

# Postgraduate education for healthcare professionals

2019 edition

## Contact us

[sydney.edu.au/medicine-health](https://sydney.edu.au/medicine-health)  
1800 SYD UNI (1800 793 864)



THE UNIVERSITY OF  
**SYDNEY**



We acknowledge the tradition  
of custodianship and law of the  
Country on which the University of  
Sydney campuses stand. We pay our  
respects to those who have cared  
and continue to care for Country.



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# Become a leader in medicine and health

Whether you're looking to specialise in your field, broaden your knowledge or advance your career, a specialist postgraduate qualification can take you there.

We offer a range of programs across our medicine and health portfolio designed for working professionals who are ready to take the next step in their career.

Where your postgraduate degree will take you is entirely up to you: you can prepare for your college exams, specialise within your chosen field or broaden your knowledge in your existing area. Whichever option you choose, our specialised degree programs will help you to develop your career to its full potential.

You'll have access to leading lecturers, research supervisors, industry networks and research and teaching staff from across Australia and worldwide – the University of Sydney is ranked among the top 50 universities worldwide, reflecting our outstanding international reputation.\*

Our graduates are among the world's most sought-after employees – the University is ranked first in Australia and fourth in the world for graduate employability.\*\*

## The Sydney advantage

Studying medicine and health at the University of Sydney ensures that you will be fully equipped with the leadership capabilities, clinical skills and human understanding required to make a genuine difference to the lives of individuals and communities.

We are unique among Australia's leading universities in the breadth of health disciplines we offer, providing a broad range of opportunities for professional and personal development and cross-disciplinary study.

On graduating from one of our pioneering courses in medicine, health sciences, public health, nursing, pharmacy or dentistry, you will be ready to make a real difference – in Australia or around the world.

The University of Sydney attracts many of the best students from throughout Australia and overseas. With this privilege comes our responsibility to provide the highest quality learning and teaching. We strive constantly for excellence in intellectual enquiry, academic freedom and integrity, and ethical practice in all our academic endeavours. To support these goals we provide an exciting and stimulating learning and teaching environment.

\* QS World University Rankings 2018

\*\* QS Graduate Employability Rankings 2018





## Postgraduate study options

The degree programs listed in this guide are designed for health professionals already working in their chosen field.

They have been developed with working professionals in mind, with the majority offered in part-time, distance mode. Some units of study include a short, intensive face-to-face component.

Depending on your specialist area, you may have the opportunity to study our programs at multiple levels – from individual units of study to an advanced master's degree.

## Want to know more?

This guide outlines the range of study options we offer. For more information about specific courses – including admission requirements, opening and closing dates and the application process – visit:

- [sydney.edu.au/medicine-health/specialist-pg-degrees](https://sydney.edu.au/medicine-health/specialist-pg-degrees)

The Faculty of Medicine and Health also runs course information sessions – including webinars and face-to-face sessions with course coordinators – across our portfolio of postgraduate courses. For more information, visit:

- [sydney.edu.au/medicine-health/events](https://sydney.edu.au/medicine-health/events)

# Postgraduate courses for doctors

## Advance your medical career with a specialist degree.

Sydney Medical School is one of the largest medical and health teaching and research institutions in the Southern Hemisphere with its urban and rural clinical schools and affiliated medical research institutes.

Sydney Medical School is a member of Sydney Health Partners, which is recognised by the National Health and Medical Research Council as an Advanced Health Research and Translation Centre. Other members include the Sydney, Northern Sydney and Western Sydney Local Health Districts, the Sydney Children's Hospital Network (Westmead) and a number of prominent medical research institutes.



Dr Samriti Sood, Breast Surgeon

### Why study with us?

The University of Sydney is ranked among the top 20 universities in the world for quality of research and teaching in medicine\* and is the largest university provider of postgraduate vocational courses in Australasia.

Our postgraduate medical curriculum is regularly updated to ensure it remains current and relevant. Our courses provide depth and breadth of education and training in discipline-specific areas as well as in non-technical skills such as research methods, communication and teaching.

Many of our programs and units of study are endorsed by the relevant professional colleges, and some can be credited towards college training requirements. Several units of study are also designed to prepare candidates for college examinations.

Within our broadly structured programs, you can tailor a course to meet your needs and study at your own pace. So that you can continue to meet your professional commitments, most of our courses are delivered online, with short intensive face-to-face workshops included for some units of study.

\* QS World University Rankings by Subject 2018

### Flexible course choices

Most of the programs listed on the following pages are offered at master's, graduate diploma and graduate certificate levels, and in some cases also at advanced master's level (which provides a closely supervised research opportunity that can be completed part time).

It is usually possible to move between these awards, provided the degree requirements are met. In some cases, if you do not meet the entry requirements for a master's degree program, the graduate certificate or graduate diploma can provide an alternative entry pathway.

To find a course that matches your interests, desired study level and eligibility for admission, visit:

- [sydney.edu.au/medicine-health/specialist-pg-medicine-degrees](https://sydney.edu.au/medicine-health/specialist-pg-medicine-degrees)

### Flexible course structure

Course structure varies slightly between degrees, but the following basic principles generally apply.

- Most units of study are available as standalone units that can later be credited to a degree if completed successfully.
- Compulsory units of study in the graduate diploma and master's degrees usually include Introduction to Clinical Epidemiology, which can be taken at any time during your studies.
- The range of stream-specific units is unique to each degree. Elective units can be chosen from those stream-specific units or from the broader list of available elective units. The graduate certificates comprise stream-specific units of study only.

### Admission criteria

To be admitted to one of our Master of Medicine programs, you must hold a recognised medical degree. Some programs are also available to health and science graduates.

More specific admission criteria apply to individual programs. For more information, visit:

- [sydney.edu.au/handbooks/medicine](https://sydney.edu.au/handbooks/medicine)

### Commonwealth supported places

In 2019, we may be able to offer a limited number of Commonwealth supported places in certain programs, based on merit.

In a Commonwealth supported place, your tuition fees will be subsidised by the Australian Government and you will pay the remainder – called a 'student contribution' amount.

For more information, visit the relevant course page at:

- [sydney.edu.au/courses](https://sydney.edu.au/courses)



# What's new in 2019?

## New program: General Practice and Primary Health Care

This new postgraduate program is designed to help general practitioners stay abreast of the literature, find trusted sources of information and further develop their decision-making skills in key areas of clinical practice.

## New units of study in the Master of Medicine

- **Advanced units in rheumatology and oncology:** Appropriate for practitioners seeking specialist training in these fields.
- **Applied Clinical Neurophysiology:** Become familiar with neuromuscular, central nervous system and neurosurgical disorders encountered in clinical neurophysiology laboratories.
- **Essential Dermatology:** Undertake a comprehensive review of common skin diseases and be able to diagnose common cutaneous presentations, recognise possible alternative diagnoses and complete an appropriate management plan.
- **Essential Imaging:** This unit presents the strengths, weaknesses and indications of common imaging techniques as well as future directions of imaging.
- **Extracorporeal Life Support:** Learn about extracorporeal support modalities including extracorporeal membrane oxygenation and CO<sub>2</sub> removal, ventricular assist devices and Impella.

- **Genomics in Clinical Practice:** Gain contemporary knowledge of genetic disease, diagnosis, genomic testing, prognosis, management, inheritance and impact across a range of chromosomal, single-gene and heterogeneous genetic conditions using case-based learning.
- **Mechanical Ventilation:** Become familiar with mechanical ventilator design and function, learn to interpret ventilator waveforms and measured data, and develop your understanding of the physiological consequences of mechanical ventilation.
- **Point of Care Ultrasound (ASUM-accredited):** Learn how to perform scans including e-FAST, AAA, vascular access, DVT studies, renal, hepatobiliary, basic echo and early pregnancy.
- **Resource Limited Critical Care:** Examine appropriate healthcare and disaster-response interventions (including clinical care, education and research) in low- and middle-income countries, and gain an understanding of the clinical, educational and logistical challenges of working in these environments.
- **Thrombosis and Haemostasis in Acute Care:** Develop your understanding of normal and pathological haemostasis, interpretation of coagulation laboratory tests and practical management of bleeding and clotting disorders in perioperative and critical-care settings, using case-based discussions to improve your clinical decisions.



# Child and Adolescent Health

Gain the core knowledge and clinical decision-making skills required for day-to-day paediatric practice, delivered by experienced paediatric practitioners and researchers from Sydney Medical School and the Children's Hospital at Westmead.

This case-based program will provide you with a practical and theoretical foundation in paediatrics, from newborns to adolescents. It is facilitated by subspecialty experts who will guide your learning and provide valuable professional interactions.

The program is designed for all doctors interested in paediatrics, regardless of seniority or experience. You can tailor your course to study at basic or advanced level, whether you are a doctor working in general practice or in specialty paediatrics, in the community or in a hospital.

As part of the compulsory unit of study Evidence and Ethics in Paediatrics, you will complete a substantial written assignment and have an opportunity to publish your paper in the *Journal of Paediatrics and Child Health*.

## Course summary

### Degrees available:

- Master of Medicine (Child and Adolescent Health)

**Duration:** 1 year full time or 2–4 years part time

**Credit points:** 48

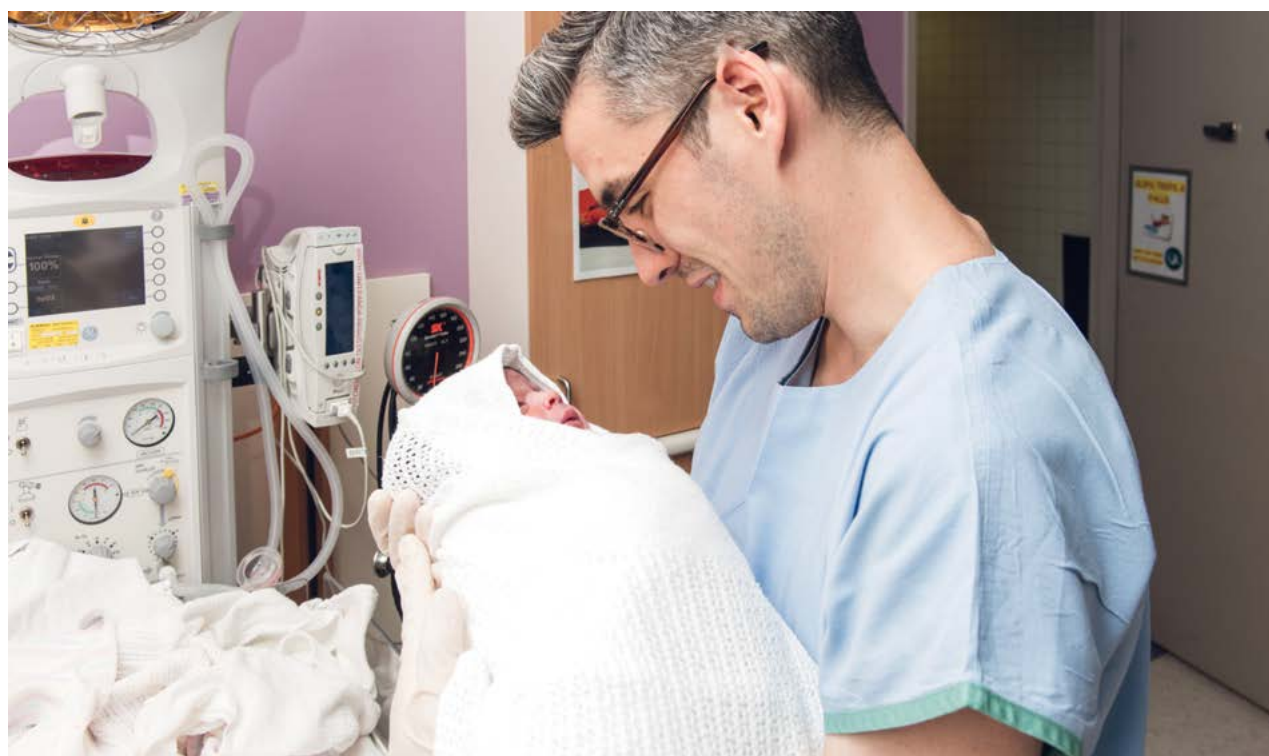
**Commencing:** Semester 1 and 2

**Mode:** Online

**Availability to international students:** This course is not available to student visa holders. It is available to international students offshore or on other visas with study rights.

**IELTS:** 7.0 overall (6.5 in each band)

- [sydney.edu.au/courses/master-of-medicine-child-and-adolescent-health](https://sydney.edu.au/courses/master-of-medicine-child-and-adolescent-health)



# Clinical Neurophysiology

Our clinical neurophysiology program will provide you with a sound understanding of the theoretical principles and practical application of the commonly employed techniques in clinical neurophysiology, to enable your work in diagnostic and perioperative settings.

Clinical neurophysiology is a broad discipline, encompassing diagnostic services for people presenting with neurological dysfunction, systemic diseases and critical illnesses, as well as the provision of intraoperative monitoring of the nervous system during at-risk procedures.

This program is designed for practising and trainee anaesthetists, neurologists, neurophysiology scientists and technologists, and offers a structured educational program to complement your workplace experience. This unique postgraduate course is delivered mostly online, with some intensive face-to-face teaching sessions including practical experience in simulated diagnostic and perioperative settings.

The program is taught by expert anaesthetists, neurologists and neurophysiology scientists from Australia and the US.

There is flexibility in the choice of units of study: you can choose to pursue diagnostic or intraoperative units or a mix of the two.

## Course summary

### Degrees available:

- Master of Medicine (Clinical Neurophysiology)
- Master of Science in Medicine (Clinical Neurophysiology)

**Duration:** 1 year full time or 2–4 years part time

**Credit points:** 48

**Commencing:** Semester 1 and 2

**Mode:** Online, with face-to-face intensive workshops

**Availability to international students:** This course is not available to student visa holders. It is available to international students offshore or on other visas with study rights. Intensive study components require attendance on campus.

**IELTS:** 7.0 overall (6.5 in each band)

- [sydney.edu.au/courses/master-of-medicine-clinical-neurophysiology](https://sydney.edu.au/courses/master-of-medicine-clinical-neurophysiology)



Dr Adam Hastings, Anaesthetist

## Staff profile

### Dr Adam Hastings

**Program Co-Director, Clinical Neurophysiology  
Consultant anaesthetist**

Dr Hastings is an anaesthetist who specialises in neurosurgical and cardiothoracic anaesthesia. He has a strong interest in intraoperative neurophysiological monitoring and has led the development of the Clinical Neurophysiology course in collaboration with a group of neurologists, anaesthetists and clinical scientists, having recognised the lack of postgraduate training in this field.

## Staff profile

### Alison Szekely

**Senior Neurophysiology Scientist,  
NSW Health WSLHD, Program  
Co-Director, Clinical Neurophysiology**

Alison Szekely is a senior neurophysiology scientist with 12 years experience in the field of neurophysiology. She has worked in diverse settings throughout her career in neurophysiology including adult and paediatric public hospitals and private practice. Alison is experienced in many modalities including EEG, nerve conduction studies and intraoperative monitoring.



Alison Szekely, Senior Neurophysiology Scientist



# Critical Care Medicine

Designed by critical care clinicians, this program is for doctors interested in pursuing further study in anaesthesia, emergency medicine and intensive care medicine.

Critical Care Medicine is a flexible program that you can tailor to your areas of interest and desired level of training. It will develop your technical and non-technical skills and enable you to pursue your interests in areas such as research, clinical teaching, simulation and clinical reasoning.

You can prepare for your college primary examinations by studying the basic sciences (anatomy, pathology, physiology and pharmacology) or develop your skills in anaesthetics or intensive care medicine with units in mechanical ventilation, extracorporeal life support or intraoperative neuromonitoring.

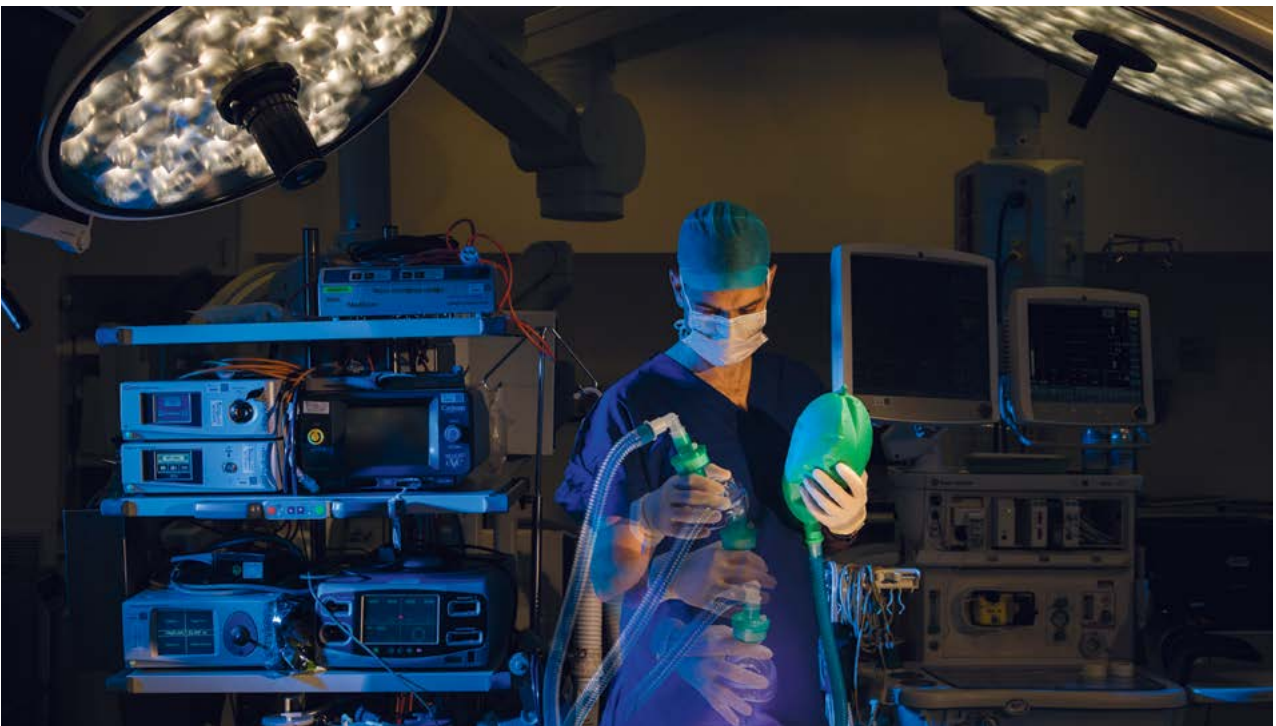
If you are interested in emergency medicine, relevant units of study include point of care ultrasound (ASUM-accredited), resource limited critical care, and clinical reasoning and communication. There are also specialised units of study available in retrieval medicine.

## Graduate timeline

**Dr Holly Martin**  
Intensive Care Registrar,  
Royal North Shore Hospital



2012	Bachelor of Medicine, University of Newcastle
2013–14	Junior Doctor at Concord Repatriation General Hospital
2015	Master of Medicine (Critical Care), University of Sydney
Current	Intensive Care Registrar, Royal North Shore Hospital



Dr Adam Hastings, Anaesthetist

You can also use this program to help fulfil college training requirements, such as the research requirements of the Australasian College for Emergency Medicine (ACEM).

The program is suitable for busy clinicians and can be undertaken online (some units include intensive face-to-face teaching workshops). You may enrol in a single unit of study and later combine it with others to obtain a graduate certificate, diploma or master's degree. This option provides an ideal opportunity for established practitioners who want to expand or update their knowledge and skills.

## Course summary

### Degrees available:

- Master of Medicine (Critical Care Medicine)

**Duration:** 1 year full time or 2–4 years part time

**Credit points:** 48

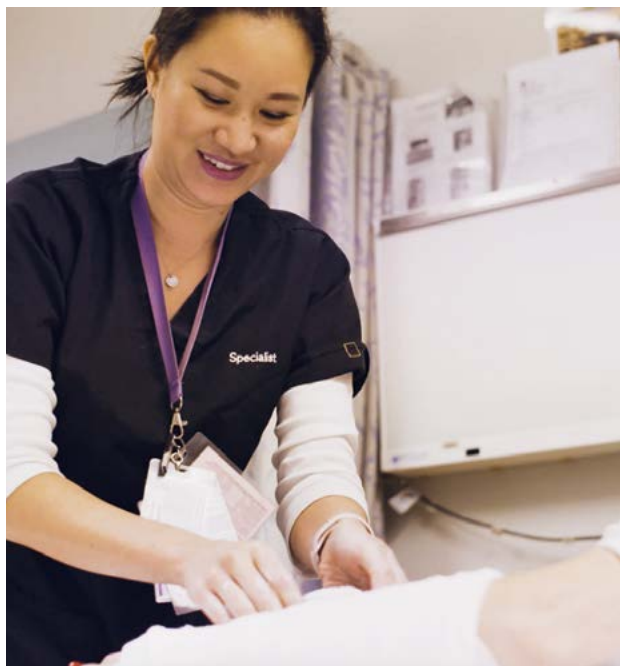
**Commencing:** Semester 1 and 2

**Mode:** Online, with face-to-face intensive workshops

**Availability to international students:** This course is only available to medical graduates who hold Australian or New Zealand medical registration with current or prior employment in a clinical environment in Australia or New Zealand.

**IELTS:** 7.0 overall (6.5 in each band)

- [sydney.edu.au/courses/master-of-medicine-critical-care-medicine](https://sydney.edu.au/courses/master-of-medicine-critical-care-medicine)



Dr Khanh Nguyen, Staff Specialist in Emergency Medicine

## Staff profile

### Dr Khanh Nguyen

**Program Director, Critical Care Medicine  
Staff Specialist in Emergency Medicine,  
Auburn and Canterbury Hospitals, Sydney**

Dr Nguyen is an emergency physician with a keen interest in toxicology, critical care ultrasound and simulation. She enjoys teaching medical students and emergency trainees and fellows.



# General Practice and Primary Health Care

Enhance your knowledge and clinical skills in primary health care.

General Practice and Primary Health Care is a new postgraduate program designed to help general practitioners stay abreast of the literature and further develop the skills required for clinical decision-making. It is designed to enhance your knowledge in key areas of clinical practice and your ability to find trusted sources of information.

The program is flexible to meet the needs of a diverse range of practitioners. You can customise it to develop your special interests or to improve your ability to practise in areas of clinical importance.

You'll learn from clinical and academic leaders in a wide range of fields. As well as fundamental skills in general practice and clinical epidemiology, choices include complex problems in primary care, dermatology, diabetes and metabolic health, paediatrics, internal medicine, mental health, psychiatry and clinical teaching. Many units are case-based, and you will be supported by content experts who are experienced in the challenges of clinical practice.

You can study at your own pace with flexible study options designed to suit working professionals. The program is delivered mostly online, with some units of study also including a face-to-face workshop.

## Course summary

### Degrees available:

- Master of Medicine (General Practice and Primary Health Care)
- Master of Science in Medicine (General Practice and Primary Health Care)

**Duration:** 2–4 years part time (not available full time)

**Credit points:** 48

**Commencing:** Semester 1 and 2

**Mode:** Mostly online

**Availability to international students:** This course is not available to international student visa holders. International students on other visas with study rights may apply. Also available to international students offshore. Some units have compulsory face-to-face components.

- [sydney.edu.au/courses/master-of-medicine-general-practice-and-primary-health-care](https://sydney.edu.au/courses/master-of-medicine-general-practice-and-primary-health-care)

## Staff profile

### Dr Marguerite Tracy

**Program Director, General Practice and Primary Health Care, Senior Lecturer, Discipline of General Practice**

Dr Tracy is an experienced general practitioner with interests in Aboriginal and Torres Strait Islander people's health, women's and children's health, and drug health. She is also a GP supervisor with the Remote Vocational Training Scheme, and a member of and examiner for the Royal Australian College of General Practitioners.



# Infection and Immunity

Our Infection and Immunity program is designed for medical and health science professionals who wish to increase their knowledge of infectious diseases, infection control and the immune system.

The program is taught by leading research academics in the Discipline of Infectious Diseases and Immunology at the University of Sydney, as well as by outstanding medical microbiologists and immunopathologists responsible for supervising clinical laboratories in many of Sydney's major teaching hospitals.

It is designed to improve your understanding of the functions of bacterial, viral and fungal genes in infection, of the mechanisms of viral and bacterial infection, and of the processes involved in the generation and regulation of immune responses.

In your practical classes, you will use the latest techniques and methods to detect bacterial, viral and fungal species commonly causing infection.

You will study the principles and practices of prevention and minimisation of infectious diseases in hospitals and laboratories, among the general community and during disease outbreaks, while also receiving training in the latest laboratory techniques used in infectious diseases and immunology in both hospital and research laboratories.

The important roles of infectious diseases and vaccinations in global health are covered in detail, as are the appearance of new antibiotic-resistant species, and emerging immunotherapies for cancer and auto-immune diseases.

On completion of the program you will be equipped for roles in hospital or public health laboratories and in research programs in infectious diseases and immunology throughout the world. This degree will also prepare you for a higher degree by research.

## Course summary

### Degrees available:

- Master of Medicine (Infection and Immunity)
- Master of Science in Medicine (Infection and Immunity)

**Duration:** 1 year full time or 2 years part time

**Credit points:** 48

**Commencing:** Semester 1 and 2

**Mode:** On campus (Camperdown and Westmead), with daytime classes

**Availability to international students:** This course is available to international students, including student visa holders and other eligible visa holders.

**IELTS:** 6.5 overall (6.0 in each band)

- [sydney.edu.au/courses/master-of-medicine-infection-and-immunity](https://sydney.edu.au/courses/master-of-medicine-infection-and-immunity)

## Staff profile

### Dr Jim Manos

**Program Director, Discipline of Infectious Diseases and Immunology**

Dr Jim Manos has established his research career in bacterial pathogenesis, particular gram negative bacterial pathogenesis. He is the Head of the Bacterial Pathogens in Cystic Fibrosis Group at the Sydney Medical School where he has focused on the molecular characterisation of *Pseudomonas aeruginosa* strains infecting the lung environment of cystic fibrosis patients.

# Internal Medicine

Become skilled at investigating, diagnosing and managing common and important medical conditions in adult patients.

Our Internal Medicine program is designed to integrate with your clinical work. It is delivered jointly by the University of Sydney and the University of Melbourne – a collaboration that offers a unique breadth of teaching and clinical experience.

You may choose to undertake units of study at basic or advanced level across the medical specialties, allowing you to tailor your degree to your needs and interests.

The basic units of study in the medical disciplines will equip you with the knowledge and skills required for the Royal Australasian College of Physicians Adult Medicine Basic Training examinations.

These units are also suitable for doctors practising or training in emergency medicine, intensive care or general practice who wish to increase their knowledge of internal medicine.

The advanced units provide an introduction to subspecialty practice and are designed for doctors with an interest in a particular discipline.

There is a broad range of elective units, including units in clinical teaching, statistical analysis, grant writing and research skills. There are also units that focus on specific diseases, such as diabetes, and on specific clinical problems, such as pain management.

The structure of the program is flexible, so you can customise it as the academic foundation for your career as it evolves. It is delivered online, except for a one-week residential capstone unit, which allows you to consolidate and reinforce your learning and includes opportunities to interact with senior clinicians and fellow trainees in a collegiate residential setting.



## Staff profile

### Associate Professor Leo Davies

**Program Director, Internal Medicine, Conjoint Associate Professor, Sydney Medical School; Senior Staff Specialist in Neurology and Head of the Department of Neurophysiology, Royal Prince Alfred Hospital**

Associate Professor Davies is a neurologist with an extensive background in medical education and assessment at the University of Sydney. He has clinical and research interests in movement disorders, clinical neurophysiology and stroke.

## Course summary

### Degrees available:

– Master of Medicine (Internal Medicine)

**Duration:** 2-4 years part time

**Credit points:** 48

**Commencing:** Semester 1 and 2

**Mode:** Online, with one-week residential for capstone unit

**Availability to international students:** This course is only available to medical graduates who hold Australian or New Zealand medical registration with current or prior employment in a clinical environment in Australia or New Zealand. The capstone unit includes a one-week residential component.

**IELTS:** 7.0 overall (6.5 in each band)

– [sydney.edu.au/courses/master-of-medicine-internal-medicine](https://sydney.edu.au/courses/master-of-medicine-internal-medicine)

# Metabolic Health

The Metabolic Health program has been developed to help health professionals acquire a comprehensive practical understanding of the aetiology, diagnosis and treatment of metabolic diseases.

You will learn how to manage diabetes, obesity and associated cardiovascular complications in the general population and in high-risk groups including pregnant women, elderly people, people with mental illness and Aboriginal and Torres Strait Islander people.

This program is developed and delivered by international leaders in diabetes and metabolic health. It is ideal for medical practitioners working in primary care, emergency medicine or paediatrics, and those planning to train in endocrinology. It is also suited to nurses, diabetes educators, dietitians and pharmacists with clinical experience and an interest in the field.

The program is delivered mostly online, complemented by short, intensive on-campus workshops held in the University's Charles Perkins Centre research and education hub.

## Course summary

### Degrees available:

- Master of Medicine (Metabolic Health)
- Master of Science in Medicine (Metabolic Health)

**Duration:** 1 year full time or 2–4 years part time

**Credit points:** 48

**Commencing:** Semester 1 and 2

**Mode:** Online, with face-to-face intensive workshops

**Availability to international students:** This course is not available to student visa holders. International students on other visas with study rights may apply.

Also available to international students offshore.

**IELTS:** 7.0 overall (6.5 in each band)

- [sydney.edu.au/courses/master-of-medicine-metabolic-health](https://sydney.edu.au/courses/master-of-medicine-metabolic-health)

## Staff profile

### Professor Stephen Twigg

**Program Director, Metabolic Health;  
Stan Clark Chair in Diabetes; Kellion Professor  
of Endocrinology; Head of the Department of  
Endocrinology, Royal Prince Alfred Hospital**

Professor Twigg's research focuses on translational studies in blood glucose management and on the prevention, timely detection, stabilisation and reversal of diabetes and its complications. His research interests include exercise in diabetes and prediabetes, and organ complications of diabetes.

Professor Twigg, along with unit of study coordinators Dr Victoria Rudland, Professor Tim Gill and Dr Kelly Stanton, developed a series of evidence-based units of study covering the management of common metabolic health problems in an interactive format.



# Ophthalmology

Our ophthalmology programs include Ophthalmic Science, International Ophthalmology, and Cataract and Refractive Surgery. The programs are delivered by clinicians and researchers from the Save Sight Institute and the Sydney Eye Hospital, who have extensive experience in ophthalmic education and training in both developed and developing countries.

## Ophthalmic Science

This course is designed for medical graduates interested in ophthalmology training and those pursuing a career in vision science. It covers the basic ophthalmic sciences in a flexible format that you can tailor to your needs. It is delivered mostly online, with an intensive face-to-face practical component.

You will acquire a detailed theoretical understanding of ophthalmic anatomy, physiology and optics, skills in the practical applications of ophthalmic equipment, and familiarity with anatomical specimens, prosections, radiographs and electron micrographs.

Ocular Pathology and Microsurgery Skills are our most recent additions to this course, and are available as standalone (non-award) short courses.

### Course summary

#### Degrees available:

- Master of Medicine (Ophthalmic Science)
- Master of Science in Medicine (Ophthalmic Science)

**Duration:** 1 year full time or 2 years part time

**Credit points:** 48

**Commencing:** Semester 1 and 2

**Mode:** Online, with face-to-face intensive workshops

**Availability to international students:** This course is not available to student visa holders. It is available to international students offshore or on other visas with study rights. Intensive study components require international students to be onshore.

**IELTS:** 6.5 overall (6.0 in each band)

- [sydney.edu.au/courses/master-of-medicine-ophthalmic-science](https://sydney.edu.au/courses/master-of-medicine-ophthalmic-science)

### Staff profile

#### Professor John Grigg

**Head of Discipline of Ophthalmology, Save Sight Institute; consultant ophthalmologist at Sydney Eye Hospital and the Children's Hospital at Westmead**

Professor Grigg oversees our postgraduate programs in Ophthalmic Science. He is passionate about helping children and adults with blinding eye conditions through his involvement in caring for patients, researching new ways to save sight and teaching the next generation of eye doctors.





## International Ophthalmology

This course focuses on the specific training needs of clinicians in developing countries, particularly those from the Asia-Pacific region. Medical graduates from developing countries will benefit from this comprehensive course, which can lead to qualifications endorsed by your local health ministry.

You will gain the skills required to practise ophthalmology at the highest possible standard, with an emphasis on the specific diseases and pathologies found within developing countries. You will also develop practical skills including knowledge of the prognosis and management of common eye conditions, diseases and injuries.

### Two streams are available:

- **Community Ophthalmology**, for medical graduates with little or no specialist ophthalmology training from countries without specialised ophthalmological services
- **Post-vocational Ophthalmology**, for students who have completed a specialisation training program in their home country.

The clinical and basic sciences components of this course are taught online, while local and visiting mentors provide clinical teaching and supervision in your working environment.

### Course summary

#### Degrees available:

- Master of International Ophthalmology

**Duration:** 1 year full time or 2 years part time

**Credit points:** 48

**Commencing:** Semester 1 and 2

**Mode:** Online with intensive teaching in student's country of study

**Availability to international students:** This course is not available to student visa holders. It is available to international students offshore.

**IELTS:** 6.5 overall (6.0 in each band)

- [sydney.edu.au/courses/master-of-international-ophthalmology](https://sydney.edu.au/courses/master-of-international-ophthalmology)

## Cataract and Refractive Surgery

This course will provide with you detailed knowledge of the theory and practice of cataract and refractive surgery, and develop your understanding of the appropriate selection of candidates for surgery, the surgical techniques involved, and how to deal with any complications that may arise.

The course is offered online, and includes a placement in an accredited refractive surgical centre as well as time in the surgical wet lab at the Sydney Eye Hospital to develop your practical skills and experience.

### Course summary

#### Degrees available:

- Master of Medicine (Cataract and Refractive Surgery)

**Duration:** 1 year full time or 2 years part time

**Credit points:** 48

**Commencing:** Semester 1

**Mode:** Mostly online, with placement and laboratory work

**Availability to international students:** This course is not available to student visa holders. It is available to international students offshore or on other visas with study rights. Intensive study components require international students to attend on campus.

**IELTS:** 6.5 overall (6.0 in each band)

- [sydney.edu.au/courses/master-of-medicine-cataract-and-refractive-surgery](https://sydney.edu.au/courses/master-of-medicine-cataract-and-refractive-surgery)

# Pain Management

This clinically focused, evidence-based program explores the problem of pain in multiple settings, from acute post-surgical pain to chronic intractable pain. It is recognised internationally as one of the premier programs in pain management.

Our program will provide you with up-to-date knowledge, treatment and management approaches to limit the severity of pain and its impact. Critically, it will refine your ability to work in a multidisciplinary team to help patients to achieve their goals.

The program is developed and delivered by Sydney Medical School's Pain Management Research Institute based at Royal North Shore Hospital and the Kolling Institute of Medical Research, in collaboration with national and international experts.

In 2018 a new pathway in Orofacial Pain was incorporated into the degree program. Drawing on the American Academy of Orofacial Pain Curriculum Guidelines, Sydney Medical School and the Faculty of Dentistry collaborated to develop this unique pathway. It is currently the only pathway available in an Australian or New Zealand university for students interested in learning in-depth about managing and treating orofacial pain problems. The Orofacial Pain pathway is offered at master's level only and requires the completion of specified units of study.

The Pain Management program is offered online and may be completed full time or part time. It is recognised as continuing medical education/maintenance of professional standards by the Royal Australian College of General Practitioners, the Royal Australasian College of Physicians and the Australian and New Zealand College of Anaesthetists. It is endorsed by the International Association for the Study of Pain (IASP) and based on its core curriculum for interdisciplinary pain management.

## Course summary

### Degrees available:

- Master of Medicine (Pain Management)
- Master of Science in Medicine (Pain Management)

**Duration:** 1 year full time or 2–4 years part time

**Credit points:** 48

**Commencing:** Semester 1 and 2

**Mode:** Online

**Availability to international students:** This course is not available to student visa holders. It is available to international students offshore or on other visas with study rights.

**IELTS:** 6.5 overall (6.0 in each band)

- [sydney.edu.au/courses/master-of-medicine-pain-management](https://sydney.edu.au/courses/master-of-medicine-pain-management)

# Pharmaceutical and Medical Device Development

Learn how to successfully manage the progress of pharmaceutical and medical devices through crucial regulatory processes.

Tailored to professionals already working in or interested in finding opportunities in the pharmaceutical, medical device, biopharmaceutical, regulatory, evaluation and/or registration sectors, the program teaches the latest approaches and requirements for the registration of pharmaceutical and medical products and devices.

The content is industry focused, and is developed and delivered in partnership with leaders in the field from academia, regulatory affairs, intellectual property, regulatory and industry bodies and a wide array of reputable industry corporations. Real-life examples and case studies are included throughout the program.

The fully online program is designed to ensure that the knowledge and skills you gain can be applied to current industry needs and readily integrated into your day-to-day work. You will develop expertise in modern drug development practices from concept to registration and beyond that are relevant to the healthcare, pharmaceutical and regulatory industries worldwide.

You will learn the basic science underpinning innovative therapies, current pharmaceutical trends, the latest regulatory guidelines and processes, communication and decision-making, and the evidence and ethics relevant to the industry. You will also gain insight into and understanding of the key steps involved in the current processes required to bring new products to market.

## Course summary

### Degrees available:

- Master of Medicine (Pharmaceutical and Medical Device Development)
- Master of Science in Medicine (Pharmaceutical and Medical Device Development)

**Duration:** 1 year full time or 2–4 years part time

**Credit points:** 48

**Commencing:** Semester 1 and 2

**Mode:** Online

**Availability to international students:** This course is not available to student visa holders. It is available to international students on other visas with study rights.

**IELTS:** 7.0 overall (6.5 in each band)

- [sydney.edu.au/courses/master-of-medicine-pharmaceutical-and-medical-device-development](https://sydney.edu.au/courses/master-of-medicine-pharmaceutical-and-medical-device-development)

## Graduate timeline

### Leticia Agnostini

**Regulatory Affairs Associate, Baxter International Inc.**



2000–04	Bachelor of Biomedical Sciences, Centro Universitario Barao de Maua
2005–07	Master of Science (Biochemistry), Universidade de Sao Paulo/USP
2007–10	Compounder, Inform Pharmacy (North Sydney)
2010–16	Various positions, Baxter International Inc.
2017–18	Graduate Diploma of Science in Medicine (Pharmaceutical and Medical Device Development)
2018	Regulatory Affairs Associate, Baxter International Inc.

# Psychiatry

Develop a sophisticated understanding of the neuroscientific basis of psychiatry, gain expertise in critical appraisal and research design, strengthen your clinical capability, develop interdisciplinary clinical and research networks and have an opportunity to pursue research.

The Master of Medicine (Psychiatry) is delivered by the Brain and Mind Centre, one of Australia's leading neuropsychiatric institutes. Designed specifically for trainee psychiatrists, it is accredited by the Royal Australian and New Zealand College of Psychiatrists (RANZCP) as a formal education course mandated for the first three years of its five-year training program.

You will learn from experienced clinicians and academics through weekly face-to-face classes, supported by online learning. If you live outside Sydney, or work evenings or nights, you can join classes online.

This course also suits overseas-trained psychiatrists and CMOs in psychiatry who would have a broader range of subjects available to them as they would not need to adhere to the Formal Education Course requirements.

The course includes a capstone experience in an area of advanced study, with an optional research project that may be approved as a scholarly project by the RANZCP (students need to apply to the RANZCP NSW Branch Training Committee).

It is also possible to undertake the course as a continuing medical education (CME) program.

This program meets the RANZCP requirements as a formal education course. As a CME student, you will be expected to attend and participate in classroom and online discussions and presentations, but will not have to submit written assessments or undertake exams. The course fee is reduced for CME students.

## Course summary

### Degrees available:

- Master of Medicine (Psychiatry)

**Duration:** 1 year full time or 2–6 years part time

**Commencing:** Semester 1 and 2

**Credit points:** 48

**Mode:** On campus (Camperdown), supported by online learning

**Availability to international students:** This course is available to student visa holders and to international students on other visas with study rights.

**IELTS:** 7.0 overall (6.5 in each band)

- [sydney.edu.au/courses/master-of-medicine-psychiatry](https://sydney.edu.au/courses/master-of-medicine-psychiatry)

## Staff profile

### Associate Professor Louise Nash

**Program Director, Psychiatry; Associate Director, Teaching and Learning, Brain and Mind Centre**

Associate Professor Nash is a psychiatrist with clinical expertise in early psychosis and community psychiatry in Sydney as well as in rural and remote Australia, and research expertise in medical education, doctors' health and workforce development.



# Trauma-Informed Psychotherapy

This program teaches an approach that helps people with personality or anxiety disorders, dysthymia, chronic depression, somatisation and other conditions in which trauma is a contributing factor.

The program is designed to train clinicians to treat people for whom chronic, complex trauma has played a contributing role in the development of psychological disorders or stress, or where conventional psychotherapies have failed. It uses an evidence-based approach to psychodynamic psychotherapy and offers supervised training across the different lengths of treatment, from acute to brief and longer term, suitable for public and private settings.

The therapeutic approach is based on the Conversational Model, but also incorporates concepts from other schools and theories including self-psychology, intersubjectivity, development, attachment, trauma and memory systems and neuroscience. These ideas are all centred on concepts of the self, notions of boundary formation, the empathic mode of listening, a focus on subjective experience, and unconscious traumatic memory systems. All are informed by practice and emerging neuroscience.

Our psychotherapy program has a long history of research and training in the field, and contributes to research and scholarship in personality disorders and chronic complex trauma. It is delivered in close liaison with the Western Sydney Local Health District and

clinicians to ensure the skills taught are practical and relevant to real-world psychotherapy practice settings.

The program has recently been substantially restructured and is now available as a graduate certificate, graduate diploma, master's or advanced master's degree.

## Course summary

### Degrees available:

- Master of Medicine (Psychotherapy)
- Master of Science in Medicine (Psychotherapy)

**Duration:** 3 years part time

**Credit points:** 48

**Commencing:** Semester 1

**Mode:** Online; on campus, with daytime classes

**Availability to international students:** This course is not available to student visa holders. It is available to international students on other visas with study rights provided: their visa allows them to work, they have current registration to practice and current professional indemnity insurance.

**IELTS:** 7.0 overall (6.5 in each band)

- [sydney.edu.au/courses/master-of-medicine-trauma-informed-psychotherapy](https://sydney.edu.au/courses/master-of-medicine-trauma-informed-psychotherapy)

## Staff profile

### Associate Professor Loyola McLean

Program Co-Director (alongside Dr Anthony Korner),  
Trauma-Informed Psychotherapy

Associate Professor McLean is a Consultation-Liaison Psychiatrist, Psychotherapist and Psychotherapy Educator in public, private and academic practice. She applies an interdisciplinary biopsychosocial model to her research and clinical work, informed by attachment, traumatology, neuroscience and the modern conceptions of the Self and Trauma in the Conversational Model.





# Sexual and Reproductive Health

This multidisciplinary, interprofessional postgraduate program provides high-quality training in sexual and reproductive health and is one of the most comprehensive of its kind in the world.

This program aims to address the significant global public health challenges of sexual and reproductive health, which include sexually transmitted infections (STIs), HIV, infertility, unintended pregnancy, and psychosexual wellbeing.

The multidisciplinary and interprofessional structure of the program encourages you to develop effective collaborative approaches to employment in a variety of healthcare settings. The program is professionally relevant and flexible, and seeks to encourage critical engagement with the evidence.

You will develop a comprehensive understanding of the contextual, psychosocial, biological and diagnostic issues related to the prevention and treatment of sexual and reproductive health issues. You will gain high-level knowledge and skills to enable your work in sexual and reproductive health, focusing on psychosocial contexts, effective prevention strategies and management of HIV/STIs, reproductive health and fertility issues, including sexual wellbeing.

Your studies will encourage you to critically evaluate relevant research and contribute to the growing body of effective, evidence-based interventions. You will also have opportunities to work collaboratively in multidisciplinary teams on the practical challenges faced by professionals working in the sexual and reproductive health arena.

Your newly acquired skills will contribute to the essential components of professional training in HIV and sexually transmitted infections, sexology/sexual health counselling/psychosexual therapy and reproductive health and fertility.

You can tailor your degree to your needs and career goals or follow one of the specialisation pathways:

- HIV and Sexually Transmitted Infections
- Reproductive Health and Fertility
- Psychosexual Therapy
- Public Health.

The program also provides opportunities to transition to higher degree research candidature.

## Accreditation

Components of this program count towards formal study requirements for the Advanced Training of the Chapter of Sexual Health Medicine of the Royal Australasian College of Physicians.

Completing the master's degree in the Psychosexual Therapy specialisation meets the sexological education and training requirements for professional accreditation with the Society of Australian Sexologists and ASSERT NSW.

## Course summary

### Degrees available:

- Master of Medicine (Sexual and Reproductive Health)
- Master of Science in Medicine (Sexual and Reproductive Health)

**Duration:** 1 year full time or 2–4 years part time

**Credit points:** 48

**Commencing:** Semester 1 and 2

**Mode:** Online; on campus, with daytime classes

**Availability to international students:** This course is available to student visa holders and to international students on other visas with study rights. Intensive study components require international students to attend on campus.

**IELTS:** 7.0 overall (6.5 in each band)

- [sydney.edu.au/courses/master-of-medicine-sexual-reproductive-health](https://sydney.edu.au/courses/master-of-medicine-sexual-reproductive-health)

# Sleep Medicine

Designed for professionals already working in the area of sleep medicine and clinical graduates wishing to develop expertise in the field, the Sleep Medicine program provides up-to-date knowledge of sleep theory and practice and provides training in clinical, theoretical and research techniques.

Sleep medicine is a subspecialty that impacts a number of fields, including respiratory medicine, cardiology, neurology, dentistry and psychology. This program provides training in clinical, theoretical and research techniques and aims to establish criteria for best practice in the field.

The program is delivered online by internationally recognised clinicians, academics and researchers who have had a major impact on the research and treatment of sleep disorders. It has been training domestic and international clinicians from diverse professional backgrounds – including physicians, medical registrars, dentists, scientists, nurses and psychologists – for more than 20 years.

You will study a range of areas including clinical epidemiology and sleep disorders, and have an opportunity to complete electives in advanced sleep physiology and advanced sleep medicine.

## Staff profile

### Professor Colin Sullivan

Program Director, Sleep Medicine

Professor Sullivan has made significant contributions to the understanding and treatment of sleep apnoea and other sleep disorders. He invented the continuous positive airway pressure (CPAP) machine, and was instrumental in developing the first adult and paediatric sleep laboratories in Australia. Professor Sullivan continues to innovate with his most recent development, a non-contact device to record breathing during sleep.

## Course summary

### Degrees available:

- Master of Medicine (Sleep Medicine)
- Master of Science in Medicine (Sleep Medicine)

**Duration:** 2–6 years part time

**Credit points:** 48

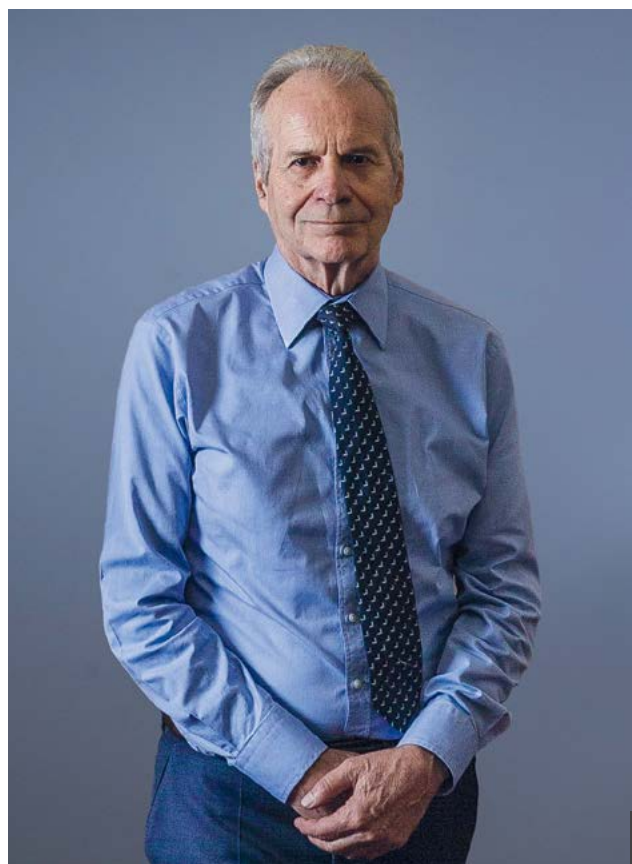
**Commencing:** Semesters 1 and 2

**Mode:** Online

**Availability to international students:** This course is not available to student visa holders. It is available to international students offshore or on other visas with study rights.

**IELTS:** 7.0 overall (6.5 in each band)

- [sydney.edu.au/courses/master-of-medicine-sleep-medicine](https://sydney.edu.au/courses/master-of-medicine-sleep-medicine)



# Surgery



Sydney Medical School is home to one of the largest academic surgical departments in Australasia, and delivers the region's most subscribed postgraduate surgical program.

The program allows you to tailor a course according to your interests. It is ideal for medical graduates, surgical trainees and surgeons.

The knowledge you will develop will complement the practical experience you can obtain through the Royal Australasian College of Surgeons (RACS) training program and augment your technical and non-technical skills, including those in research and communication.



### Master of Surgery (48 credit points)

In this program you will develop the knowledge and skills to apply the best available evidence to surgical patient care, and develop your interests through a range of elective units of study.

You will complete a core unit in clinical epidemiology or biostatistics, and will enter one of the following five streams:

- Surgical Research Dissertation
- Surgical Anatomy
- Surgical Sciences
- Surgical Skills
- Breast Surgery\*

### Surgical Research Dissertation

Master's candidates in the Surgical Research Dissertation stream will complete a combination of coursework and a specialty research dissertation. Alternatively, candidates not engaged in a research stream can complete the degree with a combination of other units.

### Accreditation

The Master of Surgery is accredited by RACS.

Students may credit units of study completed for the Graduate Certificate in Surgical Sciences, Graduate Certificate in Advanced Clinical Skills (Surgical Anatomy) or Graduate Certificate in Surgery (Breast Surgery) to the Master of Surgery in a relevant specialty, providing they have graduated from the graduate certificate.

### Course summary

#### Degrees available:

- Master of Surgery (Surgical Anatomy)
- Master of Surgery (Surgical Sciences)
- Master of Surgery (Surgical Skills)
- Master of Surgery (Breast Surgery)

**Duration:** 1 year full time or 2 years part time

**Credit points:** 48

**Commencing:** Semester 1 or 2

**Mode:** Online/Face-to-face

**Availability to international students:** Not available.

**IELTS:** 6.5 overall (6.0 in each band)

### Staff profile

#### Professor Pierre Chapuis

Clinical Professor Surgery, Concord Clinical School, and Director of Postgraduate Surgical Education for the Discipline of Surgery

Professor Chapuis has a special interest in the natural history, reporting and staging of large bowel cancer, and in the identification of independent prognostic variables in patient management and stratification in adjuvant therapy trials.

\* Only available to post-fellowship trainees and breast surgeons



## Other surgery courses

### Graduate Certificate in Surgical Sciences (24 credit points)

The Graduate Certificate in Surgical Sciences provides an opportunity for medical students and graduates to prepare for the RACS primary examination. The course has recently been extensively revised and is delivered mostly online, complemented by face-to-face workshops.

### Graduate Certificate in Advanced Clinical Skills (Surgical Anatomy) (24 credit points)

The Surgical Anatomy stream provides a sound knowledge and understanding of human anatomy, underpinning successful surgical practice through a series of regional dissections taught in small groups by sub-specialist surgeons. Regional dissection of the head and neck, abdomen, pelvis and perineum, upper and lower limbs, thorax, back and spinal cord are included and it is possible to undertake individual units of study as non-degree study or as part of the Master of Surgery.

With Anatomy and Physiology at Sydney Medical School ranked 10th in the world\*, this course is highly regarded and places are limited.

### Graduate Certificate in Surgery (Breast Surgery) (24 credit points)

This is the first formal educational credential for specialist breast surgery training in Australia and New Zealand, and is endorsed by BreastSurgANZ. It is only available to BreastSurgANZ Post-Fellowship trainees and established breast surgeons.

## Staff profiles

### Professor Andrew Spillane

Professor of Surgical Oncology; Senior Surgical Oncologist, Melanoma Institute Australia, the Mater Hospital and Royal North Shore Hospital, Sydney

### Associate Professor Sanjay Warrior

Consultant Breast Oncology and Oncoplastic Surgeon at Chris O'Brien Lifehouse, Royal Prince Alfred and Mater Hospital; visiting medical officer at BreastScreen NSW, and lead researcher at the Royal Prince Alfred Academic Institute.

## Graduate timeline

### Dr Samriti Sood

Breast Oncoplastic and General Surgeon

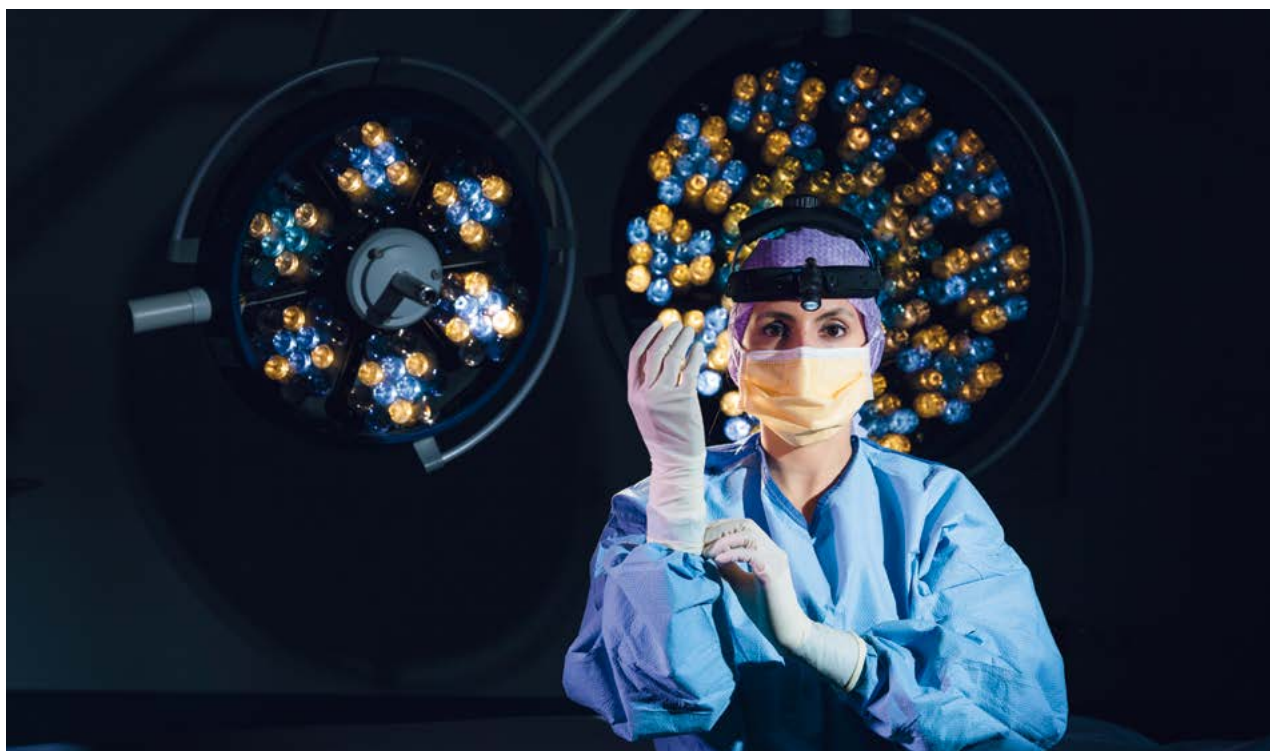


2002–07	Bachelor of Science (Medicine), MBBS (Hons), UNSW
2013	Master of Surgery, University of Sydney
2013–17	Graduate Certificate in Breast Surgery, University of Sydney
2016–18	Post-fellowship training, Northern Sydney Area Health Network and Westmead hospitals
2018	Breast Oncoplastic and General Surgeon, Poche Centre

This course consists of four core units of study and provides current in-depth knowledge of breast oncology and contemporary surgical strategies, including oncoplastic and reconstructive techniques. The comprehensive curriculum supplements the practical experience of BreastSurgANZ post-fellowship training. The course is also suitable for practising breast surgeons or general surgeons wishing to update their knowledge in contemporary breast surgery.

Professor Spillane and Associate Professor Warrior co-developed the graduate certificate as an adjunct to on-the-job training offered under the BreastSurgANZ training program, with the aim of ensuring that newly trained breast surgeons have a consistent standard of knowledge about contemporary breast surgical practices and deep insights into the multidisciplinary management of their patients.





Dr Samriti Sood, Breast Surgeon

A supportive learning environment and case-based teaching will help you to understand and apply evidence in a clinical environment. As well as enhancing your surgical practice, it will enable you to participate effectively in multidisciplinary team meetings.

Leading Australian and New Zealand clinicians and academics have contributed to the development of the course, including breast and plastic surgeons, medical and radiation oncologists, radiologists, epidemiologists, breast physicians and psychologists.

Individual units of study can be completed as non-degree study to tailor, enhance or update knowledge and theoretical understanding of a broader range of surgical options for practising breast surgeons.

### Doctor of Clinical Surgery (144 credit points)

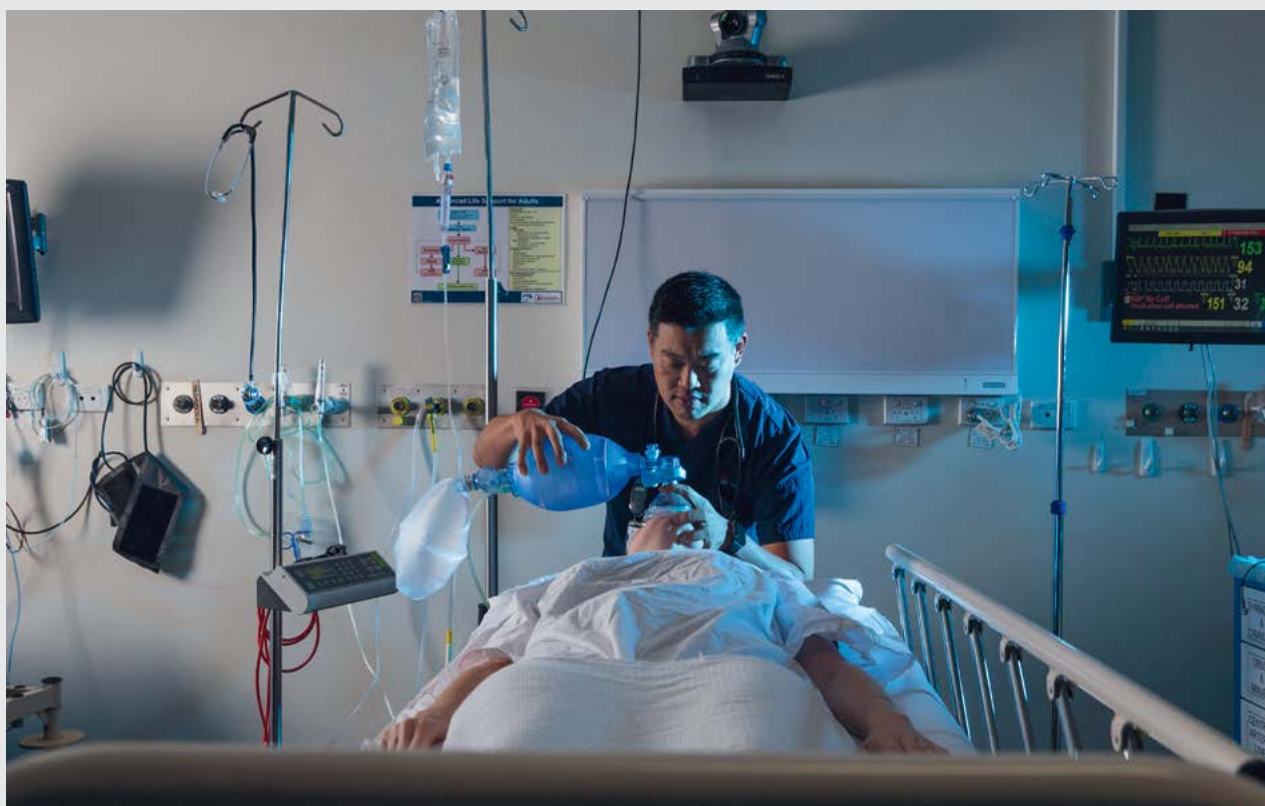
The comprehensive Doctor of Clinical Surgery program is endorsed by the Royal Australasian College of Surgeons (RACS) and includes clinical and non-clinical coursework and research to produce surgical leaders with the attitudes and skills to meet the challenges of modern surgical specialist practice, and the research skills required for an academic career.

The program is designed to be undertaken in conjunction with the surgical training program of the RACS to augment research, leadership and communication skills. Candidates who have already completed surgical training in Australia or a recognised surgical training program elsewhere will benefit from undertaking the Doctor of Clinical Surgery for its further non-clinical study opportunities and research skills development. Candidates who possess a Fellowship of the Royal Australian College of Surgeons, or equivalent may be granted an exemption of up to 66 credit points.

For more information, visit:

– [sydney.edu.au/courses/doctor-of-clinical-surgery](https://sydney.edu.au/courses/doctor-of-clinical-surgery)

# Postgraduate courses for nurses



John Won, Registered Nurse

Develop your professional nursing career and deliver optimal patient outcomes in your chosen field.

Designed for registered nurses, our postgraduate nursing programs build on the knowledge you've gained throughout your nursing career, solidifying the theoretical foundations of your practice. Led by specialist clinical and research experts, they provide you with the professional education required to pursue your chosen future in health care, opening a range of possibilities.

You will learn how to use the latest evidence to inform your clinical decisions, giving you confidence to work as a leader in a range of healthcare settings.

## Why study with us?

All of our courses are taught by experts in their respective fields with current connections to practice.

Our programs bring together students from a wide range of backgrounds from across Australia, and internationally – sharing their diverse experiences in nursing and health systems in a rich and dynamic learning environment.

In particular, the University of Sydney Susan Wakil School of Nursing and Midwifery has close ties with the following leaders in practice and research:

- Cancer Nursing Research Unit
- Charles Perkins Centre
- Chris O'Brien Lifehouse
- Sydney Clinical Skills and Simulation Centre.

We also have clinical nursing professors and academics in conjoint teaching roles in the Sydney, Western Sydney, South East Sydney and Illawarra Shoalhaven Local Health Districts.

### Flexible study options

With full-time and part-time options available, as well as self-paced online study for some components of the program, you can choose to fit study into your life how you want, when you want.

With the exception of the Master of Nursing (Nurse Practitioner), all of our postgraduate programs are available at three embedded levels:

- Graduate certificate (one year part time)
- Graduate diploma (one year full time or two years part time)
- Master's (18 months full time or two and a half years part time).

This structure allows you to step through the levels one at a time, at your own pace, and exit the program at whichever level you wish.

The Master of Nursing (Nurse Practitioner) is only available as a two-year full-time (or three-year part-time) program.

### Student profile

#### Rachel Hibbard

#### Susan Wakil Scholar 2017

After beginning her career as an exercise physiologist at St Vincent's Hospital in Sydney, Rachel decided to take the leap and study a Master of Nursing (Graduate Entry). By the end of the two-year course she knew she wanted to move into either perioperative or mental health nursing.

Rachel chose to study a Master of Mental Health Nursing because of its more sustained focus on people, and received a Susan Wakil Scholarship to support her studies.

"I'm addicted to learning – almost to my detriment! I just want to know more, to grow and reflect on my practice constantly. I was really fortunate that the scholarship enabled me to continue my learning and focus on my studies without financial stress."

### Admission criteria

To be admitted to one of our postgraduate nursing programs, you must hold a pre-registration nursing degree or equivalent, and be a registered nurse. More specific admission criteria apply to individual programs. For more information, visit the relevant page for your preferred courses at:

- [sydney.edu.au/medicine-health/specialist-pg-nursing-degrees](https://sydney.edu.au/medicine-health/specialist-pg-nursing-degrees)

### Scholarships

In 2015, the Susan & Isaac Wakil Foundation donated an unprecedented \$10.85 million to the Sydney Nursing School at the University of Sydney – the largest ever donation to a nursing school in Australia – enabling the award of up to 12 annual scholarships to assist deserving nursing students with their study, tuition and accommodation costs.

Six of these scholarships are available to eligible postgraduate nursing students annually. For more information on these and other available scholarships, visit:

- [sydney.edu.au/nursing/study/scholarships](https://sydney.edu.au/nursing/study/scholarships)



Rachel Hibbard, Master of Mental Health Nursing (2018)



# Advanced Nursing Practice and Clinical Nursing

Develop the confidence and skills to advance your nursing practice and move towards leadership roles in a range of healthcare settings.

Designed for registered nurses, this program explores the ways nurses work and practice within clinical environments. You'll gain specialist expertise and leadership skills along with the confidence to advance your clinical practice in a range of areas and progress towards senior healthcare roles.

As an advanced nursing student, you'll learn from leading clinicians and researchers in nursing practice and the study of clinical environments, allowing you to use the latest research-based evidence to inform your clinical decision-making.

## Course summary

### Master of Advanced Nursing Practice

**Duration:** 1.5 years full time or 2.5 years part time

**Credit points:** 60

**Commencing:** Semester 1

**Mode:** On campus, intensive block mode

**Availability to international students:** This course is available (full time only) to student visa holders and other eligible international students.

**IELTS:** 7.0 overall (7.0 in each band)

– [sydney.edu.au/courses/master-of-advanced-nursing-practice](https://sydney.edu.au/courses/master-of-advanced-nursing-practice)



## Staff profile

**Associate Professor Christopher Gordon**  
**Coordinator, Advanced Nursing Practice;**  
**Coordinator, Bachelor of Nursing Honours**

Associate Professor Gordon has been a registered nurse since 1990, working mainly in acute and intensive care in metropolitan and rural hospitals. He has a broad range of university and clinical teaching experience, specialising in postgraduate nursing education. His teaching interests include physiology, pathophysiology and advanced clinical practice. He is also an active researcher and the leading Australian nurse researcher specialising in sleep and chronobiology.

# Cancer and Haematology Nursing

Contribute to the improved recovery and survival of people living with cancer, and move towards a leadership position in this important field.

Cancer is the largest cause of death in Australia, as well as the largest cause of illness. This program explores opportunities to progress the development of clinical cancer and haematology nursing practice, build the profile of nurses in these areas, and meet the growing demands for advanced practitioners in cancer and haematology care.

Led by expert clinicians and researchers, it will provide you with the specialist education required to work in all areas of cancer and haematology care, while critically exploring the future trends in treatments, effective models of care and disease prevention. You will investigate the biology of cancer and haematology, associated treatments and integrated multidisciplinary management.

You will also be able to advance your capacity for clinical judgement by engaging with the complexities of practice and discipline knowledge. With its close ties to the Chris O'Brien Lifehouse, the program provides access to industry leaders and experts in cancer and haematology nursing, and enables you to contribute to the care of patients.

## Staff profile

### Shannon Philp

Course Coordinator,  
Cancer and Haematology Nursing

Ms Philp is a nurse practitioner with more than 20 years' experience in cancer nursing who works clinically at Chris O'Brien Lifehouse in gynaecological oncology. She has held several senior nursing roles, and initiated and leads Australia's first nurse-led gynaecological oncology aftercare and follow-up clinic, which provides comprehensive post-surgical and ongoing care to women with gynaecological cancer. She is also a member of the Cancer Nursing Research Unit, a consortium of Sydney Nursing School and the Sydney Local Health Network.

On completion, you will have the knowledge, skills and attributes required to develop initiatives in cancer and haematology nursing and to make a substantial contribution to healthcare policy and development.

## Course summary

### Master of Cancer and Haematology Nursing

**Duration:** 1.5 years full time or 2.5 years part time

**Credit points:** 60

**Commencing:** Semester 1

**Mode:** On campus, intensive block mode

**Availability to international students:** This course is available (full time only) to student visa holders and other eligible international students.

**IELTS:** 7.0 overall (7.0 in each band)

– [sydney.edu.au/courses/  
master-of-cancer-and-haematology-nursing](https://sydney.edu.au/courses/master-of-cancer-and-haematology-nursing)





# Emergency Nursing

Develop the skills and attributes necessary to provide sophisticated, acute and complex care to a diverse range of emergency presentations as you become a clinical leader in this exciting field.

This program will provide you with the skills to work closely with patients and families who may be confronted by injury, a sudden accident or illness, including triaging patient care, providing accurate assessments, and facilitating appropriate interventions and effective ongoing clinical management, in what is often a busy and stressful environment.

Led by clinical and research experts, it will develop your knowledge and skills to assist emergency presentations, support the patient and family at a time of great vulnerability, and assist them with their journey either to hospital admission or safe discharge.

## Course summary

### Master of Emergency Nursing

**Duration:** 1.5 years full time or 2.5 years part time

**Credit points:** 60

**Commencing:** Semester 1

**Mode:** On campus, intensive block mode

**Availability to international students:** This course is available (full time only) to student visa holders and other eligible international students.

**IELTS:** 7.0 overall (7.0 in each band)

- [sydney.edu.au/courses/master-of-emergency-nursing](https://sydney.edu.au/courses/master-of-emergency-nursing)

## Graduate timeline

### John Won

**Acting Clinical Nurse Educator (Emergency),  
Northern Sydney Local Health District**

1994–97	Bachelor of Science, Environmental Management
2003–13	Facility Manager, Windermere Aged Care
2011–12	Master of Nursing, University of Sydney
2013–18	Registered Nurse, Northern Sydney Central Coast Health
2017–18	Master of Emergency Nursing, University of Sydney
2018– present	Acting Clinical Nurse Educator (Emergency), Northern Sydney Local Health District



# Intensive Care Nursing

Develop the skills and attributes needed to provide complex care to critically ill patients and their families and move towards a leadership position in this essential field.

This program is designed to enable you to work in complex environments that often demand rapid, sophisticated and challenging decisions as you help patients and their families to understand their illness while delivering high-quality care.

Led by clinical and research experts, it will build on your existing clinical experience to support you to deliver professional care to the critically ill, assisting both patients and families to make sense of the intensive care experience and treatment plan. It will also give you the skills to work closely with patients experiencing single or multiple organ dysfunction.

## Course summary

### Master of Intensive Care Nursing

**Duration:** 1.5 years full time or 2.5 years part time

**Credit points:** 60

**Commencing:** Semester 1

**Mode:** On campus, intensive block mode

**Availability to international students:** This course is available (full time only) to student visa holders and other eligible international students.

**IELTS:** 7.0 overall (7.0 in each band)

– [sydney.edu.au/courses/master-of-intensive-care-nursing](https://sydney.edu.au/courses/master-of-intensive-care-nursing)

## Staff profile

### Associate Professor Janice Gullick

**Director of Postgraduate Advanced Studies, Intensive Care Nursing, Director, Postgraduate Advanced Studies**

Associate Professor Gullick has had a long career as a professional leader in the field of cardiac nursing, including in acute cardiology, cardiothoracic surgery, intensive care and clinical trials, and has spent many years as a clinical nurse specialist, educator and consultant. She serves on the Editorial Board of Australian Critical Care, is a member of the Agency for Clinical Innovation Cardiac Network, a Member Scholar of the International Institute of Qualitative Methodologies and a board member of the International Collaboration of Nurse Scholars (ICoNS).

## Graduate timeline

### Unaani Mani

**Advanced Practice Nurse  
(Intensive Care)**



2006–10	Bachelor of Science (Nursing Science), University of Botswana
2015	Received Australian Award Scholarship
2015–16	Master of Nursing (Intensive Care Nursing), University of Sydney
2015	Clinical Placement, RPA
2015–present	Advance Practice Nurse (Intensive Care)



# Mental Health Nursing

Develop the skills and attributes needed to extend your capacity for leadership and advanced practice in mental health nursing.

Around 12 percent of Australians report high levels of psychological distress and approximately 45 percent will experience mental disorder during their lifetime. Given the prevalence and burden of mental health issues, there is a clear need for integrated and coordinated mental health services focusing on health promotion and illness prevention.

The mental health workforce needs specialist knowledge and skills to deliver evidence-informed, recovery-focused care and to mobilise resources for people across their life in multiple contexts.

Our program has been developed to meet this need, with significant input from professional, industry and lived experience specialists.

Led by clinical, research and mental health consumer experts, you will be supported as you integrate your learning with professional experience and demonstrate the intellectual and professional growth that informs and articulates advanced mental health nursing practice.

As part of our courses you will:

- explore practice challenges and complexities in the context of current clinical and socio-political issues
- engage in collaborative inquiry and critical examination of evidence that informs practice
- develop knowledge and skills for humanistic interpersonal practice and strengthen your awareness of the significance of families and social networks for recovery
- extend your capacity to integrate recovery-focused, resource-promoting therapeutic approaches into your nursing work.

In addition to strengthening your specialist mental health nursing capabilities, you will develop skills for leadership, reflective practice, clinical decision-making, research appraisal and capacity to collaborate in interprofessional teams.

## Course summary

### Master of Mental Health Nursing

**Duration:** 1.5 years full time or 2.5 years part time

**Credit points:** 60

**Commencing:** Semester 1

**Mode:** On campus, intensive block mode

**Availability to international students:** This course is available (full time only) to student visa holders and other eligible international students.

**IELTS:** 7.0 overall (7.0 in each band)

- [sydney.edu.au/courses/master-of-mental-health-nursing](https://sydney.edu.au/courses/master-of-mental-health-nursing)







Rachel Hibbard, Master of Mental Health Nursing (2018)



## Staff profile

### Dr Andrea McCloughen

**Course Coordinator and Senior Lecturer, Mental Health Nursing**

Dr McCloughen is a credentialed mental health nurse and Fellow of the Australian College of Mental Health Nurses. She has been formally recognised by ACMHN as one of the original credentialed mental health nurses in Australia. She is an active researcher, engaged in interprofessional clinical and translational research in the areas of Open Dialogue (OD), a resource and recovery oriented approach to mental health care that is new to Australia, and emotional intelligence strategies of healthcare professionals. She leads a longitudinal qualitative study exploring OD practices in community mental health teams and another examining professional identity of staff practicing OD. She also co-leads a large mixed methods study exploring the socialisation of emotion regulation strategies in nursing students.

# Nursing (Nurse Practitioner)

Build on your experience as an advanced practice clinician and become eligible to apply for endorsement as a nurse practitioner.

Taught by interdisciplinary clinical and research experts, this program will develop your skills to become a nurse practitioner capable of working autonomously and collaboratively in a variety of healthcare settings in Australia.

Exploring the broad sociopolitical, organisational, ethical and legal contexts in which nurse practitioners work, you will learn how to use the latest research-based evidence to inform your practice and enhance your healthcare, case management and leadership skills. As part of delivering care, you will be taught the process of ordering and interpreting diagnostic investigations as well as planning and self-monitoring the initiation, titration and cessation of medicines.

This program is only available at master's level. Successful completion will make you eligible to apply for endorsement as a nurse practitioner in Australia, and give you the skills and expertise required to make a substantial contribution to future healthcare policy and direction.

## Course summary

### Master of Nursing (Nurse Practitioner)

**Duration:** 2 years full time or 3 years part time

**Credit points:** 72

**Commencing:** Semester 1

**Mode:** On campus, intensive block mode

### Availability to international students:

This course is not available to international students.

**IELTS:** 7.0 overall (7.0 in each band)

– [sydney.edu.au/courses/  
master-of-nursing-nurse-practitioner](https://sydney.edu.au/courses/master-of-nursing-nurse-practitioner)

## Staff profile

### Jacqueline Fong RN

**Course Coordinator and Lecturer; Nurse Practitioner Clinical Practice**

Ms Fong is an endorsed nurse practitioner currently working clinically in private practice. She is a member of the Australian College of Nurse Practitioners and a former member of the conference organising committee for Emergency Nurse Practitioner Education. She has a keen interest in travel medicine, obstetrics and gynaecology, with research interests in nurse practitioner prescribing practice and nurse prescribing.





# Primary Health Care Nursing

Develop the specialist knowledge and skills required to practise within complex primary healthcare settings.

With the rising incidence of complex, chronic diseases and an ageing population, the need for skilled primary healthcare nursing leaders is greater than ever. This program cultivates the skills and expertise to effectively respond to this growing need.

The program focuses on the healthcare needs of individuals, families and communities, and on the importance of providing accessible and equitable care. You will learn about chronic disease prevention and management, including relevant evidence-based decision-making processes and practices, concepts of self-management and coordinated, high-quality care.

You will be taught by leading researchers as you build on your existing clinical experience. There is an emphasis on determinants of health, community needs assessment, community participation, health promotion models, health education and health literacy and how these inform and underpin primary health care in the community.

You will also be encouraged to engage in interdisciplinary work through elective units of study and opportunities to collaborate across the University's School of Public Health and the Charles Perkins Centre.

## Course summary

### Master of Primary Health Care Nursing

**Duration:** 1.5 years full time or 2.5 years part time

**Credit points:** 60

**Commencing:** Semester 1

**Mode:** On campus, intensive block mode

**Availability to international students:** This course is available (full time only) to student visa holders and other eligible international students.

**IELTS:** 7.0 overall (7.0 in each band)

- [sydney.edu.au/courses/master-of-primary-health-care-nursing](https://sydney.edu.au/courses/master-of-primary-health-care-nursing)



## Staff profile

### Dr Susan Randall

**Course Coordinator and Senior Lecturer,  
Primary Health Care Nursing**

Dr Randall is an experienced academic who has taught extensively at both undergraduate and postgraduate level as well as supervising master's and PhD candidates. She worked at Coventry University in the UK before joining Sydney Nursing School in February 2014. Her academic career focuses on nursing in community and primary healthcare settings, including in advanced roles. She has interests in people living with chronic disease and in how to promote self-efficacy, self-management, partnership working, and equity and access to services.

# Postgraduate courses for dentists

The University of Sydney School of Dentistry has been educating dental practitioners for more than 100 years.

Undertaking a specialist postgraduate qualification with us will give you access to the latest technology, facilities and teaching laboratories, as well as teaching by expert oral health professionals and researchers.

## Why study with us?

Our postgraduate dental health programs are patient centred, evidence based, integrated with research and responsive to the changing needs of the ageing population.

Our advanced simulation clinics provide a safe environment in which to further develop your manual dexterity skills and improve your confidence to perform specialist dental procedures, ensuring a seamless transition from your studies to your dental practice.

## Integrated teaching

Our teaching clinics are situated at the Westmead Centre for Oral Health (Western Sydney Local Health District), Sydney Dental Hospital (Sydney Local Health District) and Nepean Centre for Oral Health (Nepean and Blue Mountains Local Health District).

We also partner with community clinics across New South Wales and beyond. This means you will learn from expert oral health professionals in both clinical and hospital settings and alongside a number of different healthcare professions, broadening your understanding of oral and overall systemic health.

Working in such a diverse environment will equip you with the skills to work collaboratively to achieve the best possible patient outcomes, and enable you to become a valued member of an integrated healthcare team.

# Our courses

We offer a Doctor of Clinical Dentistry, a Graduate Diploma in Clinical Dentistry, and a Graduate Certificate in Clinical Dentistry. Available specialisations include:

- Conscious Sedation and Pain Control
- Oral Implants
- Oral Medicine
- Oral Surgery
- Orthodontics
- Paediatric Dentistry
- Periodontics
- Population Oral Health
- Prosthodontics
- Special Needs Dentistry
- Population Oral Health (offered through the Master of Public Health).

All streams of the Doctor of Clinical Dentistry prepare you for a career at specialist level in your preferred field, and provide a foundation to pursue a career in research and/or clinical academic positions.

## Admission requirements

To be admitted to one of our postgraduate dentistry programs, you must hold a qualification recognised by the Dental Board of Australia and have at least two years of general dental practice experience. More specific admission criteria apply to individual programs. For more information, visit:

- [sydney.edu.au/courses](https://sydney.edu.au/courses)



# Postgraduate courses for pharmacists

Advance your pharmacy career with the pharmacy school that's ranked among the world's top 20.\*

The University of Sydney School of Pharmacy is one of the world's leading centres for pharmacy education and enjoys an outstanding national and international reputation for research and innovation. Take the next step in your career with a postgraduate degree from the Sydney Pharmacy School.

## Why study with us?

With more than 100 years' experience delivering world-class professional pharmacy education, we've earned our outstanding international reputation for innovative, research-led pharmacy programs that will give you a competitive edge throughout your career.

Our wealth of expertise and experience is unrivalled. You will learn from industry experts and leading academics, use the latest facilities and be exposed to a range of modern clinical settings.

Whether you are an established registered pharmacist looking to further develop your skills, just beginning your career as a pharmacist, or planning to contribute to research or academia, our postgraduate pharmacy programs will ensure you will be in demand in your chosen field.

## Flexibility

All of our specialist postgraduate courses are available part time, and most units of study are available online, allowing you to balance your studies with your work and other commitments.

## A unique professional network

From the moment you join us you will be part of a lively, welcoming community. The Sydney University Pharmacy Association is one of the largest student societies on campus, and organises a wide range of relevant academic and professional activities. Membership also gives you membership of the National Australian Pharmacy Students Association. On graduation you will automatically become a member of the University of Sydney Pharmacy Alumni Association, gaining access to a large professional network to support you throughout your career.



# Our courses

## Graduate Certificate in Evidence-Based Complementary Medicine

This course is ideal for pharmacists who want to cultivate the skills to deliver high-quality, patient-centred care involving complementary medicines.

It has been specifically developed to equip pharmacists with the knowledge and skills required to provide evidence-based information about the efficacy and safety of complementary medicines, including drug-herb and drug-nutrient interactions.

The course is taught by leading experts in complementary medicines, and provides both theoretical and clinically applicable knowledge and skills. It is primarily delivered online, and can be completed part time over one year. It consists of four units of study, including a capstone project.

You will learn how to identify reliable and reputable information resources relating to the efficacy and safety of complementary medicines commonly used in the management of disease and the maintenance of health. You will also learn how to translate this information into day-to-day, evidence-based practice.

The course is underpinned by a multiprofessional, collaborative approach that is patient-centred and focuses on the integration of complementary medicines into overall health care.

### Course summary

**Duration:** 1 year part time

**Credit points:** 24

**Commencing:** Semester 1 or 2

**Mode:** Online

**Availability to international students:** This course is not available to student visa holders. It is available online to eligible international students.

**IELTS:** 6.5 overall (6.0 in each band)

- [sydney.edu.au/courses/graduate-certificate-in-evidence-based-complementary-medicines](https://sydney.edu.au/courses/graduate-certificate-in-evidence-based-complementary-medicines)

## Graduate Certificate in Pharmacy Practice

This course is designed for pharmacy interns seeking registration, and for registered pharmacists looking to enhance their professional skills.

Across the healthcare system, highly skilled and knowledgeable pharmacy professionals are prized assets. This is the only tertiary education program of its kind in New South Wales, providing you with the professional skills that will give you a competitive advantage in the industry.

The course is available through two pathways:

- **Intern Training Program (ITP) pathway**  
For pharmacy interns, this pathway provides the training, experience and education required for professional registration as a pharmacist in Australia. You will complete the required number of hours of supervised practice in a workplace setting of your choice to gain essential skills and clinical experience.
- **Registered pharmacists pathway**  
This pathway is for registered pharmacists who are looking to develop exceptional clinical and professional skills relevant to contemporary practice in Australia, and gain a competitive advantage in the industry.

### Course summary

**Duration:** 2 years part time

**Credit points:** 24

**Commencing:** Semester 1 or 2

**Mode:** Online, with face-to-face intensive workshops

**Availability to international students:** This course is available commencing Semester 1 only to international students completing a Bachelor of Pharmacy or Master of Pharmacy degree with the school who are eligible for an appropriate visa. It is not available to student visa holders.

**IELTS:** 7.0 overall (6.5 in each band)

- [sydney.edu.au/courses/graduate-certificate-in-pharmacy-practice](https://sydney.edu.au/courses/graduate-certificate-in-pharmacy-practice)



# Postgraduate courses for diagnostic radiographers



Further your professional education based on the latest research to optimise patient care.

The rapid evolution of medical imaging technology calls for experts to develop and apply optimised imaging techniques to advance diagnostic efficacy. Equipped with the latest technical expertise and enhanced research skills, you will be poised to lead the next generation of medical imaging applications and research.

## Why study with us?

Tailored to meet the needs of working professionals, our technologically sophisticated programs in diagnostic radiography are delivered entirely online, so you can study at your own pace from anywhere in the world.

### Master of Medical Imaging Science

This program develops your technical expertise as well as research engagement. You'll develop the skills necessary to deliver and advance high-quality evidence-based practice across the medical imaging sciences and within your field.

Taught by leading experts, this program is ideal for recent medical radiation science graduates and also for medical professionals already working in the field who wish to advance their knowledge and skills.

You can choose one or two of the following specialisations:

- Breast Imaging
- Computed Tomography
- Hybrid Imaging
- Magnetic Resonance Imaging
- Radiographic Image Interpretation
- Research Studies.

## Course summary

### Degrees available:

- Master of Medical Imaging Science

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

**Credit points:** 72

**Commencing:** Semester 1 and 2

**Mode:** Distance/off-campus

**Availability to international students:** Available by distance/online mode to eligible international students. Not available to student visa holders.

**IELTS:** 6.5 overall (6.0 in each band)

- [sydney.edu.au/courses/master-of-medical-imaging-science](https://sydney.edu.au/courses/master-of-medical-imaging-science)

# Other postgraduate courses in medicine and health

We offer several other specialist courses for current or aspiring healthcare professionals.

## Master of Science in Medicine

The following specialist postgraduate programs are also available to health professionals without a medical degree in the form of a Master of Science in Medicine.

- Clinical Neurophysiology
- General Practice and Primary Health Care
- Infection and Immunity
- Metabolic Health
- Ophthalmic Science
- Pain Management
- Pharmaceutical and Medical Device Development
- Psychotherapy
- Sexual and Reproductive Health
- Sleep Medicine.

For details on the content of each of these programs, see the relevant section in this guide.

Most of these programs are also available at the level of a graduate certificate or graduate diploma.

## Interdisciplinary programs

The Faculty of Medicine and Health offers three interdisciplinary postgraduate courses taught in conjunction with other University of Sydney faculties.

### Master of Health Communication

Combining the expertise of the Department of Media and Communications with the resources of the School of Public Health, this program gives you the skills to become an effective communicator across health and medicine, public affairs, public relations, community relations and journalism.

The program is designed for aspiring and experienced communicators, health advocates, media and public relations specialists and healthcare professionals. It develops your skills in the communication of public health campaigns and policy; creation of public education programs to increase healthcare literacy; and advocacy and awareness-raising of health issues.

- [sydney.edu.au/courses/master-of-health-communication](https://sydney.edu.au/courses/master-of-health-communication)

### Master of Health Security

Delivered in conjunction with the Faculty of Arts and Social Sciences, this intellectually rigorous, flexible, multidisciplinary program will teach you to manage complex health events and their social and economic consequences, drawing on diverse areas of study including health sciences, medicine, nursing, public health, agriculture, political science, law and business.

The program addresses the challenge of responding to adverse health events covering emerging diseases (animal, plant and human); laboratory safety and regulation (biosafety); biodefence; quarantine and border control; and planetary health; as well as new challenges such as synthetic biology.

- [sydney.edu.au/courses/master-of-health-security](https://sydney.edu.au/courses/master-of-health-security)

### Master of Health Technology Innovation

Healthcare solutions are increasingly dependent on the innovative use of modern technologies. This program draws on the expertise of the Faculty of Engineering and Information Technologies to help you bridge the gap between technical and clinical arenas by working alongside engineers, IT specialists and health professionals on multidisciplinary projects at the University's Charles Perkins Centre.

You will be taught by leaders in health, engineering and technology from across the University and its extensive network of hospitals and healthcare facilities.

- [sydney.edu.au/courses/master-of-health-technology-innovation](https://sydney.edu.au/courses/master-of-health-technology-innovation)

# Postgraduate courses in public health

sydney.edu.au

Postgraduate education for healthcare professionals

Study with Asia-Pacific's top-ranking school of public health. Whether you have a health or a non-health background, the University of Sydney's School of Public Health will help you develop your expertise to make a positive contribution to the health and welfare of individuals and the broader community through high-level strategy and management.

## Why study with us?

Our performance in national and international rankings reflects our reputation. We are ranked:

- 1st in the Asia-Pacific region and 18th in the world for public health in the 2017 Academic Ranking of World Universities
- 18th in the world for medicine in the 2018 QS World University Rankings by Subject
- 5 (the highest rating) in the Excellence in Research for Australia rankings for medical and health sciences and for public and health services.

Our programs are developed and taught by leading clinicians, academics and researchers with outstanding reputations for high-quality teaching and research. We have strong relationships with national and international governments and other organisations, enabling us to provide real-world educational experiences and opportunities.

We provide you with an awareness and understanding of international health issues and the skills and experiences to work in a variety of settings around the world to have a genuine impact on public health.

## Flexible study options

We offer programs at master's, graduate diploma and graduate certificate level, allowing you to study at your own pace and to the level of your choice.

Most of our courses can be studied part time or full time, online, evenings or in intensive mode, allowing you to progress your studies alongside your career.



The University of Sydney

# Our courses

## Bioethics

This program will develop your skills to critically assess and respond to complex ethical questions within the contexts of biological and health sciences, no matter what area of health care you work in. It will help you to broaden your knowledge, add value to your career or change your career path.

- [sydney.edu.au/courses/master-of-bioethics](https://sydney.edu.au/courses/master-of-bioethics)

## Biostatistics

Biostatistics can be used to show the most effective treatment in the spread of disease, or determine risk factors in genetic inheritance and mutation. This program covers areas such as the design of randomised controlled trials, categorical data and generalised linear models, survival analysis, and longitudinal and correlated data analysis.

- [sydney.edu.au/courses/master-of-biostatistics](https://sydney.edu.au/courses/master-of-biostatistics)

## Clinical Epidemiology

This program develops the capabilities of clinical researchers and practitioners to generate high-quality research and to identify, interpret and evaluate evidence to improve patient outcomes. It will teach you how to integrate theory and research into your day-to-day clinical work.

- [sydney.edu.au/courses/master-of-medicine-clinical-epidemiology](https://sydney.edu.au/courses/master-of-medicine-clinical-epidemiology)

## Global Health

Previously International Public Health, our new Global Health program prepares graduates to improve the health of populations in a global context.

The specific focus of this program is on achieving health equity for people worldwide and on applying public health principles in some of the most challenging and demanding conditions in the world. With students coming from all over the world, you will share experiences and learn from your peers as well as your teachers.

- [sydney.edu.au/courses/master-of-global-health](https://sydney.edu.au/courses/master-of-global-health)

## Health Policy

This program is designed for health practitioners who are interested in learning more about how health priorities are set, and who wish to gain a broader understanding of health systems. You will develop a comprehensive practical understanding of policymaking, including economic evaluation, health financing and budgets, politics and agenda setting, and the critical use of evidence.

- [sydney.edu.au/courses/master-of-health-policy](https://sydney.edu.au/courses/master-of-health-policy)

## Indigenous Health Promotion

This program is for Aboriginal and/or Torres Strait Islander health workers who either already have a role in promoting the health of their communities or who wish to gain skills and experience in this field. It focuses on improving Indigenous health at community level by identifying community needs and strengths, developing a plan of action and putting it into practice.

- [sydney.edu.au/courses/graduate-diploma-in-indigenous-health-promotion](https://sydney.edu.au/courses/graduate-diploma-in-indigenous-health-promotion)

## Public Health

Updated for 2019, this program focuses on the prevention of illness and the promotion of health, aiming to develop the essential knowledge and skills of practitioners in the practice of public health, including the effective management of community health problems to improve conditions and outcomes. The program now offers greater flexibility than ever, allowing you to specialise in your chosen field while undertaking a diverse range of professional placements.

- [sydney.edu.au/courses/master-of-public-health](https://sydney.edu.au/courses/master-of-public-health)

# Postgraduate research in medicine and health

The research we do today is the healthcare of tomorrow. At the University of Sydney, we are committed to tripling our investment in research by 2020 in order to change the way we think about the world and how we live and work in it.

We are one of the world's top research universities and a member of Australia's prestigious Group of Eight and the Association of Pacific Rim Universities. The latter partners us with others that excel in research, including Stanford, UCLA, Shanghai Jiao Tong University and the University of Hong Kong.

Our research is shaped by the big picture. We examine real-world problems from all angles, combining the expertise and talents of scholars from many disciplines.

This collaborative spirit drives our multidisciplinary research centres, including several dedicated to deepening our understanding of China and Southeast Asia, and to increasing Australia's engagement in these regions.

We are home to more than 90 research and teaching centres, and we have a proud track record of consistent excellence. The Australian Government ranked all of our research at world standard or above in its latest Excellence in Research for Australia ratings.

– [sydney.edu.au/research](http://sydney.edu.au/research)



## Staff profile

### Professor Joshua Burns

**Associate Dean, Professor of Paediatric Neuromuscular Rehabilitation; Director, Paediatric Gait Analysis Service of NSW, Sydney Children's Hospital Network (Randwick and Westmead)**

"Movement disorders such as cerebral palsy affect 34,000 Australians from birth.

"I conducted the first study investigating non-surgical treatments for childhood Charcot-Marie-Tooth disease. This neuromuscular disorder affects 1 in 2500 people in Australia. Onset occurs during adolescence and early adulthood.

"I believe that every child has the fundamental right to run, skip and play. Over the next five years, my teams of clinicians, scientists and students will pioneer muscle-building therapies to get millions of children back on their feet."



## Why do research with us?

Embarking on a research degree at the University of Sydney is an opportunity to work alongside some of the world's brightest and most accomplished academics. We have the drive to challenge traditional ways of thinking, and you will have the support you need to contribute to research that makes a meaningful, real-world impact and changes lives.

We offer exceptional facilities, including the latest innovative technology across the physical, medical, life and engineering sciences, the humanities and social sciences. We are also investing in major new facilities to support collaboration and partnerships with researchers from diverse disciplines who are tackling society's most challenging problems.

## Our research strengths

Our research strengths span the spectrum from fundamental science to clinical medicine and public health. We are home to some of the world's most cited researchers, including research that has informed policy and practice in Australia and internationally.

Undertaking a research degree in medicine or health at the University of Sydney is an opportunity to make a real difference in the health of individuals and communities globally. You will work alongside leading academics to turn your ideas into reality.

## Our research degrees

We offer higher degrees by research in more than 30 major areas, including the following.

### Medicine

- Cancer
- Infectious disease and lifespan health
- Neuroscience and mental health
- Obesity, diabetes and cardiovascular disease

### Nursing

- Cancer
- Chronic disease and ageing
- Infection and immunity
- Injury and acute illness
- Mental health

### Dentistry

- Ageing well, ageing productively
- Chronic disease
- Lifespan oral health

### Pharmacy

- Cancer
- Cardiovascular disease and diabetes
- Health services and patient safety
- Mental health
- Respiratory and infectious disease

### Public Health

- Ageing
- Chronic kidney disease
- Communication and choice
- Environment and climate
- Ethics and values
- Global public health nutrition
- Musculoskeletal health
- Prevention
- Primary healthcare
- Sustainability

### Health Sciences

- Aboriginal and Torres Strait Islander health
- Cancer diagnosis and rehabilitation
- Communication sciences and disorders
- Disability and mental health
- eHealth and health service delivery
- Medical imaging
- Musculoskeletal health
- Physical activity, lifestyle, ageing and wellbeing

# How to apply

We welcome you to join our community of outstanding local and international students.

## Step 1: Check admission criteria

Make sure you meet the minimum admission criteria for your chosen course. For details, search for your course at:

- [sydney.edu.au/courses](https://sydney.edu.au/courses)

## Step 2: Check language requirements

If English is not your first language, you will need to provide evidence of minimum English language proficiency in one of the following ways.

- Evidence of successfully completed recognised tertiary studies in which the language of the institution and of instruction, examination and assessment was English (conditions apply).
- Evidence of a successfully completed English proficiency test, with results as required by each course.

English language requirements vary by course.

For specific requirements, search for your course at:

- [sydney.edu.au/courses](https://sydney.edu.au/courses)

For more information about English language requirements, visit:

- [sydney.edu.au/study/english-reqs](https://sydney.edu.au/study/english-reqs)

## Step 3: Submit your application

Submit your application online with all required documentation directly to the University via the relevant course webpage. For specific deadlines and application criteria, search for your course at:

- [sydney.edu.au/courses](https://sydney.edu.au/courses)

## More information

For details about our courses, requirements and processes, visit:

- [sydney.edu.au/medicine-health](https://sydney.edu.au/medicine-health)

# Upskill through a non-degree unit of study

Develop skills in a specific area without enrolling in a full course of study.

## Individual units of study

You can undertake almost any unit of study offered in our postgraduate courses individually as a non-degree unit of study. These can be credited towards a future degree at the University (within two years of completion).

Some are recognised by professional bodies and earn continuing professional development (CPD) points.

Whether you are a student or practising professional, individual units of study are a flexible and useful option.

Units in 2019 include:

- Cardiology
- Diabetes Management
- Diagnostic EEG
- Drugs and Devices: R & D to Registration
- Intraoperative Monitoring I and II
- Introduction to Pain Management
- Point of Care Ultrasound (ASUM-accredited)
- Regional Dissection
- Variations in Sexual Function.

## Short courses

You can also undertake a wide range of short courses designed for working health professionals across a range of disciplines.

### Medicine

Sydney Medical School offers a wide range of high quality professional development courses to help you stay up to date, and develop and broaden your skills and knowledge.

Courses offered include:

- Intraoperative Neuromonitoring
- Laparoscopic Appendicectomy and Cholecystectomy
- Multiple Mini-Interviews (General Practice)
- Situational Judgment Tests (General Practice)
- Ultrasound in Trauma Surgery
- United States Medical Licensing Examination (USMLE).

For more information visit:

- [sydney.edu.au/medicine/study/short-courses/](https://sydney.edu.au/medicine/study/short-courses/)

### Dentistry

Continuing Education in Dentistry was established in 1947 and is dedicated to meeting the continuing education needs of dental practitioners. We provide an extensive range of independent, clinical and evidence-based courses and conferences throughout Australia.

Course areas offered include:

- Endodontics
- General Dentistry
- Hygiene & Therapy
- Implants
- Oral Surgery
- Orthodontics
- Periodontics
- Prosthodontics.

For more information visit:

- [sydney.edu.au/dentistry/ce/](https://sydney.edu.au/dentistry/ce/)

Take the next step in your career by undertaking a specialist postgraduate degree at the University of Sydney.

**[sydney.edu.au/medicine-health/specialist-pg-degrees](https://sydney.edu.au/medicine-health/specialist-pg-degrees)**

## **Keep in touch**

We run course information sessions – including webinars and face-to-face sessions with course coordinators – across our portfolio of postgraduate courses.

For details, visit  
**[sydney.edu.au/medicine-health/events](https://sydney.edu.au/medicine-health/events)**