-students/ business/business-courses/ postgraduate-research-phd/ expression-interest-phd

Faculty of Law:

uts.edu.au/future-students/law/ essential-information/applicationinformation

Graduate School of Health:

uts.edu.au/future-students/ health-gem/research/ postgraduate-research-degrees

Institute for Sustainable Futures: uts.edu.au/research-andteaching/our-research/institutesustainable-futures/ourpostgraduate-program/how-apply

Step 4 Find a potential supervisor

Use the Find a Supervisor database on the UTS website or contact your faculty or institute.

Find a supervisor:

uts.edu.au/find-a-supervisor

Contact your faculty or institute: uts.edu.au/about/faculties/

You will need to provide the following information when you contact your faculty or your potential supervisor:

- A brief research proposal which includes your research topic and background of the project. This must reflect your ability to do research
- A current CV/resume
- Academic transcripts

Some faculties require additional documentation at this stage. It is best to consult with your faculty directly.

Step 5 Develop your research proposal

Once you find a potential supervisor you may need to further develop a plan for your proposed research. For details on how to develop your research proposal:

uts.edu.au/research-andteaching/research-degrees/ applying-uts/prepare-yourdocuments/writing-research

Step 6 Attach necessary supporting documentation

Please attach the following documents when you are ready to apply for the research degree program:

- Current CV/resume
- Certified copy of enrolment letter for your current PhD or Master by research degree if applicable
- Certified copy of your academic transcripts and statement of completion for all post-secondary studies
- Certified copy of English language proficiency documents if available
- Permission from home university if you are applying for the Visiting Research Student program, dual/ joint and cotutelle degrees

More information on preparing and certifying your documents: uts.edu.au/research-and-teaching/research-degrees/applying-uts/prepare-your-documents

Step 7 Submitting your application

Please refer to the following website for how to submit your application with supporting documentation: uts.edu.au/research-and-teaching/research-degrees/applying-uts/lodge-your-application

Note: The Faculty of Health requires a Health Supervision Agreement Form to be uploaded with your online application.

View Application deadlines: uts.edu.au/research-andteaching/research-degrees/ applying-uts/applicationdeadlines International students closing dates:

- 15 January 2020 (2020) Spring session, July-August commencement)
- 30 June 2020 (2021 Autumn session, January-Early April commencement)

Domestic students closing dates:

- 30 April 2020 (2020 Spring session, July-August commencement)
- 30 September 2020 (2021 Autumn session, January-Early April commencement)

To submit your application: uts.edu.au/research-andteaching/research-degrees/ applying-uts/how-apply

Step 8 Where to send certified documentation

You must send your certified documents to:

The Graduate Research School University of Technology Sydney PO Box 123 Broadway NSW 2007

Or

The Graduate Research School University of Technology Sydney Level 7, Building 1 15 Broadway Ultimo NSW 2007

Step 9 Application outcome

You will receive an email acknowledging receipt of your application. You can track your application's progress through My Student Admin (MSA) and you will be advised of the outcome of your application by email.

Step 10 Accepting your offer

If you meet all the UTS requirements. you will receive a formal letter of offer to study at UTS. The Graduate Research School will notify you on how to accept your UTS offer via email.

uts.edu.au/research-andteaching/research-degrees/ applying-uts/accepting-your-offer

How to list publications

If you are providing details of scholarly peer-reviewed publications which you have authored, list them using a standard system such as the Harvard Referencing System and ensure you include the information listed below: lib.uts.edu.au/help/referencing/harvarduts-referencing-guide

- Author/s list all authors in the order that appears on the publication with your own name in bold
- Year of publication
- Title of article or book chapter
- Journal/book name or conference proceedings
- Volume/issue of journal article or volume and edition of book
- Page number/s
- Publisher and place of publication
- Publication proof a URL of the online version of the article OR a copy of the front page of the publication OR proof that the publication has been

accepted for publication by providing acceptance letter from editor. For conference papers, a copy of the conference program which shows your name as presenter must be provided.

If your publications are not in English, please provide a certified English translation of the title block using the Harvard Referencing System:

lib.uts.edu.au/help/referencing/harvard-utsreferencing-guide

How to list prizes/awards

If you are providing details of prizes/awards that you have been awarded, include:

- Name of prize/award
- Issuing body who issued the prize or award
- Purpose/description the reason for the prize or award
- Selection criteria used to judge the prize or award

If your prize is not in English please provide a certified English translation of the award.

Feel at home

housing.uts.edu.au

UTS-owned accommodation

International students at UTS can choose from four residences close to campus:

- Geegal is a purpose-built group of townhouses accommodating 57 students in studio and shared apartments
- Bulga Ngurra is a modern apartment building accommodating 119 students in studio and shared apartments
- Gumal Ngurang is a modern apartment building accommodating 252 students in studio and shared apartments
- Yura Mudang accommodates 720 students in studios and shared apartments conveniently located above UTS Building 6.

Wattle Lane, UTS's fifth residence. houses 58 students in studios located only minutes away from the main UTS building. This residence is dedicated to Indigenous students at UTS.

All UTS residences feature spacious communal and BBQ areas, study rooms and games and computer rooms (except Wattle Lane). Gumal Ngurang and Yura Mudang also have a rooftop garden and Yura Mudang has a music room.

All are self-catered, secure and competitively priced. Bedrooms are for one person (unless described as twin shares) with shared kitchens. bathrooms and living areas. Apartments are fully furnished and rent includes gas, electricity. water, cabled Internet in bedrooms and limited wireless Internet in communal areas.

You will need to provide your own bed linen and cooking equipment. Licence fees are different for each residence and room type. There are two non-refundable fees: A\$45 application fee and A\$120 acceptance fee (subject to change).

Due to the high volume of applications, UTS Housing also has reserved beds for students with offcampus providers (Iglu and Scape).

Renting private accommodation

If you're seeking private accommodation, we recommend you arrange short-term accommodation in Sydney so you can view properties on your arrival and choose something that suits your long-term needs.

Visit UTS Housing's off-campus accommodation website to find share rooms in private houses and apartments around UTS: uts.studystays.com.au

Share accommodation means you usually have your own room and share a kitchen, living area and bathroom with other students or people who work. Alternatively, you may choose a studio or one-bedroom apartment to live in on your own, but this is more expensive.

All accommodation rentals should come with a share or residential or tenancy agreement. If you need any help or advice, please contact the UTS Housing Off-Campus Officer at housing.welfare@uts.edu.au or the UTS Student Legal Service at studentlegalservice@uts.edu.au who are here to help you.

Establishment costs

You should expect to pay approximately A\$5200 in establishment costs for independent accommodation. Allow an additional A\$1000 to A\$1500 for a computer and printer, if required.

These costs include items such as a rental bond (up to four weeks' rent), rent in advance, linen, furniture, kitchenware, personal items, and telephone, Internet, and electricity connection.

For UTS Housing, you'll need to budget for the application fee (A\$45), the acceptance fee (A\$120), the bond (equivalent of four weeks' rent), two weeks rent in advance, and any personal items.

Residential Life Program

UTS Housing accommodates 1206 students from across Australia and around the world.

Our Residential Life program provides students with a dedicated support network that assists with the transition of living away from home, enhances learning and organises social activities.

Accommodation Tip

Don't pay any money before viewing and being satisfied with a non-UTS property. Until you arrive and get a feel for the area you want to live in, you won't know whether it is right for you.

Out of respect for the traditional owners of the land, we've used Aboriginal language to name our residences.

Bulga Ngurra (Mountain Camp):

5-10 minutes' walk from UTS

Geegal (Shelter):

10-15 minutes' walk from UTS

Gumal Ngurang (Friendly Place):

5 minutes' walk from UTS

Yura Mudang (Students Live):

Next to main tower



		Independent accommodation		UTS accommodation	
		Weekly	Annual	Weekly	Annual
Rent per person in shared accommodation within a short commute to UTS		A\$250* - A\$350	A\$13 000 - A\$18 200	A\$242 - A\$422	A\$12 584 - A\$21 944
Living c	osts				
4 5	Groceries (e.g. food, drinks, toiletries)	A\$100	A\$5200	A\$100	A\$5200
	Phone (mobile)	A\$20	A\$1040	A\$20	A\$1040
	Internet	A\$10	A\$520	Free cabled Internet in roo and limited free Wi-Fi acce	
	Utilities - Gas/electricity	A\$20	A\$1040	Included	Included
S	Books/supplies/printing	A\$16#	A\$832#	A\$16#	A\$832#
	Transport costs	A\$35^	A\$1820^	A\$10^	A\$520^
\$5	Total costs	A\$426 - A\$536	A\$22 152 - A\$27 872	A\$388 - A\$568	A\$20 176 - A\$29 536

This table details approximate costs that you may incur while studying at UTS and living in Sydney. It should be used as a guide only.

It's a requirement of the Australian Government that prospective international students demonstrate they have access to at least \$4\$20,290 a year to fund the following the followingtheir living costs and additional funds if bringing partners or family.

Note: Prices vary depending on the condition of the property, the number of people you share with and the proximity of the accommodation to the centre of Sydney.

^{*} Any amount below this will likely be twin share. # Costs may vary according to course. ^ Transport costs will vary depending on how close you live to campus.

Health cover, tuition fees and SSAF

Health cover

If you are an international student, you are required to have Overseas Student Health Cover (OSHC) before a student visa will be granted by the Australian Government. It is a visa condition for international students to have OSHC cover for the full duration of your stay in Australia, OSHC covers students for emergency medical attention through the public health system. It does not cover all medical expenses such as physiotherapy, optical or dental care, pregnancy, pre-existing conditions or the cost of admission to a private hospital or nonemergency ambulance transport. Extra health insurance is available to cover these additional expenses.

If you choose the UTS preferred provider Medibank Private, vou can visit Medibank medibankoshc.com. au/uts/grs to arrange your OSHC for visa length coverage. You must arrange OSHC for yourself and the costs of cover may differ between insurers and the plan you choose. You must have OSHC arranged at the time of accepting your offer:

uts.edu.au/research-andteaching/research-degrees/ applying-uts/accepting-your-offer

Tuition fees

Domestic students (Australian citizens. Australian permanent residents or New Zealand citizens) who are offered entry to a graduate research degree may be eligible to have the cost of their tuition fees covered by the Australian Government's Research Training Program (RTP) Fee Offset Scholarship. If you are granted an RTP Fee Offset Scholarship you are not required to pay tuition fees for up to the maximum period of time allowable to complete your research course (4 years full time equivalent for a doctorate degree and 2 years full time equivalent for a masters by research degree). More information about RTP is available from the Department of Education and Training website:

education.gov.au/researchtraining-program

International students must pay tuition fees prior to the commencement of each session unless they have a scholarship that covers the tuition fee. Textbooks and other course materials are additional expenses. The fees are subject to annual increase and may vary between courses. For detailed information about tuition fees for UTS higher degree by research courses and the UTS Protocol on Fees and Refunds for International Students studying in Australia go to:

uts.edu.au/current-students/ managing-your-course/fees-andpayment/international-studenttuition-fees

Student services and amenities fees

Australian universities charge a Student Services and Amenities Fee (SSAF) to support the maintenance of a range of student services at universities. At UTS, the SSAF funds provide support to Students' Association sponsored activities such as the second-hand bookstore. the UTS Union food, beverage and retail outlets and student clubs. UTS services supporting skills and language development and the UTS Student Legal Centre.

The SSAF is applicable for international and domestic students. You will be required to pay the SSAF in each session in which you enrol and the fee will be due after the census date of each session. The SSAF is non-refundable after census date. To give you an estimate of the cost, in 2019 the SSAF was A\$151.50 per session for full-time students (those with a study load of 18 credit points and above per session, or equivalent). The SSAF will be subject to an annual government set indexation increase.

For further information go to:

uts.edu.au/current-students/ managing-your-course/fees-andpayment/student-services-andamenities-fee-ssaf

Message from the Dean, Graduate Research School (GRS)



Thank you for considering the University of Technology Sydney for the next stage of your research journey.

UTS's graduate research programs are guided by our overall purpose to advance knowledge that informs and innovates academia, the professions, industry and communities.

UTS aims to:

- Produce the next generation of researchers who will work and lead in a range of contexts
- Become known as the destination for training for research careers in industry
- Provide all students with opportunities to engage with industry and communities

We offer masters by research and doctoral programs across our Faculties and Institutes.

This course guide provides you with an overview of our graduate research programs and the support available at UTS, it highlights the great work of our researchers and experiences of some of our current and recent research students, and it provides information about scholarship opportunities and the application process.

I hope you will choose UTS to further your research knowledge and skills. I look forward to welcoming you to become part of the UTS research community.

Professor Lori Lockyer Dean of Graduate Research School

Connect with us



UTS_GRS

Domestic application enquiries

E: grs@uts.edu.au T: +61 2 9514 1336

International application enquiries

E: international.research@uts.edu.au

T: +61 2 9514 1336

All scholarship enquiries

E: research.scholarships@uts.edu.au

T: +61 2 9514 1336

The Graduate Research School Street address

Level 7, Building 115 Broadway, Ultimo NSW 2007, Australia

Postal address

The Graduate Research School University of Technology Sydney (UTS) PO Box 123 Broadway NSW 2007, Australia

Disclaimer: The University of Technology Sydney (UTS) has used its best efforts to ensure that the information contained in this guide was correct and current at the time of publication (September 2019). The information is provided in good faith as a guide and resource for new students. UTS accepts no responsibility for any error or omission. Information contained in this guide is subject to change from time to time. You are advised to check the accuracy and currency of the information with the relevant faculty or unit within UTS, or with the relevant external organisation, before acting upon the information.

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