



**MACQUARIE**  
University  
SYDNEY · AUSTRALIA

# Macquarie University Doctor of Medicine

MACQUARIE MD





**“After 30 years of educating medical students and seeing young doctors flourish, it has been exciting to lead the design of a completely new medical program that is future focused and unbound by traditions. I look forward to welcoming our students and being involved closely in their medical education and professional development.”**

**Professor Patrick McNeil**

EXECUTIVE DEAN, FACULTY OF MEDICINE AND HEALTH SCIENCES  
DEPUTY VICE-CHANCELLOR, MEDICINE AND HEALTH

**ABOUT THE PROGRAM**

The Macquarie MD is a new four-year graduate entry program that:

- integrates applied medical sciences with clinical sciences, professionalism, research and cultural responsiveness.
- teaches students in an environment where learning is fully integrated with outstanding patient-centred clinical care and active health and medical research. This environment is MQ Health.
- provides students with a quality-assured international education.

**PREPARING FUTURE LEADERS IN HEALTHCARE**

This program aims to graduate culturally responsive, engaged, globally aware medical professionals, who understand the health systems they work within; have respect for, and sensitivity towards, the cultural needs of diverse populations, including Indigenous Australians; and are aware of the impact of their own culture and values on their medical practice.

Embedded throughout the Macquarie MD are structured international clinical experiences that give students the opportunity to experience different health systems, cultures and clinical presentations.

**ACCREDITATION**

The Doctor of Medicine is accredited by the Australian Medical Council (AMC) and approved by the Medical Board of Australia (MBA).

 Learn more at [mq.edu.au/study/medicine](https://mq.edu.au/study/medicine)

## MACQUARIE AT A GLANCE



**AMONG THE TOP 15**  
universities in Australia

Academic Ranking of World Universities, 2018



**5 QS STARS**

in teaching, employability, research, facilities, internationalisation, innovation, inclusiveness and specialist criteria

QS World University Rankings, 2019



**RESEARCH ABOVE WORLD STANDARD**

in genetics, clinical sciences, neurosciences, oncology and carcinogenesis

Excellence in Research for Australia (ERA) evaluation 2015



**THE ONLY UNIVERSITY**

in Australia with its own hospital and integrated specialty clinics on campus



**MORE THAN 184,000**  
alumni in 140 countries



**AMONG THE TOP 1 PER CENT**

of universities in the world

Academic Ranking of World Universities, 2016



**MORE THAN 300**

companies located on campus and in the adjacent high-tech precinct



**MORE THAN 44,000**

students from more than 140 countries



**MORE THAN 350 COTUTELLE AND JOINT PHD CANDIDATES**

from 110 universities in more than 35 countries

**DISCLAIMER**

Internships begin after graduation from the program. On satisfactory completion of an internship with an approved hospital, graduates are eligible for registration to practice in Australia and New Zealand. In Australia, internships are provided and mainly managed by state health departments. Universities do not have control over, and are not responsible for organising any internship or medical registration of students following their graduation. Current NSW Health policy is to guarantee internship positions to all Australian citizen graduates of New South Wales medical schools. Internships are currently funded for a proportion of international graduates through the Commonwealth Medical internships initiative, the details of which are reviewed annually. For information on Health Education and Training Institute (HETI) internships, visit [heti.nsw.gov.au](https://heti.nsw.gov.au). For details on the Commonwealth Medical internships initiative provided by the Department of Health, visit [health.gov.au](https://health.gov.au)

The information in this document is correct at the date of publication but the University reserves the right to vary or withdraw any general information, any course(s) and/or unit(s), its fees and/or the mode or time of offering its course(s) and unit(s) without notice.

**PHOTOS:** All photos by Chris Stacey unless otherwise noted

## OUR JOURNEY

The Macquarie MD is the latest step in Macquarie's medicine and health sciences journey which dates back to the University's earliest days in the 1970s. It follows a long term, significant investment in health, through the development of strong foundations in

ground-breaking medical research, the establishment of the Macquarie University Hospital and Clinics, and the Australian Hearing Hub, as well as the launch of innovative education programs.

 [Explore our journey](#)

As Australia’s first fully integrated, university-led academic health sciences centre, MQ Health brings together world-class clinical care, teaching and research.

# MQ Health

With a focus on patients and an ultimate goal of improving lives, MQ Health represents the convergence of the continuous learning and research endeavours of Macquarie’s Faculty of Medicine and Health Sciences with the clinical care provided in the Macquarie University Hospital, primary care and multi-specialty clinics.

### CLINICAL LEARNING FROM DAY ONE

MQ Health provides an opportunity for you to learn in a research-active clinical environment. You will learn from leading medical educators, researchers and clinicians who conduct their research and clinical activities on campus and have been actively involved in the curriculum development of the program.

Throughout your training, you will develop a holistic understanding of the patient and their needs. You will benefit from a unique opportunity to follow a patient from initial consultation through to treatment and discharge, and develop professional relationships with patients and their families during their healthcare journeys.

*“Macquarie University Hospital is a beautiful facility with state-of-the-art technology. I am learning hands-on skills and gaining knowledge I don’t think I would have attained elsewhere.”*

**Dr Glendon Inkster**  
MQ HEALTH INTERN

### PROFESSIONAL GROWTH OPPORTUNITIES

The journey to becoming a doctor involves many steps, and the opportunity for aspiring and current doctors to realise their potential is available here at MQ Health.



Find out more about MQ Health at [mqhealth.org.au](http://mqhealth.org.au)

The Macquarie MD has been developed in recognition of the need for future doctors to be globally engaged clinicians, and includes extended international clinical experiences. These experiences have significant benefits – for the student, for health systems and for the health outcomes of local and global communities.

# Global focus

When you study with us, you will:

- develop cultural responsiveness and resilience by immersing yourself in diverse environments
- learn how to be an effective, contributing member of a different health system
- broaden your knowledge by learning about clinical cases that may be rare in Australia
- learn in a quality-assured and supportive environment.

### COMPARATIVE LEARNING

Your comparative learning experience will help you understand how healthcare is delivered through the lens of different cultures and health systems. Most of all, you’ll be preparing yourself to be a doctor equipped to improve the health of our multicultural Australian community as well as the broader global community.

Learn more at [mq.edu.au/study/medicine](http://mq.edu.au/study/medicine)



**PROFILE**  
**Professor Venkata Ram**  
INAUGURAL DEAN, MACQUARIE MD APOLLO HOSPITAL CAMPUS AND DIRECTOR, APOLLO INSTITUTE FOR BLOOD PRESSURE MANAGEMENT, HYDERABAD

“The Macquarie MD offers integrated clinical experience at the innovative Apollo Hospital in Hyderabad, India. It is regarded as one of the best hospitals in the world, with patients referred for treatment from all over India as well as internationally.

“Studying here in your third and fourth years adds a unique dimension to your medical training by allowing you to see and learn to treat medical conditions that are uncommon in Australia, and deepening your knowledge of the outcomes that can be achieved through multidisciplinary approaches to patient care.

“The knowledge and experiences you gain will not only be of great value to you individually but also to the patients you will treat along your journey to excellence as a doctor.”



Our program has been designed to enrich well-established approaches in medical education with current and emerging innovations.

# Distinctively different program

Our program integrates four graduate capabilities – Scientist and Scholar, Clinical Practitioner, Engaged Global Citizen, and Professional – across the program. It aims to build within students the capacity to be ethical and reflective practitioners who are public health and systems-aware and are socially and culturally versatile; team workers who are patient-centred and safety-focused, and are effective personal and digital communicators.

#### INTERNATIONAL EXPERIENCE

Your extended international experiences provide comparative learning opportunities that will help you:

- apply public health thinking
- see the differences between health systems
- discuss unique presentations and diseases
- develop cultural responsiveness.

#### PATIENT SAFETY FOCUS

You'll focus on patient safety and quality, an approach that is embedded across the program and has been developed in collaboration with Macquarie University's research powerhouse, the Australian Institute of Health Innovation (AIHI).

#### DIVERSE LEARNING EXPERIENCES

You'll learn in a number of Australian and international environments, with a meaningful focus on interprofessional, comparative and digital learning in the medicine context.

#### SMALL STUDENT COMMUNITY

You will be part of a small student community with access to impressive facilities, mentoring and support.

Learn more at [mq.edu.au/study/medicine](https://mq.edu.au/study/medicine)

Clinical placements give you the opportunity to apply your academic knowledge and enhance your practical skills. Embedded throughout the program are structured Australian and international clinical experiences that allow you to experience different health systems, cultures and clinical presentations.

# Clinical training placements

## APOLLO HOSPITAL – HYDERABAD, INDIA

The Apollo Hospitals Group is recognised as the pioneer of private healthcare in India, and offered the country's first corporate hospital. Apollo's site in Hyderabad provides an integrated healthcare model with 470 inpatient beds and extensive outpatient clinics, including Centres of Excellence for Heart Diseases, Cancer, Joint Diseases, Emergency, Renal Diseases, Neurosciences, Eye and Cosmetic Surgery. Apollo is committed to the achievement and maintenance of excellence in education, research and healthcare, and has long-standing experience in the delivery of medical education and post-graduation training.

## MINDSPOT

The MindSpot Clinic is Australia's first free online and telephone mental health clinic and is located at Macquarie University campus. MindSpot was established in 2012 by a team of national and international experts, as part of the Australian Government's mental health reform package to improve access and expand mental health services in remote areas across Australia. Through a secure and sophisticated state-of-the-art online clinical treatment platform, MindSpot has provided services for more than 100,000 Australians.

## MQ HEALTH

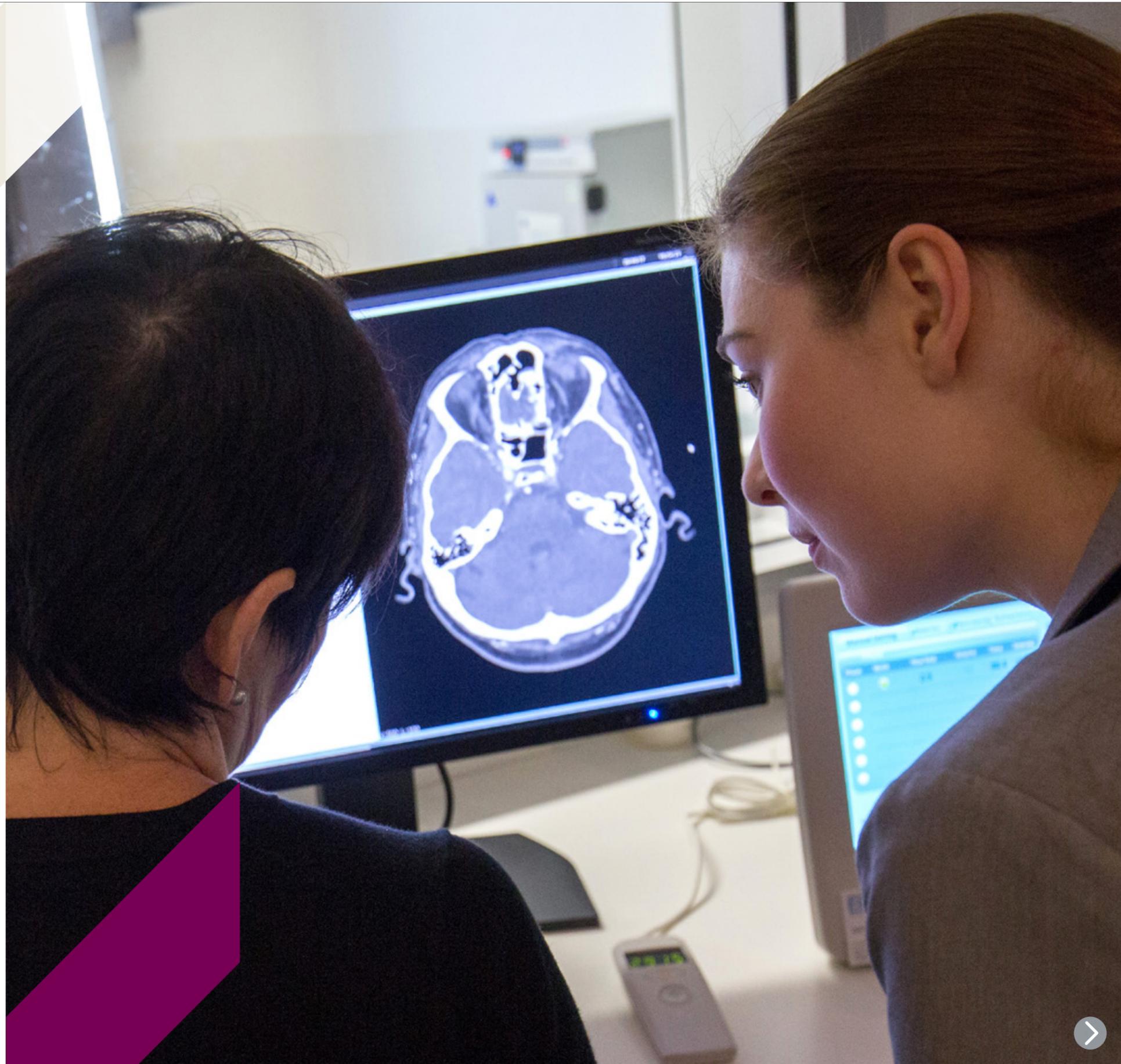
MQ Health is the first university-led integrated health campus in Australia. With a vision of becoming a world-class health sciences centre, MQ Health brings together clinical care, teaching and research to provide an integrated approach to holistic patient treatment, discovery and continuous learning. MQ Health's signature clinical programs and services coordinate patients' needs from initial consultation at primary care and specialist clinics, imaging and allied health through to inpatient hospital treatment if required. Clinical placements at MQ Health will take place at Macquarie University Hospital and MQ Health clinics.

## NORTHERN SYDNEY LOCAL HEALTH DISTRICT

Northern Sydney Local Health District (NSLHD) provides exceptional clinical training to medical students. Clinical experiences within NSLHD provide students with the full range of clinical presentations, opportunities to interact with patients and healthcare teams in inpatient and outpatient settings, and exposure to a high-volume and varied case mix.

Students primarily undertake clinical experiences at the Royal North Shore Hospital, which is a key part of NSLHD. The 600-bed hospital is the referral hospital for northern Sydney and is also a major trauma centre, providing specialised services in the areas of severe burns, spinal cord injury, neonatal intensive care and interventional cardiology. It is one of Sydney's major teaching hospitals and provides students with a high-quality environment to support their learning in mental health, obstetrics and gynaecology, paediatrics and emergency medicine.

Learn more at  
[mq.edu.au/study/medicine](http://mq.edu.au/study/medicine)





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See the complete program structure at  
[mq.edu.au/about/about-the-university/faculties-and-departments/medicine-and-health-sciences/macquarie-md/program-structure](https://mq.edu.au/about/about-the-university/faculties-and-departments/medicine-and-health-sciences/macquarie-md/program-structure)

# Program structure

## Year 1

### FOUNDATIONS OF MEDICAL PRACTICE

**Year 1 equips you with foundational knowledge and skills that will be developed across the program.**

- You'll study applied medical sciences, which integrates key science disciplines and clinical practice.
- You'll begin to develop your clinical and consultation skills using state-of-the-art simulation equipment.
- You'll co-learn with Doctor of Physiotherapy students across two units, focusing on the social aspects of health, evidence-based practice, Indigenous health and professionalism.

## Year 2

### INTEGRATED CLINICAL LEARNING

**Year 2 introduces you to real clinical experiences within MQ Health.**

- Weekly cases and scenarios provide the basis for more advanced clinical skill development and a context for the integrated learning of applied clinical, medical and social sciences.
- You'll develop key research skills and study patient safety and quality, within the context of critical care.

## Year 3

### CORE CLINICAL PLACEMENTS

**Year 3 focuses on clinical experience and training.**

- As part of your clinical training, you'll spend 24 weeks engaged in clinical placements in Australia and 22 weeks on clinical placement in India.
- You'll discuss and compare your experience with peers in Australia and India through an online 'community of practice' and learn about different cultures, diseases and health systems.
- You'll work on a research project throughout the year, focusing on an aspect of health systems, patient safety and quality, clinical research or public health.
- In years 3 and 4 students will be divided into two cohorts, A and B, for their clinical placements.

## Year 4

### ADVANCED CLINICAL PLACEMENTS

**Year 4 consolidates your learning and offers you choice and flexibility.**

- You'll have the opportunity to complete a number of selective clinical placements and an emergency medicine and mental health placement.
- Selective and elective clinical placements are longer than those in Year 3, adding depth and breadth to your clinical training.
- Your final year allows you to reflect on your learning across the program and consolidate your knowledge as you prepare for internship.

Staff and students share their insights on the Macquarie MD.

# Macquarie MD experience



## Associate Professor in Medicine Bernard Champion

MD STAGE 1 LEAD

"I came to Macquarie University for the opportunity to be part of an innovative medical program.

"The Macquarie MD's unique clinical environment provides our students with personalised, experiential learning. Small student numbers

and contact with senior surgical and medical specialist consultants help our students gain both practical knowledge and important communication skills; skills that are vital for work in a modern, global health environment."

## Jordan Griffiths

YEAR 2 MACQUARIE MD  
DOMESTIC STUDENT

"The Macquarie MD curriculum has been developed with insight from medical leaders to ensure that students gain knowledge and experiences that are relevant to modern medical practice.

"Now we're in Year 2, we get the chance to participate in a range of different experiences. We get to attend multidisciplinary team meetings, spend time at MQ Health clinics talking to and examining patients, participate in hospital ward rounds, or head into theatre with surgeons. Every day offers something different, sees you grow confidence in your skills and capabilities, and leaves you excited about what tomorrow may bring.

"This is all due to the wonderful MQ Health community, where every member of staff is excited to teach us. I can't imagine another community being more safe, supportive and inspiring than the one that exists at MQ Health."



## Professor Vincent Lam

MD STAGE 2 LEAD AND  
PROFESSOR OF SURGERY

"The Macquarie MD is unique in the way it incorporates surgery, anatomy and medicine as well as different learning techniques into the program.

"Our students have access to a range of clinical experiences in state-of-the-art facilities in both public and private hospitals in international and domestic healthcare settings. Immersed in clinical settings at the forefront of surgical innovation, they are able to use their energy, passion, drive and enthusiasm to become an active part of the healthcare team.

"For me, being part of MQ Health provides an opportunity to deliver one-on-one personalised care to patients and to transfer my knowledge and ethical practice to the next generation of students."



## Yunhua Queenie Vanessa Tang

YEAR 2 MACQUARIE MD INTERNATIONAL STUDENT

"The Macquarie MD really stands out from other medical programs because of its focus on developing patient-centred physicians with a mature, global perspective, and on nurturing every student individually.

"This year we are consolidating everything we have already learned by integrating clinical experience into our study. We're studying in the hospital, and as we develop our understanding of body systems and our knowledge of diverse clinical settings, I can feel my confidence is growing too.

*"Knowing that one day my passion for helping people could change somebody's life makes every day of my journey at MQ Health, and the knowledge I gain, even more worthwhile."*



Learn more at  
[mq.edu.au/study/medicine](https://mq.edu.au/study/medicine)

Macquarie University is committed to making the Macquarie MD accessible to students through a generous scholarship program.

## Fees and scholarships

### TUITION FEES

Students enrolled in the program will either pay Australian tuition fees (domestic students) or international tuition fees. Neither Australian nor international tuition fees are subsidised by the Australian Government. Domestic students may be eligible for FEE-HELP to assist with payment of their tuition fees.

The University's tuition fee for Australian and international fee-paying postgraduate students is subject to annual review.

### MD SCHOLARSHIPS

To help students from diverse backgrounds to undertake the Macquarie MD, Macquarie University offers up to 10 scholarships on a competitive basis.

<b>Indigenous student scholarships</b>	Up to two scholarships worth \$50,000 each year
<b>Macquarie University Bachelor of Clinical Science graduate scholarships</b>	Up to five scholarships worth \$30,000 each year
<b>Equity merit scholarships</b>	Up to two scholarships worth \$30,000 each year
<b>Medical Leader of the Future scholarship</b>	Up to one scholarship worth \$50,000 each year

 Learn more at [mq.edu.au/study/medicine](https://mq.edu.au/study/medicine)



The Macquarie MD is designed for students with a high level of achievement in tertiary study, who engage in a variety of experiences and activities; have the interpersonal skills desirable in a medical student and doctor; and the resilience, commitment and desire to help improve the health of Australian and global communities.

## Admissions

### DOCTOR OF MEDICINE KEY FACTS

<b>Duration</b>	4 years
<b>Credit points required for completion</b>	128 credit points
<b>Compulsory international clinical learning experiences</b>	Year 3 – 22 weeks Year 4 – up to 16 weeks
<b>Indicative annual student intake</b>	40 domestic students 20 international students
<b>CRICOS code</b>	095798D

### APPLICATION PROCESS



Domestic applicants apply via the Graduate Entry Medical School Admissions System (GEMSAS) at [gemsas.edu.au](https://gemsas.edu.au). An Indigenous pathway is also available.



International applicants apply direct to Macquarie international admissions [mq.edu.au/study/medicine](https://mq.edu.au/study/medicine) or via an authorised representative in your country.

 Full details of the admissions process and requirements are available at [mq.edu.au/study/medicine](https://mq.edu.au/study/medicine)



**The Macquarie MD  
prepares students to  
become future leaders  
in healthcare, who  
are patient-centred  
and safety-focused,  
culturally responsive,  
and equipped to work  
within increasingly  
digital health systems.**

