Built Environment

Faculty of Design, Architecture & Building

Postgraduate Courses 2020
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Faculty snapshot

<table>
<thead>
<tr>
<th>Total</th>
<th>UTS at a glance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total students</td>
<td>45,930 students</td>
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<tr>
<td>Undergraduate students</td>
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<td>Postgraduate coursework</td>
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<td>Higher degree research students</td>
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<tr>
<td>Staff</td>
<td>3,896</td>
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UTS student diversity

<table>
<thead>
<tr>
<th>Gender</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Female</td>
<td>49%</td>
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<tr>
<td>Male</td>
<td>51%</td>
</tr>
<tr>
<td>Age</td>
<td>31%</td>
</tr>
<tr>
<td>Language</td>
<td>49%</td>
</tr>
</tbody>
</table>

UTS Built Environment is part of the Faculty of Design, Architecture and Building.
Please note the above numbers are approximates as of November 2018.

Acknowledgement of Country

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

Cover Image: Getty Images
Why UTS Built Environment?

A COMMUNITY OF GREAT MINDS
The team you work with makes a difference. At UTS, we bring together students and staff from many industries, and with many backgrounds. But they’re all driven to make a difference in our cities and in their career. And our teaching staff don’t just teach: they run their own companies, sit on executive boards, and develop world-class research. They’re forever learning so you can as well.

IT’S WHO YOU KNOW
150 plus. That’s how many industry partners the UTS School of Built Environment works with. We collaborate with influential businesses across town and beyond our borders. One moment you could be hearing unique insights from a high-profile guest lecturer, the next you could be swapping business cards with them.

GO GLOBAL WITH YOUR CAREER
Today’s property, planning and construction industries are global. There’s a good chance your next career might be overseas. We are one of the only Australian schools of built environment to be accredited across all of our postgraduate programs by national and international professional bodies like the Project Management Institute and Royal Institute of Chartered Surveyors. These are organisations that will make your degree stand out at your next interview, whether it’s in Sydney, Manhattan or London.

MAKE AN IMPACT DURING YOUR DEGREE
You learn the most when you’re working in the real world. We partner with industry heavyweights or look to actual case studies when we set briefs for our students. The projects you’ll work on during your degree are as close to the real deal as you’ll get. Depending on your degree you could be addressing a challenge for the City of Sydney or analysing a development for Lend Lease. And applying up-to-date practices to real business scenarios, means that you’ll already have a track record when you apply for the next job or promotion.

JOIN US IN THE CITY
Your time matters. That’s why we deliver our classes in a variety of different modes, from evening classes to delivering whole subjects over a multi-day block session. We’re also investing in new teaching technologies to give our students more options for blended learning. Best of all our city campus is located a few minutes walk from Sydney’s biggest transport hub, Central Station. You’ll be able to get here (and away) with ease.

TECHNOLOGY THAT YOU NEED
We’ve invested in the latest software and professional equipment to ensure you’re able to produce outstanding projects and bring your grand ideas to life. Our comfortable computer labs are accessible 24/7, plus you’ll also be able to experiment in interactive spaces such as the Immersive Construction Environment (ICE) studio.

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UTS students collaborate with Sydney councils on urban renewal projects

A pluggable green plaza, grassed boulevards and a rooftop bar are just some of the ideas in master plan proposals developed by postgraduate UTS students for the planned revamp of the North Sydney Metro site.

Cross-divisional teams made up of students from Architecture and Built Environment disciplines, worked on comprehensive urban renewal plans for sites including Sydney Metro stations, Turramurra Town Centre and Freshwater SLSC, as part of a compulsory UTS Planning and Property Development unit.

Planning expert and head of the UTS School of Built Environment, Professor Heather MacDonald, says: “We’ve embedded industry-focused projects into the curriculum as it’s critical that students are given opportunities to apply their learnings to real-world cases which mimic realistic workplace scenarios.

“It’s also mutually beneficial as our industry partners such as NSW Transport and Council staff are able to learn from our students’ innovative and fresh approach to solving challenges,” continued Professor MacDonald.

Executive Planning Advisor at North Sydney Council, Gavin McConnell, has been working with UTS students for the past five years. He says the experiences have enriched his ‘outlook and innovative capacity’.

Gavin explains: “At North Sydney Council we currently have some incredible urban design challenges involving public and private developments which are set to completely change the face of North Sydney.

“Quite often, professionals can get trapped within their own ‘bubble’ of thinking and doing things, so having the groups apply their own experience and skills to the challenges was really rewarding as it shone new light on the opportunities at hand.”

International student Charlotte Hesketh, who recently relocated from England to study the UTS Master of Property Development, was part of the team responsible for devising plans to revamp the North Sydney metro site:

“It was so beneficial presenting to and working with actual clients because we were much more committed to delivering top quality work, as you never know where your next job offer might come from - it was also really great to see that they liked our ideas!”

Industry Accreditation and Sponsorship

The degrees offered by UTS Built Environment hold a total of 18 accreditations, by the main professional bodies in Australia as well as some key international institutes including:

- Australian Property Institute (API)
- Planning Institute of Australia (PIA)
- Project Management Institute (PMI)
- Royal Institution of Chartered Surveyors (RICS)

Our industry partners provide support to postgraduate students by generously funding a range of prizes and awarding job placement opportunities for academic achievement in select units of study.

Current donors include:

- International Centre for Complex Project Management
- HillPDA
- Project Management Institute
- Tracey Brunstrom & Hammond

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Meet our Built Environment Academic Leaders

Professor Heather MacDonald
Head of UTS Built Environment

Professor MacDonald’s research has focused on affordable housing finance, spatial analysis, and estimating the economic and social impacts of public investments. She has published two books on GIS and urban planning, and numerous articles in top-ranked academic journals. Since moving to Sydney in 2008, her research has investigated the impacts of rail investments on housing prices, the impact of planning regulations on housing affordability, ethnic discrimination in the Sydney rental market, and the planning reform process in NSW.

Read more
uts.edu.au/staff/heather.macdonald

Associate Professor Catherine Killen
Associate Head of School Project Management

Catherine’s teaching and research builds upon her engineering background and her experience with new product development and technological change projects. She is an influential leader of research in project portfolio management, with over fifty publications in the area. Her teaching focuses on managing innovation and communication in project environments. Catherine is regularly invited to speak to industry audiences about her practice-based research and its implications for modern project management. Her current research themes include strategy and project portfolio management, the use of data visualisations in project and portfolio decision making, and benchmarking to improve innovation and project portfolio management capabilities.

Read more
uts.edu.au/staff/catherine.killen
OUR COURSE DIRECTORS

Associated Professor Song Shi
Real Estate Investment
Property Development

Song has extensive professional experience in property valuation and investment, as well as in construction and development. His teaching focuses on property economics, valuation, finance and investment.

Song is an active researcher with his research interests covering a wide range of property finance and economics related areas, mainly on asset pricing, urban land use patterns, housing market analysis and behavioural economics. He has widely published his research work in top academic journals, including Journal of Banking & Finance, Urban Studies, Regional Science and Urban Economics, Real Estate Economics, and Journal of Real Estate Finance and Economics. He is the board member of Global Chinese Real Estate Congress, and currently on the editorial board of Pacific Rim Property Research Journal, and International Journal of Housing Markets and Analysis.

Read more
uts.edu.au/staff/song.shi

Dr Gabriela Quintana Vigiola
Planning

With an academic and consulting background in urban design and planning, Gabriela's expertise and research focuses on current issues such as informal settlements and informal housing; placemaking; participatory design methodology; master-planning; urban design developments; spirituality, culture and urban spaces; urban morphology; and urban design and planning history and theory.

Gabriela joined UTS in 2012 following an appointment as Assistant Professor at the Simon Bolivar University (Universidad Simon Bolivar) in Caracas, Venezuela. Here she completed her PhD thesis about placemaking through culture, focusing on the construction of place in Venezuelan slums' urban space through catholic procession as a cultural construct. Currently, she is developing research about informal housing conditions in Sydney.

Read more
uts.edu.au/staff/gabrielamarian.quintanavigiola
Academic Leaders continued

Dr Michael Er
Higher Degree Research

With over 20 years’ experience in the sector, Michael has worked across a variety of roles, from client-side project manager to principal of a building contracting company. His experience spans a wide range of projects, including infrastructure, schools, commercial building and fit-outs and residential projects. He maintains a building supervisor’s licence in NSW.

At UTS, Michael has designed a series of innovative subjects that give students firsthand experience of construction project management on an international scale. Previously, Michael has led student groups to participate in building programs with not-for-profit partners in a range of developing countries, including Cambodia and Thailand, and to evaluate construction project management in Australia against other countries such as Vietnam and Japan. His current research program examines innovation in the construction industry.

Read more
uts.edu.au/staff/michael.er

Craig Barry
Construction Management

Craig has more than 20 years’ experience in the construction industry, working across the residential, commercial, institutional and industrial sectors.

A former structural engineering consultant, Craig now runs CKB Projects and Consulting where he specialises in the diagnosis, remediation and upgrading of defective and dilapidated buildings. This niche expertise makes Craig a highly sought-after expert witness for building disputes, both in the early stages of dispute resolution and in established court proceedings.

At UTS, Craig brings his in-depth industry experience to construction and property courses at both undergraduate and postgraduate level.

Read more
uts.edu.au/staff/craig.barry
Planning

Graduate Certificate in Planning
Graduate Diploma in Planning
Master of Planning

Course code:
- C11270 Graduate Certificate in Planning
- C07002 Graduate Diploma in Planning
- C04007 Master of Planning

Duration:
- One semester full-time or 1 year part-time (Grad Cert)
- 1 year full-time or 2 years part-time (Grad Dip)
- 1.5 years full-time or 3 years part-time (Masters)

Delivery mode:
Subjects are offered in blocks, ranging from two to two-and-a-half full days, with a typical subject composed of two blocks. Web and email access is critical for all course communication.

Admission requirements:
For the Master of Planning: Completion of a UTS recognised Bachelor’s degree or equivalent in a cognate field. Alternative entry paths are available for applicants with a minimum of five years work experience in a profession closely related to urban planning. See the online handbook for detail of the entry requirements for all courses: handbook.uts.edu.au/dab/

Accreditation:
The Master of Planning degree is accredited by the Planning Institute of Australia.

Planning provides a new career path for design, planning and property professionals, equipping graduates with a broad understanding of planning issues alongside the negotiation skills and creative thinking required to resolve them.

Whereas planning has often been seen as an approval process, UTS approaches the discipline as a critical task, one that connects communities with governments, institutions and developers.

We firmly believe the best planners don’t just apply existing regulations: our graduates are creative problem solvers and negotiators, able to work effectively in teams and with stakeholders to deliver workable solutions to complex residential, commercial and infrastructure development problems.

Through this course, you will proactively engage with policy, environmental and demographic frameworks to understand how planning decisions shape the urban environment over the long term. This engagement is multi-disciplinary, spanning planning, urban design, property, architecture/landscape architecture, economics, spatial analysis, law and urban ecology.

The degrees have both a strong sustainability focus and an emphasis on the property development cycle. Students learn about land markets and feasibility studies, and acquire the technical skills to perform complex and evidence-based forecasting. They also learn how to conduct large scale structure planning and design master planned developments for communities.

You will achieve these outcomes by applying theory to real-world scenarios in real-world learning environments, including peer-led, multidisciplinary teamwork and discussions, case studies and field trips, with opportunities to travel internationally.

Masters students are also able to complete an extra 24cp to obtain a Master of Property Development - see page 18 for further information.

CAREER OUTCOMES
Planning offers good employment opportunities, especially when compared to other specialist, related fields. The degree enables professionals to change careers due to the multi-disciplinary nature of the learning. Our graduates are in public sector positions, including working for state and local government, and in private consultancy in planning and property development firms. There are also careers in strategic planning on major developments and projects, master planning with financial analysis, and the increasingly important area of sub regional planning.
### Master of Planning typical course structure

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credit Points</th>
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<td><strong>STM90502 Core subjects (Planning)</strong></td>
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<tr>
<td>Property Development Process</td>
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<tr>
<td>Sustainable Urban Development</td>
<td>15146</td>
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<tr>
<td>Planning and Environmental Law</td>
<td>17700</td>
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<tr>
<td>Urban Design</td>
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<tr>
<td><strong>STM90503 Level 2 core subjects (Planning)</strong></td>
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<tr>
<td>Group Project A: Urban Renewal</td>
<td>15143</td>
</tr>
<tr>
<td>Group Project B: Greenfields Development</td>
<td>15144</td>
</tr>
<tr>
<td>Development Negotiation and Community Engagement</td>
<td>15145</td>
</tr>
<tr>
<td>Urban Economics and Infrastructure Funding</td>
<td>15241</td>
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<tr>
<td><strong>CBK90597 Core and elective subjects (Planning) Level 3</strong></td>
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<td>Select 24 credit points of options:</td>
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<td>Major Project Stream</td>
<td>STM90504</td>
</tr>
<tr>
<td>Minor Project and Electives Stream</td>
<td>STM90505</td>
</tr>
</tbody>
</table>

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**Spin your passion into a new career**

JANE PARKER  
Master of Planning,  
Founder and coordinator of Cyclehack Sydney  
Transport Planner, Cardno

With a background in Linguistics, the Master of Planning certainly wasn’t the obvious path for Jane Parker. But her love of cycling and passion for sustainable transport steered her in that direction.

As the founder of Cyclehack, which aims to reduce the barriers to cycling through innovative design thinking, she is now able to make an impact in her adopted home, Sydney.

“My interest in urban planning began after feeling frustrated by the lack of infrastructure to support sustainable transport choices,” says Jane.

Her decision to study at UTS included “its strong reputation for producing graduates with practical skills who were job-ready,” which was of real importance considering her career change. The intensive block delivery mode also appealed because it facilitates an effective work-study balance.

“One of the things I’ve learned being part of the Master of Planning at UTS is that urban planning isn’t about creating specialised social planners or transport planners, necessarily. Planning is broad, and there are so many stakeholders and externalities to consider. Planners need to be able to work across disciplines and to apply their skills to different planning challenges,” continues Jane.

“Something that I’ve found really beneficial is studying with a multidisciplinary group of students. I imagined I would be sitting in a classroom of aspiring planners with interests very like mine.

However, the reality is that I have been taking classes with a lot of students doing architecture and property development. This has given me a great insight into their goals and motivations, which sometimes differ to mine, and I feel much better equipped to work in cross-disciplinary teams in my future career.”
UTS’s Project Management program provides an immersive learning environment for both aspiring and experienced project managers. Our courses will equip you with the underlying knowledge and practical experience that drive project delivery across all industry sectors, from construction to information technology.

To cater for busy work schedules, we deliver classes in an intensive block-mode. This creates an immersive experience where students work with their peers in a team-based, simulated project environment.

Students also gain practical experience by working on real-life projects, in the classroom, on site or using computer simulations. For example, students have recently developed project plans for the Jack Thompson Foundation, Complementary Health Care Council of Australia (CHC), and a number of industry associations.

Our academics are at the forefront of project management research, internationally. This breadth of knowledge ensures that students have access to leading-edge thinking applied in both project-specific and organisational contexts. Our teaching staff also includes specialist guest lecturers from within UTS and institutions and organisations in Australia and overseas.

You will graduate from UTS with a detailed understanding of just how project management directly improves business productivity and profitability. You will be able to deliver projects that help organisations achieve their strategic objectives.

At a Master’s level, students have the unique opportunity to develop a specialised skillset by choosing a sub-major in business, construction, engineering, IT, local government management, property development or health, combining project management disciplines with sector-focused knowledge.

CAREER OUTCOMES
Graduates from the project management program at UTS can establish careers as project managers, and specialise in sectors through sub-majors. The knowledge gained from the program equips graduates to improve their skill set to manage projects as part of their current position, and move into senior, director-level positions.

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**Graduate Certificate in Project Management**

**Master of Project Management**

**Course code:**
- C11005 Graduate Certificate in Project Management
- C04006 Master of Project Management

**Duration:**
- One semester full-time or 1 year part-time (Grad Cert)
- 1.5 years full-time or 3 years part-time (Masters)

**Delivery mode:**
Up to four intensive teaching blocks during semester, with up to 46 contact hours. Web and email access is critical for all course communication.

**Admission requirements:**
For the Master of Project Management: Completion of a UTS recognised Bachelor’s degree or equivalent plus a minimum of six months relevant work experience. Alternative entry paths are available for applicants with 5 or more years of relevant work experience. See the online handbook for detail of the entry requirements for all courses: [handbook.uts.edu.au/dab/](http://handbook.uts.edu.au/dab/)

**Accreditation:**
The Master of Project Management is accredited by the Project Management Institute’s (PMI) Global Accreditation Centre for Project Management Education Programs (GAC) and the Royal Institute of Chartered Surveyors (RICS).

This course is also endorsed by the Australian Institute of Project Management (AIPM).
Master of Project Management typical course structure

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Course Code</th>
<th>Credit Points</th>
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<tbody>
<tr>
<td>Project Communication, HR and Stakeholders</td>
<td>15312</td>
<td>6cp</td>
</tr>
<tr>
<td>Project Risk, Procurement and Quality Management</td>
<td>15319</td>
<td>6cp</td>
</tr>
<tr>
<td>Project Time and Cost Management</td>
<td>15316</td>
<td>6cp</td>
</tr>
<tr>
<td>Scope and Integration Management</td>
<td>15310</td>
<td>6cp</td>
</tr>
<tr>
<td>Advances in Project Management</td>
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<td>6cp</td>
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<td></td>
<td></td>
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<tr>
<td>Project Management (Advanced)</td>
<td>CBK91785</td>
<td>42cp</td>
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</tbody>
</table>

As a strong advocate of healthcare reform, Jack Jones aimed to address the severe health disparities facing many Indigenous Australians.

His vision led him to pursue the study of project management as part of his Masters of Health Service Management degree, in order to develop the skills needed to tackle a ‘holistic approach to large-scale challenges.’

"Initially I dreamt of becoming a clinician, but I changed perspective when I saw that a degree like this would allow me to make a greater impact to a greater number of people’s health and wellbeing," said Jack.

The prevailing trend towards multidisciplinary study is providing students with the opportunity to acquire the business skills needed to implement transformative change.

"Health is my passion and aiding others is what drives me however, many practitioners lack business minds and vice-versa," he explained.

"In a business world, you look to see where the market deficiency lies and address that issue. In health, there is extreme deficiency and disparity in Indigenous Australian’s health outcomes, with a life expectancy over 10 years less than their non-Indigenous counterparts."

The strong focus on practice-based learning at UTS prepares Project Management students to work within any sector by focusing on strategies employed by project managers on major scale projects:

"We met and presented to real-life clients, allowing us insight into what we did well and what we needed to work on. It actually prepared us for working in the industry, which was a rare opportunity for a student," highlighted Jack.

The recent graduate now plans to work with Indigenous leaders to determine the most culturally appropriate way to implement a non-profit, project-based health program.

Advocate for real and transformative change

JACK JONES
Master of Health Service Management (Project Management major)
Graduate Certificate in Construction Management*

Graduate Diploma in Construction Management

**Course code:**
- C11276 Graduate Certificate in Construction Management*
- C06126 Graduate Diploma in Construction Management

**Duration:**
- One semester full-time or 1 year part-time (Grad Cert)
- 1 year full-time or 2 years part-time (Grad Dip)

**Delivery mode:**
Up to four intensive teaching blocks during semester, with up to 46 contact hours. Web and email access is critical for all course communication.

**Admission requirements:**
Minimum of 1 year work experience with a Bachelor’s degree or 5 years relevant experience with no degree.
*Not available to international students.

Gain the skills you need to become a leader in the contemporary construction industry.

The Graduate Certificate and Graduate Diploma in Construction Management emphasise the skills required to succeed as a construction project manager in a rapidly expanding sector. If you’re a high-achieving professional, particularly if you’re working in the built environment sector, these courses can prepare you to take the next step in your career.

As a Construction Management student, you will study critical construction management concepts, including construction technology, methodology, regulation and management; cost planning, including budgeting, estimating, pricing and cost management; project planning and management, including the ability to assess and manage risk; as well as legislation and ethics as they relate to the construction industry.

Graduate diploma students will gain further knowledge in contracts administration, integrated project delivery, and communication and stakeholder management, and will have the option to build specialist knowledge in a chosen elective subject.

UTS is known for its commitment to hands-on practice, and our Construction Management degrees are no different. All our courses are delivered by leading academics and practitioners, giving you access to relevant, real-world expertise that reflects the realities of today’s construction sector. Theoretical learning is integrated with best practice case studies, and the use of digital technologies will give you hands-on experience with real-world estimating, programming and building information modelling (BIM) tools.

What’s more, our course content is built on the Project Management Body of Knowledge (PMBOK) methodology, adapted for use in a construction context, which means that everything you study can be easily applied to a wide range of construction challenges and projects.

**CAREER OUTCOMES**
This course is primarily aimed at professionals looking to change careers, particularly those already employed in a related Built Environment industry. Career options include a range of management roles as they relate to the construction sector, such as project, construction, design, environmental, site, contract or facility management; construction economics; quantity surveying; construction programming, cost engineering, estimating or property development.
Graduate Certificate in Construction Management typical course structure

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>12511</td>
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<td>12537</td>
<td>6cp</td>
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<td>17553</td>
<td>6cp</td>
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<tr>
<td>12003</td>
<td>6cp</td>
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</table>

Graduate Diploma in Construction Management typical course structure

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credit Points</th>
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<tbody>
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<td>12537</td>
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<td>17123</td>
<td>6cp</td>
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<tr>
<td>15349</td>
<td>6cp</td>
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</tbody>
</table>

Select 6 credit points of options*:

- Elective (Construction Management) CBK91753 6cp

*Choice of electives would enable articulation into a Master of Property Development or Master of Project Management, with an additional six subjects
Property Development

Graduate Certificate in Property Development
Graduate Diploma in Property Development
Master of Property Development

Course code:
- C11271 Graduate Certificate in Property Development
- C06006 Graduate Diploma in Property Development
- C04008 Master of Property Development

Duration:
- One semester full-time or 1 year part-time (Grad Cert)
- 1 year full-time or 2 years part-time (Grad Dip)
- 1.5 years full-time or 3 years part-time (Masters)

Delivery mode:
Up to four intensive teaching blocks during semester, with up to 46 contact hours. Web and email access is critical for all course communication.

Admission requirements:
For the Master of Property Development: Completion of a UTS recognised Bachelor’s degree or equivalent plus a minimum of six months relevant work experience. Alternative entry paths are available for applicants with 5 or more years of relevant work experience. See the online handbook for detail of the entry requirements for all courses: handbook.uts.edu.au/dab/

Accreditation:
The Master of Property Development is accredited by both the Property Institute of Australia and the Royal Institute of Chartered Surveyors.

UTS’s Property Development degrees provide a comprehensive understanding of the property development process combined with the practical skills required to work effectively in the industry. This incorporates the political, financial, legal and physical systems that contribute to the successful development of property assets.

At UTS, you will gain this broad understanding of the property development cycle in a team-based learning environment, enabling you to move beyond niche disciplines into broader management level positions or work with clients in new ways.

As a student, you will benefit from close ties to industry: our academics have professional backgrounds and connections, and class projects are often based on real development scenarios. Recent project examples include the Gladesville Hospital site, Lindfield Town Centre and the Sydney Light Rail Corridor.

As many of our students have extensive industry experience too, there are excellent opportunities for peer-to-peer learning and networking across a range of fields including property development, valuation, construction, engineering, town planning and architecture.

We also recognise the broad nature of the property industry: you can tailor your degree thanks to the extensive range of specialist electives available to students, including finance, conservation, urban design, global trends and commercial property. With a strong foundation in planning, Masters students are also eligible for significant block credit in the Master of Planning.

CAREER OUTCOMES
Our degrees provide property related professionals such as architects, engineers, construction managers, valuers, planners and business or finance professionals the opportunity to broaden their knowledge and qualifications and obtain a more holistic understanding of property development and related processes. This enables our graduates the opportunity to expand their careers or move outside of their original professional area to higher or broader roles within the property development industry and/or offer new services to clients.
Master of Property Development typical course structure

<table>
<thead>
<tr>
<th>Course</th>
<th>Course Code</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
<tr>
<td>Development Feasibility and Valuation</td>
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<td>6cp</td>
</tr>
<tr>
<td>Property Transactions</td>
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<tr>
<td>Planning and Environmental Law</td>
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</tr>
<tr>
<td>Group Project A: Urban Renewal</td>
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<tr>
<td>Property Market and Risk Analysis</td>
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Build yourself a better network

SAMANTHA PASCALL
Master of Property Development
Associate for Property & Infrastructure,
Corrs Chambers Westgarth

As a corporate real estate lawyer, Samantha Pascall developed an intense curiosity as to the commercial drivers behind her clients' decisions. Her thirst for knowledge led her to enrol in the industry-affiliated UTS Master of Property Development course. Samantha explains: “Initially, my motivation was purely inquiry-based - I wanted to gain a more in-depth understanding of the key risks and drivers of the property industry. I had no idea that it would actually become the most rewarding experience of my career to date.”

Being part of a cohort with employees from large corporations such as Lend Lease, Price Waterhouse Coopers, Savills and Mirvac, Samantha’s ever-growing network of industry contacts has also hugely benefited her professional career.

“I’ve joined a range of industry groups where I’ve made invaluable connections and been given opportunities such as a six-month secondment at Stockland.”
Master of Real Estate Investment

Course code: C04294 CRICOS: 084258A
Duration: 1.5 years full-time or 3 years part-time

Delivery mode:
Up to three intensive teaching blocks during semester, with up to 46 contact hours. Web and email access is critical for all course communication.

Admission requirements:
For the Master of Real Estate Investment: applicants must have completed a UTS recognised bachelor’s degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies in a cognate field (Property or Real Estate, Construction, Engineering, Business, Finance, Commerce or Economics) with at least a credit average or above.

The Master of Real Estate Investment deals with the finance, investment, management, valuation and analysis knowledge required to succeed in the global real estate investment sector. Students will be able to integrate highly sought-after property and finance skillsets and advance their career.

Through this degree you will learn to understand and analyse the many socio-political, economic, financial and environmental factors that drive property investment decisions in a globalised world. You will benefit from our academic staff’s research and significant industry experience. A number of our sessional lecturers have over 30 years’ corporate experience.

The course deals in depth with investment vehicles, capital markets, financial management, and the underlying drivers of property values. Specialised subjects investigate the investment considerations associated with retail, office, and other commercial assets. Real estate economics, portfolios and investment valuation of trusts and funds management are covered in depth in separate subjects.

We have worked closely with leading professionals to ensure that students are able to address existing knowledge gaps within the industry.

Our students are standout professionals, with a strong record in their industry and recognised qualifications. This calibre of students enables unique networking opportunities and rewarding peer-to-peer learning. Most subjects are offered in intensive blocks that accommodate busy work lives, with the exception of three MBA subjects offered in evening sessions.

PROFESSIONAL OUTCOMES
This degree provides the analytical skills for professionals to be promoted more rapidly into decision-making and leadership positions, or gain access to boutique real estate investment firms.
**Master of Real Estate Investment typical course structure**

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**Invest in a booming industry**

**JANE MCPHERSON**

**Master of Real Estate Investment, Development Manager, Shopping Centres Australasia (SCA) Property Group**

Since completing her Bachelor of Business degree majoring in Property, Jane McPherson’s professional career has gone from strength to strength. Gaining valuable graduate experience working for one of Australia’s largest corporations, Woolworths Limited including Dan Murphy’s, Jane was then offered a permanent role in the Property Development team at Bunnings, scouring and securing site locations for new stores.

“When I heard about the UTS Master of Real Estate Investment, I was drawn to the course’s unique focus on the finance, investment, valuation and analysis aspects of the property investment sector – it’s provided me with an opportunity to delve into aspects of the property investment world that I had not been exposed to.”

Taking full advantage of the program’s close links to industry, Jane has particularly enjoyed the networking opportunities presented by having classmates who work in large real estate investment firms like Frasers and Stockland.

“It’s been so beneficial to be able to discuss ideas and trends with students from different backgrounds to mine. It’s given me a broader level of thinking when making decisions in my role and the potential impacts or benefits this may have on other departments.

“I’ve also thoroughly enjoyed the encouragement and enthusiasm of all of the lecturers and teaching staff, especially the well-respected ‘industry lecturers’ who are able to provide a practical layer of knowledge to the course objectives and learnings.”
Dual-Discipline Degrees

Three combined degree courses that reflect the broad skillset required of professionals in the property development and allied industries:

- Master of Property Development and Planning
- Master of Property Development and Project Management
- Master of Property Development and Investment

By completing a dual-discipline degree, students will gain access to a broader understanding of these industries to help stimulate innovative multidisciplinary approaches to complex urban problems. The curriculums combine areas of study that are related in the professional world – for instance, planning skills are closely related to successful property development, and many project managers work in the property development sector.

Graduates will gain many benefits from the combinations of skills and knowledge offered in these new degrees. For example, managing complex projects can be improved by both a sound understanding of environmental laws, and of how the medium-term investment value of a project may be affected by changing legal requirements.

Students in all three degrees will be eligible for professional accreditation by the Royal Institute of Chartered Surveyors,* and Australian Property Institute,* Students in the Master of Property Development and Planning may be eligible for professional accreditation by the Planning Institute of Australia subject to confirmation. Students in the Master of Property Development and Project Management may be eligible for accreditation by the Project Management Institute.

* Based on all Master of Property Development students being eligible for accreditation by these two entities.

Master of Property Development and Planning

The Master of Property Development and Planning combines the 13 core subjects required of both existing Master’s degrees, plus three electives.

Key Information

Course code: C04316
Duration: 2 years full-time or four years part-time

Delivery mode:
Up to three intensive teaching blocks during semester, with up to 46 contact hours per subject. Web and email access is critical for all course communication.

Admission requirements:
A recognised Bachelor’s degree or completion of UTS Graduate Diploma or Certificate in Property and Planning at credit level.

Master of Property Development and Project Management

The Master of Property Development and Project Management would require a combined 12 core subjects plus four electives.

Key Information

Course code: C04317
Duration: 2 years full-time or four years part-time

Delivery mode:
Up to three intensive teaching blocks during semester, with up to 46 contact hours per subject. Web and email access is critical for all course communication.

Admission requirements:
A recognised Bachelor’s degree or completion of UTS Graduate Diploma or Certificate in Property and Planning at credit level.
Up-and-coming property professionals need cross-sector expertise and multiple analytical abilities as they train for jobs that don’t yet exist, says UTS head of the School of Built Environment, Professor Heather MacDonald.

While there can be no doubt the property and construction industry will continue to grow, MacDonald says it’s impossible to predict what the workforce will look like in a decade’s time.

“Our challenge is to prepare people by ensuring they have multiple analytic abilities that can be applied across a range of disciplines. The key is flexibility as we educate people for jobs that don’t yet exist,” she says.

The UTS School of Built Environment has a reputation for creating some of the most progressive, future-focused thinkers and leaders in the construction, property, planning and related industries.

The school has recently introduced three new postgraduate masters degrees that bring together property development with planning, investment or project management.

“Over the last few years, we saw that students with the most job opportunities were those who combined a few different areas of expertise. They were seen as more flexible employees – so we’ve developed specific courses to support this,” MacDonald explains.

The school’s first round of students has just finished their introductory semester, and MacDonald says the feedback so far has been “extremely positive”.

The model draws on that found in the United States, where degrees are adaptable and students “can mix and match their subjects.” MacDonald says.

Excerpts from an article originally published in the Property Council of Australia’s Property Week newsletter in August 2016. Published with permission.

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Master of Property Development and Investment

The Master of Property Development and Investment requires completion of 15 core subjects plus one elective.

**Key Information**
- **Course code:** C04315
- **Duration:** 2 years full-time or four years part-time
- **Delivery mode:**
  - Mixed modes of up to three intensive teaching blocks during semester, with up to 46 contact hours. Web and email access is critical for all course communication.
- **Admission requirements:**

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Photo: Floriane Vita
### Master of Property Development and Planning course structure

#### Minor Project and Elective

A typical program is shown below

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<thead>
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<th>Autumn session</th>
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<th>Spring session</th>
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<td>Spatial Analysis in Planning and Property</td>
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Select 6 credit points from the elective list

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### Master of Property Development and Planning course structure

#### Major Project

A typical program is shown below

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<th>Year 1</th>
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Select 6 credit points from the elective list

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# Master of Property Development and Project Management Course Structure

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**Autumn session**
- Property Development Process
- Development Feasibility and Modelling
- Sustainable Urban Development
- Planning and Environmental Law

**Spring session**
- Property Development Finance
- Property Transactions
- Group Project A: Urban Renewal
- Property Market and Risk Analysis

# Master of Property Development and Investment Course Structure

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**Year 1**

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**Autumn session**
- Property Development Process
- Financial Management
- Property Transactions
- Development Feasibility and Modelling

**Spring session**
- Capital Markets
- Planning and Environmental Law
- Investment Property Valuation
- Strategic Asset Management

# Year 2

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**Autumn session**
- Sustainable Urban Development
- Property Market and Risk Analysis
- Options (PG Real Estate Investment)

**Spring session**
- Investment Management
- Real Estate Economics
- Real Estate Equities
- Investment Asset Allocation
Research Degrees

**KEY INFORMATION**

**Doctor of Philosophy**
- Course code: C02001
- Duration: 4 years full-time
  8 years part-time
- CRICOS Code: 032316D

**Master of Built Environment (Research)**
- Course code: C03002
- Duration: 2 years full-time
  4 years part-time
- CRICOS Code: 008674D

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**A masters by research or PhD at the Faculty of Design, Architecture and Building can be the best way to deepen your knowledge of a specialised research area, pursue an academic career, or build a competitive advantage in the property and construction industries.**

Our research students work under the supervision of world-leading researchers, many of whom have had substantial posts and experience overseas. As a result, many of our students have been able to work and study internationally, in structured settings.

Through research, we educate professionals who construct, plan, manage, and value sustainable and adaptive cities. Research at the UTS School of the Built Environment through the Faculty’s research centres is focused on:

- Economically, socially, and environmentally sustainable urban redevelopment and infrastructure investment
- Project complexity and change in the knowledge economy
- Digital technologies and design team management
- Property rights, land taxation, urban governance, and equity considerations in planning and development

We have recognised opinion leaders in building information modelling, sustainable development, affordable housing, and construction systems. To develop these and other topic areas, UTS School of the Built Environment has established research groups active at applied, consultancy and theory-based research levels, including:

- The Built Environment Informatics and Innovation Centre
- Applied Research in the Built Environment

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Photo: Anna Zhu
DR JULIE JUPP
UTS School of Built Environment
Research Supervisor

“My expertise is in computer integrated construction and I’m currently collaborating with industry partner, Hansen Yuncken on developing and testing new adaptive process-driven approaches to information management throughout the construction project lifecycle.

I appreciate all types of research collaboration and my approach is to provide the right balance of technical and moral support when needed, while also deliberately holding back and allowing students to develop their own theories and academic identities.”

Meet our supervisors by visiting uts.edu.au/built-environment-supervisors

A unique perspective on China’s urbanisation
YIMING (MIKE) WANG

In the fourth year of his candidature, Yiming’s thesis focuses on the rapid urbanisation taking place in China today.

Despite private sector and commercial investment playing an increasingly important role, China is not necessarily evolving its property rights system to coincide with the speed of this change.

“The transformation of Chinese cities is qualitatively different from much of the urbanisation taking place around the world, in part because of the complex governance issues relating to pseudo-public spaces,” he explains.

His research area of urban political economy centres on the emerging boom of these spaces, which are under the control of private or quasi-public power but remain open for public use.

“I’m especially interested in the impact pseudo-public spaces have on daily urban life and the implications for the economy, society, and environment. As well as how we can mediate between private property rights and public meanings of urban space.”

Yiming’s research outputs have been published or accepted by highly ranked Chinese and international journals. He is due to present part of his research findings at the 2017 International Conference on China Urban Development.

“I chose UTS DAB as a research faculty because of its reputation in providing high quality research supervision and the high level of expertise in the field of political economy and urban development – my supervisors have been so generous with their time and knowledge.”

“I also feel really supported and encouraged by the strong learning atmosphere with colleagues from different backgrounds who are always willing to share their inspiring views on my research.”

Yiming is supported by a joint UTS China Scholarship Council for international students. Supervisors: Dr. Franklin Obeng-Odoom and Dr. Janet Xin Ge.

Nanping Wanda Plaza – a pseudo-public space in Chongqing. Photo: Yiming (Mike) Wang
How to Apply & Fees

THE ACADEMIC YEAR
There are three teaching sessions at UTS:
- Autumn Session: March to June
- Spring Session: July to October
- Summer Session: November to February
While not all subjects offered by UTS are currently run during Summer session, make sure you check out which ones are - it’s a great way to get ahead or to reduce your study load during Autumn and Spring Sessions.

APPLICATION CLOSING DATES
If you want to start studying at UTS in either the Autumn or Spring sessions, you need to apply by:
- Autumn session: 31 January 2020
- Spring session: 28 June 2020

LOCAL APPLICANTS: COURSEWORK
In a postgraduate by coursework degree you’ll attend tutorials and lectures, and do assessments, like writing essays and exams. Submit your application for a postgraduate by coursework degree online:
- through the UTS Online Application system at uts.edu.au/pg-admissions, or
- at one of our Postgraduate Expos or postgraduate information sessions. Find out everything you need to know about upcoming information sessions at uts.edu.au/dab-events

LOCAL APPLICANTS: RESEARCH
A postgraduate by research degree will see you undertake and complete a research project. Before you submit your application though, you’ll need to consider what you want to research, write a research proposal and find a supervisor. When you’ve done that, send your application to the UTS Graduate Research School.
Visit uts.ac/apply-for-research or email grs@uts.edu.au to find out more about the application process and to apply.

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

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

ENGLISH LANGUAGE PROFICIENCY
There are English language proficiency requirements for all courses. These requirements may apply to you, even if you are not an international student.
Visit uts.edu.au/english-language-requirements to find out more.

OFFERS
UTS will begin making postgraduate offers for 2020 from 18 September 2019.

FEES
If you’re studying a postgraduate by coursework degree, you’ll need to pay tuition fees. You can find out more about what your degree will cost at uts.edu.au/ tuition-fee-calculator
For postgraduate by research degrees, you will need to either pay a fee or, if you’re eligible for the Research Training Program, the Australian Government will cover the cost for you. To find out more visit uts.edu.au/domestic-hd-fees
If you do have to pay a fee and you’re a local student, you may be eligible for FEE-HELP, an Australian Government loan scheme. Using FEE-HELP means you don’t have to pay for your tuition fees up front. More information can be found at uts.edu.au/government-help-schemes
You can choose to repay your FEE-HELP loan simply by notifying your employer who will then withhold your payments through the PAYG tax system. You can also make payments directly to the Australian Taxation Office (ATO).

TIMETABLE INFORMATION
Do you like to plan ahead? Then check out the UTS Timetable Planner. The online tool lets you see the timetable for the current session, so you can get an idea about when the subjects for your degree may be scheduled and offered. The 2020 timetable will be published in mid-October 2019. Visit mytimetable.uts.edu.au
We collaborate with influential businesses across town and beyond our borders, which means so will you.

Disclaimer: Courses and electives are offered subject to numbers. The information in this brochure is provided for Australian and New Zealand Citizens and Australian Permanent Residents. If you are an international student, please consult the International Course Guide available from UTS International. Information is correct at time of printing (July 2019) and is subject to change without notice. Changes in circumstances after this date may alter the accuracy or currency of the information. UTS reserves the right to alter any matter described in this brochure without notice. Readers are responsible for verifying information that pertains to them by contacting the university.

Images: Toby Burrows, Anna Zhu
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DAB Postgraduate Information Evening
See upcoming information evenings at uts.edu.au/built-pg-info-eve