



# Over the counter





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## Acknowledgment of Country

University of Technology Sydney (UTS) acknowledges the Gadigal people of the Eora Nation, the Boorooberongal people of the Dharug Nation, the Bidiagal people and the Gamaygal people, upon whose ancestral lands our university stands. 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.

## Connect with us

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

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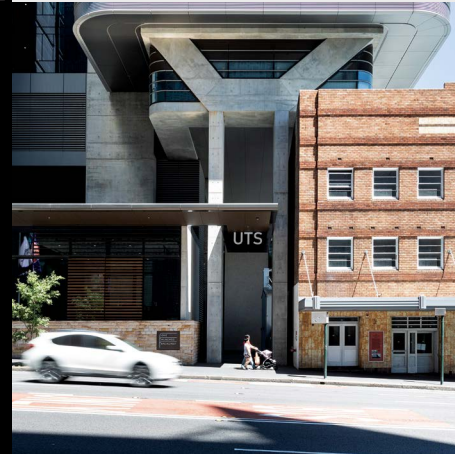
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WELCOME

# Transforming the health & wellbeing of others

At the UTS School of Pharmacy, our goal is to inspire and prepare you for a rewarding career supporting the health and wellbeing of others in the community. We hope that our students not only have a positive impact on the individuals they help, but also make a difference by being innovators and leaders in health.

PROFESSOR KYLIE WILLIAMS HEAD OF DISCIPLINE PHARMACY



“

**By joining the School of Pharmacy, you will experience the best of clinical and research training in the most supportive and professional environment.**

”

As a relatively new course area, our Master of Pharmacy program reflects the latest research and clinical practice. Our program has been developed in collaboration with industry, and our educators are clinical and research leaders in their fields.

Team-based learning, simulated environments and interdisciplinary workshops are used to help students apply the theory they learn and build their considerable skill set. A range of electives give students the choice to specialise or diversify their skills to best suit their career needs. During their degree, Master of Pharmacy students will also learn alongside students from a range of allied health professions within the Graduate School of Health, including physiotherapy, orthoptics, speech therapy, genetic counselling and clinical psychology.

Our research students are supported by leading academics and encouraged to present their work and engage with a range of peers and mentors to undertake their projects.



Our state-of-the-art teaching and research facilities at One Hundred Broadway feature purpose-built wet and dry laboratories and incorporate simulated healthcare environments and virtual reality technologies to enhance students' learning experiences. Extensive clinical placements, including global placements, are facilitated by the School to ensure our students graduate with the confidence and ability to make an impact in the field.

Our strong links with Indigenous Health ensures that Indigenous content is woven through our Program to facilitate our students' cultural capabilities and help create better health outcomes for everyone.

By joining the School of Pharmacy, you will experience the best of clinical and research training in the most supportive and professional environment.

**Come and join us.**

*Kylie*

# 5 reasons to study Pharmacy at UTS

1

**Take advantage of our professional connections** – as a preferred partner of industry, we are well connected and have an excellent reputation for nurturing graduates and researchers to be innovative thinkers.



2

**Practical, hands-on learning** – build confidence through in-class simulations, plus experience the diversity of roles in pharmacy through 500+ hours of external clinical placements in community, industry and hospital settings across Australia.



3

**Future-focused content** – we have created an agile curriculum that reflects current and future areas of demand in pharmacy.



4

**Immerse your learning in world-class facilities** – from collaborative classrooms to world-class science labs and practice simulation spaces.



5

**Supportive academic team** – the small cohort means you will have more one-on-one time with our first-class academics and mentors who have created a supportive and friendly learning atmosphere.



**Find out more about the application process at** [uts.edu.au/pharmacy-apply](https://uts.edu.au/pharmacy-apply)



# Course outline

**Duration** 2 years full-time

**Course code** C04252

**Course structure** 120 credit points  
= 108 credit points of core subjects  
+ 12 credit points of electives



## Professional registration

You will graduate work-ready and eligible for registration as an intern pharmacist in Australia.

Our courses are accredited by the Australian Pharmacy Council and the Pharmacy Board of Australia as a qualification that leads to pharmacist registration.

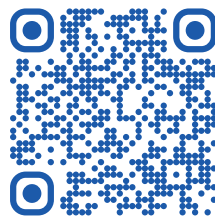
**500+ hours**  
of clinical placements



## Required background

An undergraduate degree or equivalent or higher qualification

**Pre-requisites** are 1 pharmacology subject, 2 chemistry subjects, 1 biochemistry subject, 1 human physiology subject, 1 mathematics or statistics subject



**For detailed subject, admission and prerequisite information visit the QR code**

# Immersive global placement



Daniel Barnaby in Berlin. He completed a one-year placement in the offices of pharmaceutical company Bayer AG.

**Ever wanted to study overseas?**

**The Master of Pharmacy (International) is the only course of its kind in Australia, offered to top students. It encompasses the Master of Pharmacy with an additional year spent overseas on a year-long placement and is open to both domestic and international students.**



**For more information visit the QR code**

## Duration

3 years full-time, including 1 year international placement

## Course code

C04395

## Course structure

156 credit points = 108 credit points of core subjects  
+ 36 credit points of international placement  
+ 12 credit points of electives

UTSPA

# UTS Pharmacy Association

Would you like to be part of the wider pharmacy student community? Get involved in this vibrant, student-run organisation that provides education, social and networking events for its members as well as access to professional development resources, mentoring programs and study sessions.



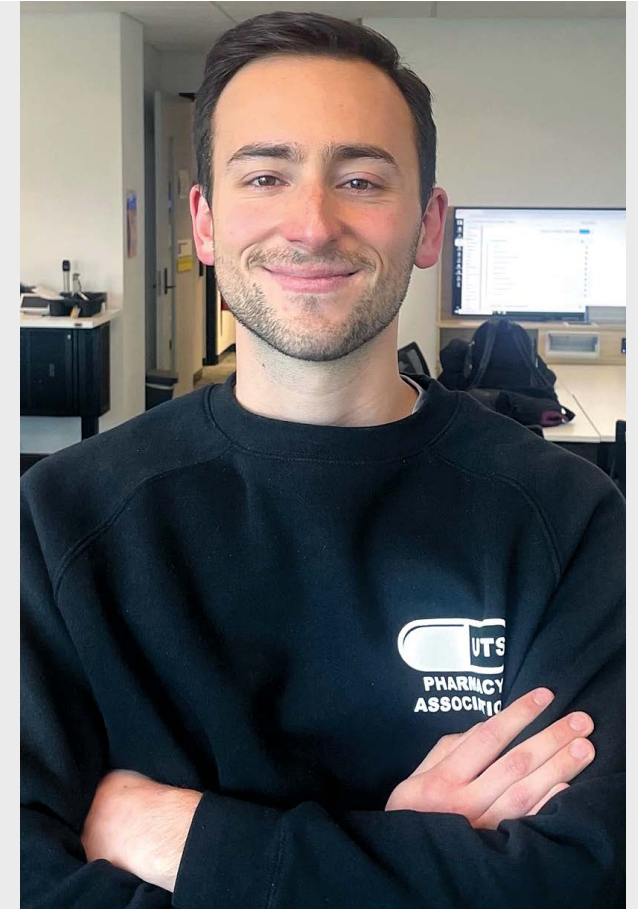
Find out more at [activateuts.com.au/clubs/pharmacy-association-utspa/](https://activateuts.com.au/clubs/pharmacy-association-utspa/)



“Studying pharmacy at UTS has been an invaluable experience. Teaching staff are incredibly knowledgeable and friendly, and I have made many friendships along the way that will continue into my professional practice. The Master of Pharmacy program is an intensive but incredibly rewarding course on the cutting edge of pharmacy practice in Australia and I am very glad to have been a part of it!”

“As President of the UTS Pharmacy Association, I have had the privilege of organising student events and facilitating a friendly and inclusive environment. I have also been able to develop interpersonal and organisational skills as well as relationships that can be carried forward into my career. I’m looking forward to finalising planning for the Annual UTSPA Pharmacy Ball at the end of semester this year!”

UTSPA PRESIDENT, JACOB CORDINA



# A student's perspective

Ayeh Bani Saeid wants to pursue pharmaceutical research and development or even a PhD after she completes the Master of Pharmacy program at UTS.



“

What I really enjoy about studying Master of Pharmacy at UTS is their dedicated teaching staff and also the range of subjects that they offer.

AYEH BANI SAEID

”



Learn more about Pharmacy at UTS by visiting the QR code

# A teacher's perspective

Dr Rachele Catanzariti is a senior lecturer within the School of Pharmacy at UTS. She says students are drawn to the Master of Pharmacy program for the extensive placement program, simulated workshop learning and close connections with the teaching staff.



“

Our students do over 500 hours of placement in different environments. It could be community pharmacy, hospital, industry. A lot of our workshops are case-based studies. So it's thinking about real world applicability in the classroom environment. Our Pharmacy team is fairly small, so it means we get to know our students really well and we can also then offer a really tailored experience for our student's learning.

DR RACHELLE CATANZARITI

”



## Q & A

# Insights from an international student

Joyce Shou is studying the Master of Pharmacy program at UTS.

### Why did you choose to study Master of Pharmacy at UTS in Sydney?

I had been practising as a community pharmacist in my home city of Hong Kong since graduating in 2015. I came to Sydney last year with the goal to register here and eventually practice pharmacy here in Australia. I'm a city girl and Sydney really appealed to me as a place to live and study.

There are a few reasons I chose UTS and Sydney. The Master of Pharmacy program at UTS really appealed to me because of the practical clinical placements that are offered from year one. As a practising community pharmacist, I am used to learning 'on the job' and I prefer more practical study rather than just theory-based learning.

Another reason why I chose UTS was for the choice of electives offered in the second year of the program. Students can choose from subjects in hospital pharmacy, public health, research and business, based on their interest. Students have the opportunity to try a bit of everything. I thought this was really unique and different from a lot of the other pharmacy programs offered in Australia.

As an international student, I have liked that the program is flexible and has allowed and encouraged me to meet other pharmacy students within and outside UTS. Speaking with other students has allowed me to build my networks and confidence as a pharmacist and new resident.



### What are you enjoying most about your experience at UTS so far?

I am enjoying the chance to meet students from different disciplines across the university. The Graduate School of Health at UTS, which Pharmacy is a part of, offers other programs like physiotherapy, orthoptics, speech pathology, genetic counselling and clinical psychology. As part of the clinical workshops, we sometimes have the opportunity to sit around the table and learn together. It's been interesting to hear the perspectives from different disciplines and we have learnt a lot from each other.

### What advice would you give someone who wants to study pharmacy at UTS?

I'd encourage anyone who wants to come and study pharmacy at UTS to give it a go and experience as much as you can. While it might seem overwhelming at first – new city, different healthcare system, new networks – UTS has a lot of good support systems in place to help international students settle in and enjoy their experience.

Make the most of your course, but don't just focus on study. Fully immerse yourself in this fantastic city and new life and explore as much as you can with your new friends. Everyone feels homesick at times but find your place in the city that makes you feel at home. I love heading down to Darling Harbour and taking in the harbour views – it reminds me of Hong Kong and my family.

I'd also encourage any new student to join one of the orientation sessions offered at UTS. The sessions are a great chance to meet students from all over the world. I've made some wonderful friends who I am still in touch with today. ■



Joyce Shou with her placement preceptor Maria Pearce, a graduate from the Master of Good Manufacturing Practice (GMP), and current Master of Pharmacy student Haya Allaf.



Students have the opportunity to try a bit of everything. I thought this was really unique and different from a lot of the other pharmacy programs offered in Australia.



For more information visit [uts.edu.au/study/international](https://uts.edu.au/study/international)

UTSInternationalstudents

utsint

Watch more interviews with our international students here





CAREER OPPORTUNITIES

# Where will you work?

The role of a pharmacist varies across many different career options.

You can work in a community pharmacy and provide professional services including vaccinations, diabetes screening and use your medication expertise to help patients get the most out of their medications through ongoing education and support.

Pharmacists are also employed across hospitals and nursing homes, in consulting roles, within industry or as part of interdisciplinary care teams within a GP practice, or even in the military.



Research



Hospital



Rural

Community pharmacy



Interdisciplinary care teams



# A day-in-the-life of a hospital pharmacist

## A clinical pharmacist has a number of key priorities:

- Managing patient discharges to ensure patients have supply of new and changed medications and know how to use them.
- Taking medication histories to ensure patients are on all the medications they are usually on or otherwise reconciled.
- Urgent medication supply.
- Patient clinical reviews.

Where possible, a clinical pharmacist will attend the ward round with the medical team, which allows them to proactively provide medication-related advice and plan for patient discharges.

Hospital pharmacists also have committee involvement, such as medication safety and clinical governance. They also need to consult on policy and guideline updates for anything involving medications.

# Where are they now?



## A check in with our Alumni

CAREER SNAPSHOTS

## CAREER SNAPSHOT

# With Vaibhavi (Vai) Mehta

**Vaibhavi (Vai) Mehta always had her sights set on business ownership, so she knew that community pharmacy was the best direction for her.**

“I knew I wanted to work for myself, so after a few years of practising in community pharmacy, I purchased my own pharmacy in Dee Why,” she said.

Vai is a UTS alumni from the 2013 Master of Pharmacy program and says the clinical placements offered from year one of the program helped set her up for success.

“Students are given four hours every week to complete industry placements in a hospital or community setting, or both,” she said.

“These placements are such a great opportunity to meet people in the industry and network; and to see in real time how pharmacies operate, while also building practical skills for the future.”

Vai certainly made the most of her placements through UTS, securing her first paid community pharmacy job through an industry placement she did during her studies.

“The pharmacy student from the community pharmacy where I was doing my placement wanted to relieve her Sunday shift, so I jumped on board and took her regular shift,” she said.

“This was a great opportunity to work independently and learn on the job, while also learning from the

pharmacists who had been working in the industry for a long time.”

Vai says it’s the continuity of care that really appeals to her about community pharmacy.

“Throughout my career, I have seen patients navigate various realms of care while critical changes are being made to their medications. As their community pharmacist, I feel like we are very well connected to the different providers and so are able to communicate all changes to the health care teams involved; and this is very rewarding for me,” she said.

“I love getting to know the people in my community and being able to support someone to understand all their different medications and manage their health and wellbeing.

“You can take your pharmacy career as far as you like and extend your practice by doing home medication reviews or GP liaison, for example.

“Just dive right in and experience as much as you can. It’s what you make of it!”

Vai now runs two successful community pharmacies with her husband (also a pharmacist) in Dee Why and Mosman. ■



“

**I love getting to know the people in my community and being able to support someone to understand all their different medications and manage their health and wellbeing.**

”





CAREER SNAPSHOT

# With Georgia Lloyd

“The UTS Master program really sets students up for success.”



## Georgia Lloyd, Lead Pharmacist - Workforce Development, the Sydney Children's Hospitals Network

Georgia Lloyd has been working as a hospital pharmacist since graduating with a Master of Pharmacy from UTS in 2014.

She says she loves the variety of opportunities that hospital pharmacy offers.

“After completing my pharmacy residency program, I worked in the emergency department and general medicine,” she said.

“I’ve completed project roles to implement new models of care such as Partnered Pharmacist Medication Charting and worked in workforce development and education where I’ve trained students, interns and junior pharmacists.

“I’ve also undertaken quality improvement projects and rolled out pharmacist credentialing programs in clinical trials around Australia.

“As a hospital pharmacist, I love the integration with the multidisciplinary team and the ability to be directly involved in patient care.”

Georgia is currently working as the Lead Pharmacist – Workforce Development at the Sydney Children's Hospitals Network. She is passionate about supporting hospital pharmacists to work to their full scope of practice.

“Pharmacists are an essential part of the clinical team and can add a lot of value when given the right training, resources and opportunities,” she said.

“The UTS Master program really sets students up for success, with practice-based learning with tutors who are practising hospital pharmacists and industry placements from year one.

“During my time at UTS, I also really enjoyed the research elective in my final year. My research project investigated the status and hospital pharmacist perspectives of Key Performance Indicators and was supported by Directors of Pharmacy.

“My UTS research supervisor helped me to publish this research as two publications and this was a really satisfying experience.”

Georgia says that even after nine years of working in hospital pharmacy, she's still developing new skills and knowledge every day.

“I've loved learning about paediatric pharmacy in my current role at the Sydney Children's Hospitals Network,” she said.

“It's another really exciting area of pharmacy practice that requires good pharmacokinetic knowledge and an ability to navigate grey areas.

“I'm really looking forward to learning about new drugs in paediatrics such as gene therapy and new monoclonal antibodies.”

And any advice for anyone thinking of embarking on their own Master of Pharmacy journey at UTS?

“Take really good notes in a format you can continue to use when you start practicing! I wish I'd had a laptop to take notes with during my time at university.” ■



## RESEARCH

# Is pharmaceutical research for you?

The Master of Pharmacy program offers three main research streams:

Pharmaceutics

Epidemiology/  
real-world data

Pharmacy  
practice

Higher Degree Research (HDR) students at UTS have many opportunities to share their research and engage with peers. Activities such as the three-minute thesis, Faculty of Health HDR Student Forum, HDR Journal Club, Graduate School of Health seminar program and other presentation opportunities are available. Students are also supported to attend conferences.



Research is important for advancing practice and my participation as a UTS research student and practice change facilitator has been an exciting undertaking in my career.

UTS fosters a supportive environment providing access to resources and expert supervision. I have mentors and supervisors who are actively engaged in the field of pharmacy practice research. In addition, UTS provides a vibrant research community where we as students can engage with peers and colleagues through workshops, courses, seminars, conferences, and research groups.

Being able to apply research findings in a practical pharmacy setting, has been particularly rewarding.

My role as a practice change facilitator involves supporting community pharmacists to implement the services as part of an important state-wide cohort study centred around expanding the scope of the pharmacist. This role involves facilitating and educating pharmacists who are delivering the innovation and has enabled me to closely engage with the research design.

Overall, as a PhD student and practice change facilitator, I have been challenged to think critically, adapt my understanding of concepts, develop an understanding of academic rigor and appreciate the practical application of research findings.

The opportunity to participate in research at UTS has offered a unique experience as a clinician, student and future researcher.



**VICTORIA CHISARI, PHD STUDENT IN PHARMACY PRACTICE AT UTS FOCUSING ON THE ORAL CONTRACEPTIVE ASPECT OF THE NSW PHARMACY TRIAL AND PRACTICE CHANGE FACILITATOR FOR PHARMACY TRIAL IN GREATER SYDNEY**





MEET THE EXPERT

# Exploring pharmacy practice research

with Dr Noelia Amador Fernandez  
Lecturer, Graduate School of Health, UTS



**For Dr Noelia Amador Fernandez, seeing the profound impact pharmacists have on patient health outcomes and medical advancement is a big reason the experienced pharmacy practice researcher keeps coming back.**

“Community pharmacists often serve as the first point of contact for patients within the healthcare system, managing and triaging their needs while promoting the quality use of medicines,” she said.

“This direct patient interaction allows us to witness, firsthand, the difference our research makes to their quality of life. Engaging in health promotion and preventive care initiatives not only improves patient outcomes but also enhances the overall efficiency of the healthcare system.”

Starting her career in community pharmacy in Spain and the United Kingdom, Dr Amador Fernandez soon transitioned to the role of practice change facilitator, supporting community pharmacy practitioners to incorporate and implement evidence-based medication reviews into their practice. It was this experience that sparked her interest in research.

“This role was particularly inspiring, as it allowed me to engage in research for the first time and contribute to scientific knowledge. It also provided a valuable opportunity to help colleagues enhance patient care.”



Since then, Dr Amador Fernandez's research has focused on evaluating and implementing professional services in community pharmacy. During her PhD, Dr Amador Fernandez evaluated co-designed protocols with general medical practitioners for pharmacists to manage minor ailments in community pharmacy, like headaches, coughs, colds and moderate pain.

"The published, co-designed protocols have since been implemented nationwide in Spain and, following my PhD submission, the project has been extended to a two-year national implementation study funded by professional organisations. These protocols are also being used in various universities across Spain to educate undergraduate pharmacists."

This research continued during her postdoctoral position in Switzerland at the Centre for Primary Care and Public Health (Unisante) based in Lausanne.

"As part of a research team, I was involved in two studies – one evaluating a medication review service to assist patients in managing their medications at home, and another assessing a pharmacy prescribing service that allowed pharmacists to recommend medications for acute respiratory diseases, migraines, and other conditions," she said.

"I'm currently working as one of the Chief Investigators on the NSW Pharmacy Trial, looking at implementing a program of new services that extends the scope of practice for community pharmacists in NSW.

"These trials are part of the State Government policy of increasing access to primary care through community pharmacy and involves community pharmacists treating uncomplicated urinary tract infections, continuing supply of the oral contraceptive pill, and treating four skin conditions."

“

**It is rewarding to know that my work not only benefits individual patients but also helps shape future pharmacy practices.**

”

This research is already proving to have a huge impact on improving patient care and advancing the profession.

"After the NSW Pharmacy Trial for the management of urinary tract infections concluded in May 2024, patients in NSW are now able to receive management and treatment (including antibiotics) for urinary tract infections from their community pharmacist."

So, is it the best job around?

"Being a researcher offers a unique opportunity to contribute to the advancement of the pharmacy profession. This continuous improvement and the ability to share findings with the broader healthcare community is incredibly fulfilling," she said.

"It is rewarding to know that my work not only benefits individual patients but also helps shape future pharmacy practices.

"Ultimately, the blend of patient care and professional advancement makes being a pharmacy practice researcher both a challenging and highly gratifying career." ■

# Alumni Advantage

Already completed a degree at UTS?  
The Alumni Advantage program offers a 10% saving on full fee-paying degree programs such as the UTS Master of Pharmacy degree.



**Find out if you're eligible at [alumni.uts.edu.au/advantage](https://alumni.uts.edu.au/advantage)**

RESEARCH

# A PhD candidate's perspective

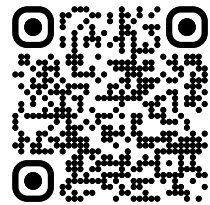
Victoria Chisari completed a Master of Pharmacy with the Graduate School of Health at UTS and is a current PhD candidate. She says UTS creates graduates who are ready to step right into the industry.

“

Through my hospital placements I felt ready to be able to integrate well with the pharmacists within that team and I knew what I was expected to achieve during those placements in the way I was supposed to perform as a student and representative of UTS and also myself.

VICTORIA CHISARI

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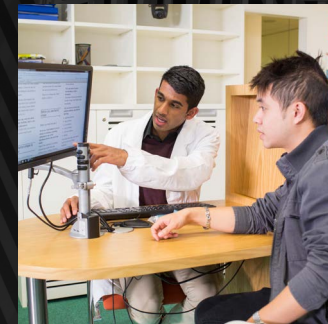


Hear more about Victoria's experience by visiting the QR code

DISCOVER  
PHARMACY AT UTS



Innovative  
Vibrant



Collaborative

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