

UTS
GRADUATE SCHOOL
OF HEALTH

GRADUATE ENTRY & POSTGRADUATE COURSES 2016

gsh.uts.edu.au

INNOVATIVE APPROACH



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The UTS Graduate School of Health (GSH) takes a practice-based approach to education, delivering postgraduate degrees in four areas: pharmacy, orthoptics, health policy and clinical psychology. We are focused on creating work-ready students by helping them develop and apply their theoretical knowledge, research capabilities and clinical skills in a range of healthcare environments.

Australia is facing a period of reinvention across the healthcare sector due to an ageing population and an increased demand for improved health management. Tomorrow's graduates will need to be able to deliver high quality, timely and effective professional services to a population with complex healthcare needs.

As a School, we pride ourselves on delivering courses that respond to contemporary and future healthcare matters, and on producing graduates who are equipped with the ability to face complexity, lead with confidence and manage the multi-faceted challenges facing the future of the health professions.

INNOVATIVE – PRACTICE BASED – CAREER FOCUSED

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THE UTS DIFFERENCE

Graduate-entry masters

Graduate-entry masters (GEM) courses enable students who have completed an undergraduate degree choose a specialty when they are better informed about their future health career options. GEM courses provide a pathway to professional recognition or registration as a health care practitioner in Australia.

Innovation in education

UTS GSH is committed to a student-centred approach that has been specifically designed to produce career-ready graduates.

We have had the unique advantage of designing each course using the latest teaching methods. Experienced academics, key professional partners and our educational designer have worked together to create masters degrees using best practice at each stage of development.

Career ready graduates

Our courses connect theory and practice through extensive clinical placements, problem-based learning, realistic simulated environments and interdisciplinary workshops. Students are treated as health professionals from the moment they start their degree, encouraged to engage with a range of peers and mentors as they undertake their studies.

Industry connections

GSH works closely with a range of industry partners to ensure our degrees and research proactively address the dynamic needs of the healthcare sector. Our professional networks covering each discipline offer unparalleled opportunities for students to engage with the professions, at the early stages of their degrees.



*Times Higher Education 100 Under 50 rankings, 2015

Internationally renowned academics

Our academics are renowned researchers and experienced registered professionals whose work continues to shape current and future healthcare policy and practice. Their expertise provides exciting opportunities for students to be exposed to ground-breaking research. Our research has a strong emphasis on practice development, collaboration and real-world outcomes to improve health care and quality of life in Australian and global communities.

State-of-the-art facilities

GSH is housed in the new 6-Star Green rated Thomas St Building, in the heart of UTS' Sydney City campus. You will study in purpose-built collaborative learning spaces, wet and dry labs, simulated environments and public-facing clinics (orthoptics and clinical psychology). The state-of-the-art facilities have all been designed to enhance the student experience and enable integrated, practice-based learning.

KNOWN FOR OUR PRACTICE-BASED ETHOS AND WORK-READY GRADUATES, WE PRIDE OURSELVES ON BEING RANKED AUSTRALIA'S #1 YOUNG UNI IN THE 2015 TIMES HIGHER EDUCATION "TOP 50 UNDER 50".

INNOVATIVE, PRACTICE-BASED LEARNING

GSH closes the gap between theory and practice with a unique approach to educational design. Everything we teach is practice-based, research-led and globally oriented. This means that in every learning activity, you'll understand how the learning relates to your future professional practice; the evidence as to why it's done this way, and how it's situated in a global context.

Integrated subject matter

Education research supported by our academic experience demonstrates that effective learning occurs when students are active learners and are faced with an integrated curriculum. We have undergone extensive development to ensure our curricula incorporate content from practical, therapeutic and theoretical perspectives- something not found in most other universities.

For example, in Week 4, Semester 2 of the Master of Pharmacy, students undertake:

- > A lecture on the pathophysiology of the cardiovascular system and relevant medication
- > A problem based workshop looking at a real-life stroke case
- > Professional services classes dealing with practical ways to help patients manage these conditions
- > A related external clinical placement task.



UTS MODEL OF LEARNING

- > Delivers practice-oriented, global and research-inspired learning
- > Combines digital and face-to-face learning opportunities and resources
- > Links theoretical knowledge to practical application
- > Encourages collaborative, enquiry-based on-campus learning activities, including guest lectures, research labs and studios
- > Emphasises the importance of real-world practical experience, such as clinical placements and community projects
- > Produces work-ready graduates
- > Encourages international mobility and engagement
- > Employs cutting-edge technology
- > Stimulates life-long learning.



Jim Woulfe
Educational Designer

"My role as educational designer is to ensure the School delivers excellence and innovation in learning. Graduate School of Health programs are best practice in terms of course delivery and content integration using multimedia and other technology. We've paid particular attention to developing eLearning sites and face-to-face instruction that contribute seamlessly to the student learning process."



WORLD-CLASS FACILITIES

UTS is in the final stages of a \$1 billion campus redevelopment that is transforming the southern end of Sydney's CBD.

In 2015, the Graduate School of Health relocated to a series of new multi-million dollar, purpose-built healthcare education facilities in the UTS Tower and brand-new Thomas St Building.

These new facilities are designed to deliver an immersive educational experience for our students and include:

- > a range of collaborative and problem-based learning spaces
- > new wet and dry labs including NSW's only "superlab"
- > simulated healthcare environments
- > two public-facing clinics
- > exclusive relaxation and social space – the GSH Postgraduate Lounge with kitchen facilities and break out areas.

Specialist facilities

- > Simulated pharmacy dispensary including robotic dispensing machine
- > Simulated counselling spaces
- > Simulated orthoptic practice
- > Public-facing UTS: Psychology clinic
 - > Family/child behaviour sub-clinic
 - > Multidisciplinary back pain sub-clinic
- > Public-facing UTS: Orthoptics paediatrics sub-clinic.

GSH Students apply their knowledge in real-world settings





UTS
UNIVERSITY OF TECHNOLOGY SYDNEY

The new
Thomas St Building

Students use the latest in
contemporary equipment

GEM courses use
problem-based learning

STUDENT EXPERIENCE



Tasia Gian

Course: Master of Orthoptics

"I completed my undergraduate studies in health science majoring in marketing and law and worked for several years at a student services marketing agency.

While I enjoyed working in marketing, I have always had a keen desire to make a positive contribution to the health outcomes of communities. Orthoptics at UTS has been extremely practice-based and the classes consist of a small and supportive cohort.

I am looking forward to an upcoming rural placement in Broken Hill, as my goal is to work in rural Australia to address infectious eye diseases that have been eradicated in urban cities."



Kavan Athari

Course: Master of Pharmacy

"I received an offer from UTS and another university; but I found the program at UTS to be more practical and focused on the current needs of the profession. We have access to the latest advanced equipment such as robotic dispensing machines and become quite experienced in the area of professional services, which is where pharmacy is heading.

Through a clinical placement I now have a lot of relevant industry experience even before graduating. After completing my masters I would like to start my own community pharmacy as well as pursue my PhD at UTS."



Daniel Nguyen

Master of Pharmacy graduate

Registered Pharmacist at
Royal North Shore and Ryde hospitals

"My experience while on clinical placement at the Royal North Shore Hospital was the reason I wanted to become a hospital pharmacist, so it's a real thrill to now be working here as a Registered Pharmacist. Feedback from my application was that I was capable and a critical thinker and the team were confident I could start applying my knowledge straight away."



Anastasia Hronis

Course: Master of Clinical Psychology

"UTS really emphasise the importance of working in a multi-disciplinary team which is important for training purposes, but also enables us to better collaborate with practitioners once we enter the workforce."

The first time we viewed the clinic on campus was very exciting and inspiring. We were able to see where we would be putting our hard work and training into practice.

I am currently doing research with my supervisor Dr Lynette Roberts in the area of intellectual disability and mental health disorders. After completing a PhD I would eventually like to open my own practice, working in a multidisciplinary team to provide the best care to clients."

PARTNER OF THE PROFESSIONS

UTS has a long-standing reputation as a preferred partner of the professions. The School continues this tradition to ensure that our courses and research are professionally relevant and have a positive impact on the future of healthcare in Australia and internationally.

Industry advisory boards

The Graduate School of Health engages industry advisory boards for all its disciplines. Leaders from the respective professions provide high level strategic advice to the School across a range of issues including curricula, research and future direction.

Practitioner teachers and adjunct professors

With the help of its industry partners, GSH engages independent practitioner teachers and adjunct professors from a wide range of specialisations. These currently practicing professionals are a vital part of the school as they provide contemporary, real-world insights to students, ensure courses are relevant and act as a bridge between the university and professional practice.

Hospital clinical joint appointments

UTS GSH has established a network with major Sydney hospitals to further collaboration in the areas of clinically-based teaching and research. In particular, clinicians from The Children's Hospital at Westmead and Royal North Shore Hospital are embedded part time within the discipline of pharmacy in a co-funding arrangement between UTS and Local Health Districts. These clinicians provide valuable input, especially in the form of case-based learning activities in the area of therapeutics and clinical pharmacy services.





John Montgomery

Adjunct Professor

Managing Director at STaDa Pharmaceuticals Australia Pty Ltd

Working with UTS on a part-time basis, John is a recognised pharmaceutical industry leader with a wealth of experience in branded, generic and over-the-counter pharmaceutical business and in the establishment of mentoring programs both in Australia and the United States.

“I’M GLAD TO BE ABLE TO SHARE MY EXPERTISE THROUGH TEACHING AND MENTORSHIP – I WANT TO MAKE SURE GRADUATES HAVE THE OPTION TO PURSUE A CAREER IN INDUSTRY AS WELL AS OTHER AREAS OF PHARMACY”.

MASTER OF CLINICAL PSYCHOLOGY

Overview

The UTS Master of Clinical Psychology is a contemporary, clinically based course that allows candidates to explore their particular area of interest while establishing them firmly in their chosen career path.

Drawing on clinical practice, research evidence, and clinically based coursework, the course provides students with an integrated approach to on-campus learning, on and off-campus clinical placement and research. The course is delivered in new state-of-the-art facilities including the on-campus UTS Psychology Clinic.

It is intended that the Master of Clinical Psychology will provide the fifth and sixth year of study required to register as a psychologist in Australia. Graduates will be eligible, following two years of supervised practice, for endorsement as clinical psychologist with PsyBA and membership of the College of Clinical Psychologists of the Australian Psychological Society and the Australian Clinical Psychology Association (ACPA).

In line with standard accreditation procedures, UTS is undertaking the application process for APAC accreditation and approval by the College of Clinical Psychologists of the Australian Psychological Society. Stage 1 accreditation has been received.

Career opportunities

Explore career opportunities in hospital, health services and specialist and private practice settings in a variety of areas such as: adult mental health, child and family health, drug and alcohol problems, sexual health, oncology and rehabilitation.

Clinical Placements

The first professional placement for all students will be undertaken in the new on-site UTS Psychology Clinic under the supervision of established and endorsed Clinical Psychologists. You will complete over half of your placement hours off-campus, in settings including hospital, specialist and private practices. You can choose a focus area for your final clinical placement and, pending availability, be allocated a placement in this specialty.



Dr John McAloon
Senior Lecturer & Clinical Psychologist

“Regardless of whether a graduate chooses a career path in research, private practice, public health or academia, they will develop within a learning environment characterised by real-world training that focuses on integrating diverse elements of the discipline to inform clinical practice.”

John has extensive clinical experience in private and public capacities. His expertise is in child protection, substance use, and behaviourally-based family intervention as well as the development and delivery of a broad range of clinical programs and services in private and public settings. His interests are strongly oriented to the role of parenting in the development and maintenance of child and adolescent behaviour and emotional wellbeing.



MASTER OF CLINICAL PSYCHOLOGY

UTS Course Code: C04300

UAC Course Code: 940915

For full subject descriptions visit: uts.edu.au/course/c04300

Duration: 2 years full-time

Teaching Mode:

The course is an intensive two year program. Students can expect to be on campus or at clinical placement 5 days per week during semester and may have obligations during semester breaks.

Admission requirements:

Applicant must have completed an accredited four-year bachelor's degree as recognised by UTS, with a minimum Second Class Honours- Division 1.

Entry is competitive and applicants are assessed on their grade point average. Shortlisted applicants will be required to undertake a short interview with a panel.

YEAR 1	AUTUMN (Semester 1)
	96043 Introduction to Clinical Practice Skills
	96044 Child and Adolescent Clinical Psychology
	96045 Adult Clinical Psychology 1
	96049 Assessment Across the Lifespan
YEAR 2	SPRING (Semester 2)
	96047 Clinical Placement 1
	96048 Adult Clinical Psychology 2
	96046 Research Project 1
	96050 Clinical Health Psychology
YEAR 2	AUTUMN (Semester 1)
	96051 Clinical Placement 2
	96052 Clinical Placement 3
	96053 Advanced Clinical Skills 1
	96054 Research Project 2
YEAR 2	SPRING (Semester 2)
	96073 Clinical Placement 4
	96074 Advanced Clinical Skills 2
	96056 Research Project 3



Alice Shires
Clinical Psychologist and
Psychology Clinic Director

Alice has been involved in teaching and supervising cognitive behavioural therapies over the last 20 years. She has developed a keen interest in mindfulness and its integration into cognitive and behavioural therapies, assisted in the development of accredited training in Mindfulness integrated CBT (MiCBT) and continues as an established trainer in MiCBT.

Alice is involved in the teaching, training and supervision of clinical psychologists and their field supervisors. She is involved in research on the process of supervision and assessment of competencies in clinical psychology training, reflective practice in clinical psychology and has developed a University based supervisors training program.

MASTER OF ORTHOPTICS

Overview

Orthoptics is a specialist discipline with a focus on the diagnosis and management of a range of eye disorders. The Master of Orthoptics prepares students for a career in the multidisciplinary field of eye healthcare.

This course has been designed for individuals who are passionate about clinical practice, research or industry roles that relate to eye healthcare and the correction and management of vision problems within the wider Australian community.

Students study under the guidance of internationally recognised teachers, researchers and clinicians and are encouraged to engage with new knowledge and technologies in the field of orthoptics throughout the degree. Graduates will enter the workforce with high level clinical skills, leadership capabilities and an in-depth understanding of the importance of patient-focused care.

Career opportunities

As one of only two orthoptics degrees in the Asia-Pacific region, graduates will be highly sought after by local, national and international employers. Graduates of the Master of Orthoptics will be eligible for registration as orthoptist. Graduates can seek employment in Orthoptics or organisations where qualifications in eye health and care, vision science or vision rehabilitation are required.

Clinical placement

Master of Orthoptics students experience a diverse range of clinical placement opportunities. Students complete a minimum of 280 hours over the two year program, both during semester and block placements between semesters. UTS is partnered with over 50 orthoptics placement sites across Sydney in hospital, community and private practice, and over 15 sites outside the Sydney metropolitan area.



Professor Kathryn Rose

Professor Kathryn Rose is an internationally acclaimed Orthoptics practitioner and researcher whose work centres on the field of myopia (short-sightedness).

“There is a huge need for orthoptists in the workforce. Our emphasis is on high-quality education and constant renewal and appraisal of the educational process to ensure that our graduates are well prepared for the wide range of opportunities available to them. In particular, we are working closely with the orthoptic profession and wider industry groups to support our students, and that’s a real advantage of being at UTS.”



MASTER OF ORTHOPTICS

UTS Course Code: C04299

UAC Course Code: 940911

For full subject descriptions visit: uts.edu.au/course/c04299

Duration: 2 years full-time

Teaching Mode: Full-time only.
Most units of study are presented on-campus, with Professional Practice units providing external clinical placements.

Admission requirements: Applicants must have completed a bachelor's degree as recognised by UTS, or an equivalent or higher qualification.

Entry is competitive and applicants are assessed on their grade point average.

Shortlisted applicants will be required to undertake a short interview with a panel.

AUTUMN (Semester 1)

96027 Eye and Visual Systems

96028 Binocular Vision and Ocular Motility 1

96029 Ocular Pathology 1

YEAR 1

96030 Introduction to Professional Practice

SPRING (Semester 2)

96031 Clinical Management of Refractive Error

96032 Binocular Vision and Ocular Motility 2

96033 Ocular Pathology 2

96034 Professional Practice 1

AUTUMN (Semester 1)

96035 Research Project 1

96036 Neurological Ocular Disorders

YEAR 2

96037 Therapy, Management and Rehabilitation

96038 Professional Practice 2

SPRING (Semester 2)

96039 Research Project 2

96040 Advanced Professional Practice

96075 Professional Practice 3



MASTER OF PHARMACY

Overview

This course is best suited to students with a science or science-related background who have an interest in a pharmacy career. It builds on your solid scientific foundation, adding technical skills and expertise in pharmacy service delivery with extensive clinical placement opportunities. A wide range of elective subjects allows you to focus on specific areas of pharmacy practice, preparing you for a range of career opportunities across the profession.

Career opportunities

UTS graduates are particularly sought after for expanded pharmacy roles and those involving professional pharmacy services. Career opportunities include community and hospital pharmacies, pharmaceutical science research, and specialist clinical areas as well as global corporations, local and international government departments and consultancy. 100 per cent of the most recent cohort of graduates gained employment shortly after completing the degree.

Clinical placement

Master of Pharmacy students experience an intensive clinical placement program with a diverse range of placement opportunities. Students complete approximately 520 hours over the two year program, ranging from half day per week placements during semester to block placements between semesters. The variety of placements is designed to provide insight into the day-to-day realities of the profession, as well as provide students with a hands-on understanding of patient management along the continuum of care.

We source clinical placements

Our clinical placement team sources all placements. Based on student location and career interests, placement locations will generally be within the Sydney metro area but there are also opportunities to undertake placements in rural and regional settings.

Community pharmacy

Students will undertake a community pharmacy placement for half a day per week during the first year. This is an opportunity to apply their new skills and become familiar with the most common pharmacy setting.

Hospital pharmacy

One placement block will be completed in a hospital pharmacy setting. This is unlike many other pharmacy schools, where 'elective' hospital placements are offered to a small number of students. Our hospital pharmacy placements are at some of Sydney's largest teaching hospitals as well as optional placements in regional and rural Australia.

Specialist and alternative practice settings

Students also have the option to pursue interests outside the traditional areas of hospital and community pharmacy including:

- > Government
- > Pharmacy Consultancy
- > Pharmaceutical Industry
- > Professional Organisations
- > Specialist Clinics
- > Compounding



MASTER OF PHARMACY

UTS Course Code: C04252

UAC Course Code: 940900

For full subject descriptions visit: uts.edu.au/course/c04252

Duration: 2 years intensive (equivalent to 3 years of study). The course extends beyond the regular academic year to include winter and summer sessions.

Teaching Mode: Full-time on campus. You can expect to spend up to 30 hours per week in face-to-face classes and clinical placements. This course is not offered part-time, online, or by distance.

Application requirements: applicants must have completed a bachelor's degree as recognised by UTS, or an equivalent or higher qualification. Shortlisted applicants will be required to undertake a short interview with a panel

Entry is competitive and applicants are assessed on their grade point average.

Applicants must have also completed the following pre-requisites at a tertiary level within the last 10 years:

- > one pharmacology subject
- > two chemistry subjects
- > one biochemistry subject
- > one human physiology subject, and
- > one mathematics or statistics subject

A human biology and/or microbiology subject is also desirable.

YEAR 1	AUTUMN (Semester 1)
	96001 Introduction to Pharmacy
	96002 Concepts in Pharmaceutical Sciences
	96003 Pharmaceutics
	96004 Professional Services 1
	96015 Clinical Practice 1
	WINTER
	96024 Clinical Practice 2
SPRING (Semester 2)	
96005 Professional Services 2	
96006 Integrated Therapeutics 1	
96007 Drug Disposition	
96008 Evidence Based Practice	
SUMMER	
96025 Clinical Practice 3	

YEAR 2	AUTUMN (Semester 1)
	96009 Professional Services 3
	96010 Integrated Therapeutics 2
	96011 Primary Health Care
	Select: Elective 1
	WINTER
	96017 Clinical Practice 4
	SPRING (Semester 2)
96012 Professional Services 4	
96013 Integrated Therapeutics 3	
96014 Molecule to Market	
Select: Elective 2	

Pre-requisites

Applicants must complete all pre-requisite subjects prior to the start of semester in late February 2016 and must provide relevant subject outlines with their application. If students have not completed all subject pre-requisites in their undergraduate degree, these can be completed as bridging courses, short courses or non-award study.

Students who intend to complete pre-requisites before the start of semester, need to note this on their application.

Non award study

Non award study can be completed at any recognised Australian tertiary institution including Open University. For example, UTS offers most pre-requisites as units within its Bachelor of Science.

For more information on how to undertake non-award study at UTS visit sau.uts.edu.au/applying/nonaward.html

To check whether previous study or subjects meet our requirements, students can submit subject outline/s and transcript for pre-assessment. For more information, email pharmacy@uts.edu.au



Associate Professor
Kylie Williams
BPharm, DipHospPharm, PhD

Associate Professor Williams has made a significant contribution to learning and teaching in pharmacy over her 20-year career. She has extensive experience with the design, implementation and evaluation of individual subjects as well as entire programs. She teaches across a wide variety of areas, including evidence based practice, drug information, pharmacoepidemiology, online health information, therapeutics and has a special interest in eLearning.





“WE AIM TO PREPARE STUDENTS NOT ONLY FOR CURRENT PHARMACY PRACTICE, BUT FOR EMERGING ROLES IN THE RAPIDLY CHANGING PHARMACY PROFESSION.”

Associate Professor Kylie Williams

GOOD MANUFACTURING PRACTICE

Overview

UTS has partnered with SeerPharma, the industry's leading provider of technical compliance and Quality Assurance knowledge in Asia-Pacific to deliver innovative, university-accredited graduate programs in Good Manufacturing Practice. Practice based and contemporary, the programs are unique in Australia and the Asia-Pacific region.

Our Good Manufacturing Practice programs are designed for students who seek in-depth knowledge of regulations, compliance, process development and quality assurance. They will gain expert knowledge of Quality and Good Manufacturing Practice to meet TGA, FDA, EU and PIC/S requirements. Knowledge of these areas are essential for career development in the pharmaceutical, medical device and biotechnology sectors both in Australia and globally.

The practice-based, multi-discipline course is presented in a structured, modular format. Students will learn from industry based experts who have spent many years working with pharmaceuticals, biologics and/or

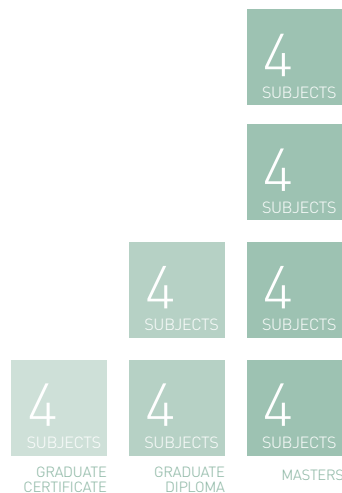
medical device companies. The units of study cover all stages of the product life cycle from preclinical and clinical through to commercial manufacturing. In this regulated industry, in-depth knowledge of process development, quality assurance regulations and compliance are paramount. Industry-based research projects may also be offered to students on the basis of availability and merit, helping students build relationships with local industry.

Career opportunities

You can map out a pathway for your professional advancement, ranging from entry into the pharmaceutical, medical device or biotechnology sectors to senior and executive management. The programs are also ideal for students wishing to start a pharmaceutical/medical device/biotechnology career with industry-recognised qualifications.

Flexible exit and entry points

Students can enter or exit this course at Graduate Diploma or Graduate Certificate stage, providing they meet the requirements of each degree. The Graduate Certificate in Good Manufacturing Practice articulates into the Graduate Diploma in Good Manufacturing Practice, which is an exit point for students enrolled in the masters course.



SeerPharma Pty Ltd

SeerPharma Pty Ltd is the industry's leading and largest provider of technical compliance, QA knowledge and expert training to the pharmaceutical, medical device and biotechnology healthcare industry sectors in Australia and the Asia-Pacific region. Since 1989, SeerPharma has continuously provided best practice industry GxP and quality assurance training to managers and supervisors. SeerPharma has trained over 4000 students and over 150 companies throughout Australia, Malaysia, Singapore, the United Kingdom, India, Vietnam, Korea, New Zealand and Thailand. SeerPharma offers a comprehensive range of consulting services and specialist expertise to the pharmaceutical, medical device and biotechnology industries and has built a strong reputation for supporting companies and products in development through to commercial manufacture.

GOOD MANUFACTURING PRACTICE

UTS Course Code: C04301 Master
C11249 Graduate Certificate
C06115 Graduate Diploma

UAC Course Code: 940919 Master
940921 Graduate Diploma
940922 Graduate Certificate

For full subject descriptions visit: uts.edu.au/course/c04301

Duration: 2 years full-time
or 4 years part-time

Teaching Mode: This course is offered full-time or part-time, on campus.

Admission requirements

Applicants must have completed a bachelor's degree as recognised by UTS, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies. The above qualifications must be in one of the following related disciplines:

- > Natural and Physical Sciences
- > Pharmacy
- > Engineering and Related Technologies.

Applicants who do not satisfy the above academic and additional requirements may be considered on the basis of general and professional qualifications that demonstrate potential to pursue graduate studies via submission of a CV.

YEAR 1	AUTUMN (Semester 1)
	96057 GMP for Manufacturing Operations
	96058 Validation Principles
	96059 International GMPs and Quality Assurance
	96060 Good (Quality Control) Laboratory Practices
	SPRING (Semester 2)
96062 Good Aseptic Practices and Sterile Products	
96063 GxP and Quality Auditing Practices	
96064 Risk Management for Pharmaceutical Operations	
96069 Contamination Control	
YEAR 2	AUTUMN (Semester 1)
	96065 Process Development for Therapeutics – A Perspective for Finished Dose Forms
	96066 Clinical Trials Quality Assurance Management
	96067 Supply Chain Management
	96068 Industrial Research Project A
	SPRING (Semester 2)
	96061 Computer Systems Validation Principles and Practices
96070 Process Development for Therapeutics – A Perspective for Medical Devices	
96071 Validation Practices	
96072 Industrial Research Project B	



HEALTH POLICY

Overview

Developed with experts who work in the healthcare system, the programs have a specific focus on health policy knowledge and skills, while drawing on the expertise of five key discipline areas. Each course is delivered within a unique interdisciplinary framework, synthesising coursework elements from health, business, communications, law and science and offering the ability to specialise in health economics, communication and learning, health services and planning or health law. Students will study core units in the areas of Indigenous studies, economics, policy, statistics and epidemiology.

Through career-focused interdisciplinary learning, students will gain a depth of knowledge and a versatile skill set to understand, interpret, influence, shape and become future thought leaders of Health Policy.

Career opportunities

Career options include positions in Commonwealth and state departments of health, community and consumer-based advocacy groups, government and not-for-profit organisations, local health districts, and non-government service providers.

Flexible exit and entry points

Students can enter or exit this course at Graduate Diploma or Graduate Certificate stage, providing they meet the requirements of each.

The Graduate Certificate in Health Policy articulates into the Graduate Diploma in Health Policy, which articulates into the masters course. Students can also undertake a Master of Health Policy (Extension), for an extended and more detailed specialisation.



Dr Jen Bichel-Findlay
Director, Health Services
Management, UTS Faculty of Health

“My speciality is health informatics and there is an increasing role that technology will play in not only information and data management, but also risk mitigation. These topics have been integrated into subject content to ensure you are prepared for the evolving needs of healthcare systems.”

Joining UTS from The Australian Council on Healthcare Standards in 2011, Dr Bichel-Findlay brings a wealth of health services experience at state and national levels with expertise in health informatics and knowledge management. Jen has been involved in a range of clinical, managerial, educative, and project roles in public and private healthcare organisations for over 35 years.



HEALTH POLICY

UTS Course Code: C04268 Master
 C04269 Master (Extension)
 C06107 Graduate Diploma
 C11235 Graduate Certificate

UAC Course Code: 940906 Master
 940909 Master (Extension)
 940907 Graduate Diploma
 940908 Graduate Certificate

For full subject descriptions visit:
uts.edu.au/course/c04268

Duration: 1.5 years full-time or 3 years part-time

Teaching Mode: Most subjects are offered in intensive block mode which enables you to spend only 2–4 days per subject per semester on campus, a flexible option for practicing professionals to balance study and work commitments.

Applicants must have completed a bachelor's degree as recognised by UTS, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications in one of the following disciplines:

- > health
- > management and commerce
- > society and culture

Applicants may be considered on the basis of general and professional qualifications that demonstrate potential to pursue graduate studies via submission of a CV.

Master of Health Policy (Extension) – Part-time load study example –Year 3 – Select an additional 24 Credit Points from electives list.

AUTUMN (Semester 1)	
YEAR 1	92050 Policy, Power and Politics in Healthcare
	35513 Statistical Methods
SPRING (Semester 2)	
	92638 Foundations of the Australian Healthcare System
	26703 Introductory Health Economics
AUTUMN (Semester 1)	
YEAR 2	92296 Epidemiology and Population Health
	57191 Organisational Change and Communication
SPRING (Semester 2)	
	92612 Research in Health
	92847 Planning and Evaluating Health Services

AUTUMN & SPRING		Select 24 Credit Points from:
YEAR 3	92295	Advanced Health Services Planning
	57023	Communicating with Publics*
	78145	Contemporary Issues in Health Law
	78126	Corporate Governance
	78147	Dilemmas in Biomedical Law
	78229	Disability and the Law
	79771	Dispute Resolution
	79031	Employment and Industrial Law
	25742	Financial Management
	57022	Foundations of Communication*
	78104	Genetics and the Law
	92721	Health Promotion and Health Education
92297	Health Systems and Change	
23787	Health Technology Assessment	
92022	Improving Quality and Safety in Health	
27778	Innovative Services Management	
57025	Intercultural and International Communication*	
77734	Law and Medicine	
78150	Law and Mental Health	
98728	Leadership, Accountability and Role Development in Advanced Practice	
21741	Managing Operations	
92603	Managing Quality, Risk and Cost in Healthcare	
92606	Nursing Leadership in Contemporary Healthcare	
92887	Organisational Management in Healthcare	
92845	Primary Healthcare	
21745	Service Operations Management	
92917	Using Healthcare Data for Decision Making	

*These subjects are 8CP all other subjects are 6CP

RESEARCH

[uts.edu.au/research-and-teaching/
our-research#health-futures](https://uts.edu.au/research-and-teaching/our-research#health-futures)

UTS has invested heavily in a long-term research strategy aimed at increasing research capacity and productivity to address some of Australia's biggest research challenges. Health research has been named as an area of strength in the strategy with a focus on collaborative and interdisciplinary research; innovative technological approaches; and a commitment to researcher development and strengthening the relationship between research and teaching and learning.

GSH Research Areas

- > Cancer cell biology and therapeutics
- > Clinical pharmacy and therapeutics
- > Health psychology, back pain
- > Immunopathology of chronic airways disease
- > Myopia
- > Nanotechnology and drug delivery
- > Parenting, child and adolescent behaviour and mental health
- > Pharmacy Health Care
- > Professional Pharmacy Services

Research Degree Supervisors

Professor Ian Kneebone

Neurological disorders

Dr John McAloon

Parenting, child and adolescent behaviour

Dr Toby Newton-John

Health psychology, back pain

Dr Lynette Roberts

Translational mental health

Dr Amanda French

Orthoptic practice

Professor Kathryn Rose

Orthoptics, myopia

Associate Professor Mary Bebawy

Cancer-cell biology

Associate Professor Beata Bajorek

Clinical pharmacy

Professor S. Charlie Benrimoj

Professional pharmacy services

Dr Victoria Garcia Cardenas

Adherence and asthma

Dr Mehra Haghi

Respiratory technology

Dr Ritu Jaiswal

Multi-drug resistance

Associate Professor Kylie Williams

Pharmacy practice

Dr Daniel Sabater Hernandez

Cardiovascular service in community pharmacy

Dr Maria Sukkar

Immunopathology of asthma



STAFF PROFILE

Associate Professor Mary Bebawy

Assoc. Professor Mary Bebawy is recognised as an international leader in her field. Her team are working on a range of diagnostic and treatment opportunities for cancers that have become resistant to multiple drugs.

"Our research looks to define and understand a novel pathway which we discovered contributes to cancer multidrug resistance," Assoc. Professor Bebawy says.

"This research will provide fundamental knowledge as to how cancer cells resist the toxic effects of anti-cancer drugs."

Assoc. Professor Bebawy's team is comprised of a number of research students, both at Masters and PhD level, who are keen to translate their interest and expertise in cancer research into relevant research with real-world outcomes.

"Here at the UTS: Pharmacy, there is a tremendous focus on ensuring that the research journey is positive for our students," Assoc. Professor Bebawy says.

"The facilities, infrastructure, technical expertise and support systems we have to offer enrich the HDR journey and ensure that our students are independent, highly skilled and qualified researchers at the end of their candidature."

RESEARCH STUDENT PROFILES



Felicia Adinanto
PhD Candidate

"My research is around the prevalence and risk factors of strabismus – a condition in which eyes do not correctly align with each other. I am focusing on the neonate intensive care units (ICU). Children who go through the ICU are four times more likely to develop strabismus versus children who don't.

I'm collecting data from children's hospitals including Westmead, Sydney Children's Hospital and Prince of Wales. The links UTS GSH has with the profession has helped to facilitate my research.

I chose UTS because of the quality and expertise of the world-leading academics. I'm looking to forge my career at UTS and would like to join the academic cohort in Orthoptics".



Curtis Pazderka
PhD Candidate

"I'm implementing drug design strategies to improve certain properties of an anticancer drug. I'm attempting to change the structure of the lead molecule in several places to improve its ability to dissolve while avoiding changes in the molecule that reduce the anticancer drug activity. As part of this I am able to collaborate with groups from different institutions."

"I chose to complete my PhD at UTS because I found the project interesting and enjoy the academic and social environment of the GSH. Even over the short time I have been here at UTS I have been inundated with opportunity to further my academic, career and social interests."

RESEARCH DEGREES

Doctorate Research

- > Doctor of Philosophy – Psychology
- > Doctor of Philosophy – Orthoptics
- > Doctor of Philosophy – Pharmacy

Master's Research

- > Master of Orthoptics (Research)
- > Master of Pharmaceutical Sciences (Research)
- > Master of Pharmacy (Research)

For more details please visit:

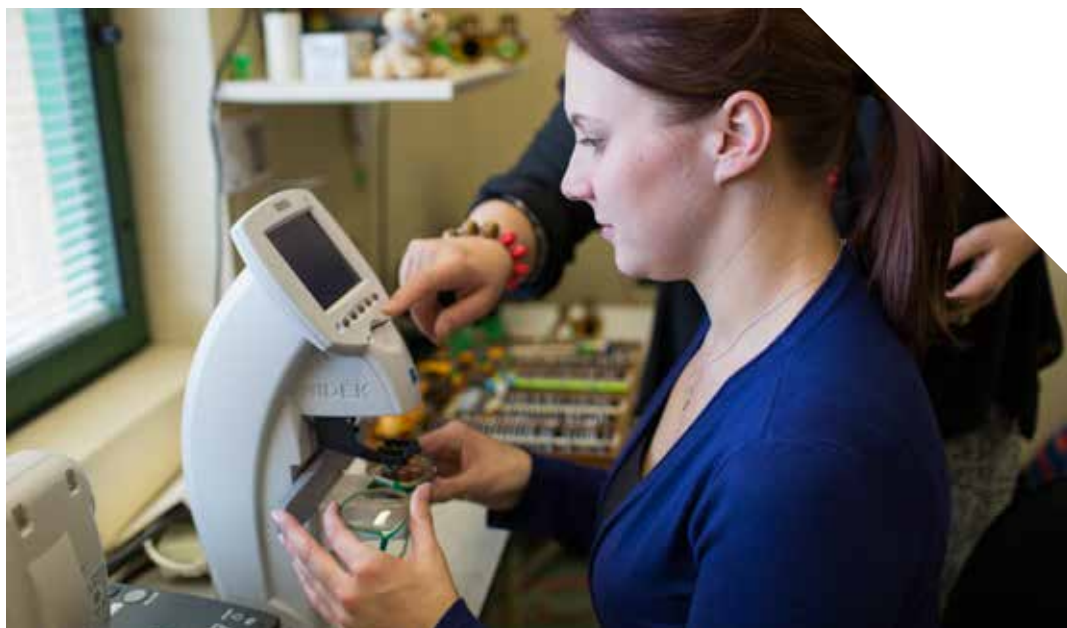
[uts.edu.au/future-students/
pharmacy/research-
degrees/postgraduate](https://uts.edu.au/future-students/pharmacy/research-degrees/postgraduate)

Entry Requirements

Entry into a Doctor of Philosophy requires a Bachelor (Hons) degree or a significant research component completed at master's level. Entry into a Master's research degree requires a bachelor's degree and demonstrated interest in a particular research topic.

Applications for research degrees should be made through UTS: Graduate Research School.

For more information visit:
gshresearch.uts.edu.au



HOW TO APPLY

Applications for Autumn Semester 2016 open 3 September, 2015. Shortlisted applicants will be required to attend an interview.

DOMESTIC STUDENTS

Applications can be completed quickly and easily online through the Universities Admissions Centre (UAC).

To apply through UAC visit

uac.edu.au

For more information:

Tel: (02) 9752 0200

Applications with previous qualifications completed in Australia can also be submitted in person at one of our Postgraduate Info Sessions. Register at postgraduate.uts.edu.au

Application closing dates:

First round: 30 October, 2015

Second round*: 30 November, 2015

Third round*: 29 January, 2016

*Applications will only be accepted if there are places available.

INTERNATIONAL STUDENTS

This course guide is not intended for international students. International students should contact UTS:

International: international.uts.edu.au for relevant information.

Applicants who are not citizens or permanent residents of Australia or citizens of New Zealand must apply as International Students directly through UTS International or via an approved UTS education agent.

To find an agent in your country:

uts.edu.au/future-students/international/student-recruitment-agents/find-agent-your-country

Application closing dates:

Autumn semester 2015:

15 December, 2015

For details on international student fees, visit: uts.edu.au/future-students/international/essential-information/fees-information

Tel outside Australia:

(+61 3) 9627 4816

Freecall within Australia: 1800 774 816

Email: international@uts.edu.au

Web: uts.edu.au/international

English language proficiency

Visit our website for English language requirements

uts.edu.au/future-students/international/essential-information/entry-requirements/english-language-requirements

English requirements for registration

There are additional English language requirements for pharmacy (after graduation) and clinical psychology (upon commencement of the course).

Please refer to the Pharmacy Board of Australia and Psychology Board of Australia for information.

Research Degrees

Applications for research degrees should be made through UTS: Graduate Research School.

For more information visit: gshresearch.uts.edu.au

FEES & SCHOLARSHIPS

Research Degree Scholarships

UTS GSH offers a range of scholarships to support outstanding research students who are seeking to undertake a PhD.

Domestic students:

- > Australian Postgraduate Awards (APA)
- > UTS: Research Excellence Scholarships (RES)
- > UTS Doctoral Scholarships (UTSD)

International students:

- > International Postgraduate Research Scholarships (IPRS)
- > International Research Scholarships (UTS IRS)
- > UTS President's Scholarship (UTSP)

At a broader university level, there may be additional scholarships open to all students regardless of their discipline. To view and search all scholarships, prizes and awards offered by UTS please visit:

uts.edu.au/study/scholarships

Fees

GSH courses are generally full-fee paying. A small number of Commonwealth Supported Places are available in the Master of Pharmacy program. These are allocated on merit.

For further information on fees visit: sau.uts.edu.au

FEE-HELP

FEE-HELP is a government loan scheme that assists eligible local students to pay their tuition fees. Using FEE-HELP means you do not have to pay for your tuition fees up front. You can inform your employer that you have a FEE-HELP loan and they will withhold your payments through the PAYG tax system. If your postgraduate degree is related to your employment, your tuition fees may be tax deductible. For more information, contact your financial adviser or the Australian Tax Office (ATO) ato.gov.au

For information about FEE-HELP please contact:

Tel: 1800 020 108 or studyassist.gov.au

For further information, please contact the UTS Student Centre:

Tel: 1800 ASK UTS

Web enquiries: uts.edu.au/askuts

Research degree fees

Research degree fees for local students are covered by the Australian Government's Research Training Scheme.

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 (August 2015) 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.

TO FIND OUT MORE

uts.edu.au/clinical-psychology

uts.edu.au/health-policy

uts.edu.au/orthoptics

uts.edu.au/pharmacy

FOR DETAILS ABOUT OUR NEXT INFO SESSION, VISIT

gsh.uts.edu.au

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