Graduate medicine and health programs
Forest Stewardship Council (FSC®) is a globally recognised certification overseeing all fibre sourcing standards. This provides guarantees for the consumer that products are made from well-managed forests, other controlled sources and reclaimed material with strict environmental, economical and social standards.
Where will postgraduate study lead you? ............2
Postgraduate coursework options ..................5

Health sciences
Why study health sciences with us? ............... 6
Diagnostic Radiography ............................ 8
Exercise Physiology .................................. 9
Occupational Therapy ................................ 10
Physiotherapy ........................................ 11
Rehabilitation Counselling .......................... 12
Speech Language Pathology ........................ 13

Medicine and public health
Why study medicine and public health with us? ... 14
Bioethics ................................................ 16
Biostatistics ............................................. 17
Brain and Mind Sciences ............................. 18
Clinical Epidemiology ............................... 19
Clinical Neurophysiology ............................ 20
Clinical Trials Research .............................. 21
Genetic Counselling .................................. 22
Health Policy .......................................... 23
HIV, STIs and Sexual Health ........................ 24
Infection and Immunity .............................. 26
International Public Health ......................... 27
Pain Management ..................................... 28
Pharmaceutical and Medical
Device Development .................................. 29
Public Health .......................................... 30
Doctor of Medicine .................................... 32
Professional medical education .................... 33

Nursing
Why study nursing with us? ......................... 34
Master of Nursing (Graduate Entry) ................. 35

Pharmacy
Why study pharmacy with us? ...................... 36
Master of Pharmacy .................................. 38
Graduate Certificate in Evidence-Based
Complementary Medicines ......................... 39

Dentistry
Why study dentistry with us? ....................... 40
Doctor of Dental Medicine ........................ 41

Other health courses ............................... 42
Our courses at a glance ............................ 44
How to apply ......................................... 47
Fees and costs ........................................ 48
Important dates ..................................... 49
Where will postgraduate study lead you?

Whether you want to gain new professional qualifications, change your career direction or pursue a personal ambition, the University of Sydney will steer you to places you never imagined.

Our coursework and research degrees offer far more than knowledge. You’ll join leading thinkers to challenge the known and explore the unknown, in a stimulating environment that encourages both learning and networking. To support research and teaching excellence, we are investing in the latest innovative technology and exceptional facilities.

The University’s people drive our greatest feats. We give you access to leading lecturers, research supervisors, industry networks, research and teaching centre staff from Australia and worldwide across many disciplines. Our regular ranking in the top 50 universities worldwide reflects our outstanding reputation.*

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

* QS World University Rankings 2016-17
** QS Graduate Employability Rankings 2017

Why study health with us?

Studying a health degree at the University of Sydney equips you with the leadership capabilities, clinical skills and human understanding to make a big difference to the lives of individuals and communities.

University of Sydney students and researchers come from diverse backgrounds to engage in active debate, innovate, learn and discover.

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

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

The University of Sydney attracts some of the best students in Australia. 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 academic endeavours. To support these goals we provide an exciting and stimulating learning and teaching environment.

“Doing the Master of International Public Health has led to a whole new world of career opportunities outside working in a hospital with patients. The program allowed me to gain skills within research doing high-level analysis. These skills enabled me to go from working as a registered nurse doing clinical work to working with board members to help make decisions that will ultimately impact the lives of patients.”

“Through my studies, I had the opportunity to intern at the World Health Organization in Geneva, Switzerland. I worked with world leaders who are making decisions about how health services are delivered and improved globally.”

Carrie Kassian
Master of International Public Health
Seven reasons to study health with us

1. **Global outlook**
Join an influential community of students, staff and alumni who lead and shape healthcare delivery around the world. As a student, you can undertake clinical placements in many parts of the world, including Nepal, Vietnam, Israel, Sweden, Singapore and Timor-Leste.

2. **Leading clinical partners**
Gain real-world, hands-on training through clinical placements within our extensive network of top-tier hospitals and primary and community healthcare facilities across metropolitan, regional and rural NSW.

3. **Experts**
Learn from highly respected researchers, practitioners and clinicians who are dedicated to teaching the next generation of leaders.

4. **A close-knit, supportive community**
In this large and diverse university, we ensure you get the support you need to succeed in your studies.

5. **Multidisciplinary focus**
We prepare graduates with specialist and generalist healthcare knowledge and skills. The changing healthcare system needs workers who understand the bigger picture and know that solutions often require health professionals working together.

6. **Cutting-edge facilities**
Learn in our advanced simulation laboratories and use high-calibre equipment across our dedicated health facilities.

7. **Research strength**
At the University we are tripling our investment in research by 2020 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, 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.

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

We are pioneering new research that directly feeds into the courses we teach and improves patient care worldwide. We look at real-world problems from all angles, combining the expertise and talents of scholars from many disciplines.

By studying alongside these researchers, and in many cases contributing to their work, you will be exposed to excellence, and challenged to succeed as a leader in whatever field you choose.

— sydney.edu.au/research
Choose your career path

Our graduates help people directly, or make big picture improvements to healthcare treatments, processes and systems. There are diverse and growing opportunities for you as a qualified health professional.

Growing areas, great opportunities

In Australia, the health sector makes up about 10 percent of the workforce. This figure grows every year, so your career prospects are excellent.

As a health graduate, you will be at the forefront of unprecedented global challenges in healthcare. These challenges are driven by changing population demographics, technological developments, inequality of access to services and the rise of new infectious diseases and chronic diseases such as cardiovascular disease, obesity and diabetes.

Flexible careers

Health professionals work in teams, support each other and work together to find the best outcomes for patient care.

With access to teaching and research across all the health professions, you will gain unique perspectives and experiences to prepare you for a diverse range of careers in healthcare, both in Australia and abroad.

Flexible work practices, such as changing hours or patterns of work, are often also available.
Postgraduate coursework options

Master’s degrees
These are ideal if you need specialised knowledge and skills, and want to take the next step in your career. You can gain professional qualifications for your next job, upskill for your current role, develop academic expertise in your chosen field, and expand your horizons.

Master’s degrees typically require between one and two years of full-time study (or two to four years part time).

If you can’t commit to a full-time master’s degree straight away because of, say, family or work commitments, we also offer the flexibility of part-time study for domestic students. − sydney.edu.au/study/flexible

Graduate diplomas and graduate certificates
Graduate diplomas and graduate certificates are usually based on master’s degrees and offer a subset of the master’s units. They are an alternative worth considering if you want to try out postgraduate study, increase the breadth of your expertise and knowledge, or you don’t quite meet the entry requirements for a master’s degree.

Once you finish the graduate certificate (usually six months of full-time study) you may then be able to progress to the equivalent graduate diploma (usually one year full time) and a master’s degree (see the progression diagram below as a guide – please note that progressions requirements can vary).

A graduate certificate or diploma is also an excellent option if you don’t want to commit to a full master’s, but still need a solid grounding in your chosen field.

Short courses
If you are not sure about studying a full degree at the University or are interested in professional development, you can choose to take a single unit of study in a ‘non-award’ course.

We offer hundreds of units of study across selected faculties, including many that you can use to earn continuing professional development (CPD) points or explore subjects of general interest.

You will receive an official academic transcript at the end of your studies, and may be able to use it to request credit for a longer course, such as a master’s degree, at the University. − sydney.edu.au/study/short-courses
Why study health sciences with us?

As Australia’s largest health sciences research and teaching institution, the Faculty of Health Sciences brings together the brightest and most inquisitive minds to tackle the big issues in health.

Research strengths

Our health science researchers are dedicated to finding unique solutions and breakthroughs that improve and transform lives.

Our research focuses on:
- cancer diagnosis and rehabilitation
- communication sciences and disorders
- disability and mental health
- musculoskeletal health
- physical activity, lifestyle, ageing and wellbeing.

Cross-cutting themes:
- eHealth and health service delivery
- medical imaging
- Aboriginal and Torres Strait Islander health.

Our research achievements

Our work has had a profound impact on the health and wellbeing of individuals, families and communities throughout the world. Our researchers have:
- changed clinical practice by developing new treatments
- improved understanding of the prevention and diagnosis of disease
- developed strategies for rehabilitation after illness or injury
- broadened understanding of the influence of physical activity and personal interactions on health and wellbeing
- influenced government policy on health and social issues.

Learn more about our research:
- sydney.edu.au/health-sciences/research

Placements in clinical and workplace settings

Workplace-based education is an important part of the overall student learning experience at the Faculty of Health Sciences. Depending on your degree, you may spend between 25 and 40 percent of your total course hours in clinical or workplace-based educational activities, allowing you to learn in real-life settings.

The clinical or workplace-based education component of most courses increases as you progress in your degree. These supervised practice experiences help you to develop the professional skills, knowledge and behaviour needed in future employment.

In most courses you will be required to undertake at least one placement outside Sydney.
- sydney.edu.au/health-sciences/placements
International experience

The Faculty of Health Sciences offers invaluable opportunities to work on community projects with non-government organisations (NGOs) and other development agencies in South and Southeast Asia as part of your degree.

Our FHS Abroad program offers first-hand experience of the international context of health, including global health priorities, systems, beliefs and their impact on individuals and communities. You will select a placement of personal and professional interest, then work alongside a local NGO that provides services related to health, disability, rehabilitation or community wellbeing.

Access to some scholarships and other forms of financial assistance may be available.

- sydney.edu.au/health-sciences/fhs-abroad

Mentoring

Belong@FHS is the Faculty of Health Sciences’ peer-mentoring program for students in our coursework degrees. It’s a supportive initiative that combines advice sessions and social events.

- sydney.edu.au/health-sciences/belong-mentoring

The Alumni Mentoring program connects students with alumni from the same discipline to offer advice on career opportunities and guidance on transition into the workplace.

- sydney.edu.au/health-sciences/alumni-mentoring

Designed for students with leadership aspirations and potential, who are in their final year of study, the Leadership Mentoring Program provides mentoring from leaders in the private or public sector.

- sydney.edu.au/health-sciences/leadership-mentoring

Leadership

All students enrolled in Faculty of Health Sciences courses have the opportunity to participate in Sydney Health Leaders, a workshop and seminar series to develop their leadership skills.

- sydney.edu.au/health-sciences/sydney-health-leaders

Campus life

The Faculty of Health Sciences is based at our Cumberland Campus in Lidcombe – a great environment to think, learn and get to know your fellow students.

In 2019, the faculty is scheduled to move to a purpose-built health precinct at the University of Sydney’s Camperdown Campus.

Dedicated resources

The Cumberland Campus includes many purpose-built laboratories, on-site health clinics and high-end equipment that supports students’ learning experiences and our pioneering research. The whole campus is dedicated to the health sciences, providing you with an ideal learning base for your professional development.

The Health Sciences Library is a great place to study, with a collection of 80,000 books, DVDs and about 1000 journals as well as extensive online resources.

“The best part of the FHS Abroad experience was the constant challenge of engaging in a completely different cultural environment. As a future healthcare worker, this trip enabled me to further develop my abilities to perform more culturally appropriate practices.”

Alise Kha
FHS Abroad participant
Diagnostic Radiography

Diagnostic radiographers are qualified health professionals who use a range of modalities to provide images and data for the diagnosis and treatment of an injury or disease.

The Master of Diagnostic Radiography will set you on a career path to work on the frontline of 21st century healthcare, using innovative imaging technologies to support accurate diagnoses and treatment options for patients.

Professional accreditation
Graduates are eligible for provisional accreditation with the Medical Radiation Practice Board of Australia. All graduates need to complete a 12-month internship period (Supervised Practice Program) in an approved hospital or practice before full accreditation is granted.

Admission requirements
To be eligible to apply, you need a recognised bachelor’s, master’s or research degree with a minimum GPA of 4.5 out of 7.0 which is an approximate Weighted Average Mark (WAM) of 60 percent. This does not guarantee an offer, as places are limited and offers are based on academic merit.

Course summary: Master of Diagnostic Radiography
Duration: 2 years full time
Total credit points required: 96
Commencing: March
Mode: on-campus
IELTS: 7.0 overall (a minimum of 6.0 in reading and listening and 6.5 in speaking and writing)

− sydney.edu.au/courses/
  master-of-diagnostic-radiography

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<td>Clinical Studies Radiography 1</td>
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<td>Foundations of Healthcare Practice</td>
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<td>Simulation and Interprofessional Learning</td>
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<td>Evidence-Based Healthcare</td>
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<td>Medical Radiation Science Radiography 2</td>
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<td>Medical Radiation Science Radiography 3</td>
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<td></td>
<td>Advanced Practice in MRS</td>
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</table>
Our Master of Exercise Physiology aims to change this statistic by giving you the knowledge, competencies and clinical experience required to deliver safe and effective clinical exercise practice that has real impact on people’s health.

**Professional accreditation**
The course provides the 500 hours of clinical training you need to be eligible for accreditation as an exercise physiologist by Exercise and Sports Science Australia (ESSA).

**Admission requirements**
To be eligible to apply, you need a recognised bachelor’s, master’s or research degree with a minimum GPA of 4.5 out of 7.0 which is an approximate Weighted Average Mark (WAM) of 60 percent. This does not guarantee an offer, as places are limited and offers are based on academic merit.

You also need to show evidence of pre-existing knowledge in the following five areas:
- Human anatomy
- Human or exercise physiology
- Biomechanics/physics
- Psychology/behavioural Science
- Research design and statistics.

For a list of approved degrees that meet the pre-existing knowledge requirements and further information, visit the course webpage.

**Course summary: Master of Exercise Physiology**
- **Duration:** 2 years full time
- **Total credit points required:** 96
- **Commencing:** March
- **Mode:** on-campus
- **IELTS:** 7.0 overall (minimum 7.0 in each band)
  - sydney.edu.au/courses/master-of-exercise-physiology

**Course progression**

<table>
<thead>
<tr>
<th>Units of study</th>
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<tbody>
<tr>
<td>Year 1</td>
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<tr>
<td>Exercise Metabolism and Physiology</td>
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<td>Human Motor Learning and Control</td>
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<td>Principles of Exercise Programming</td>
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<td>Professional Practice 1</td>
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<tr>
<td>Exercise Throughout the Lifespan</td>
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<td>Advanced Exercise Programming</td>
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<tr>
<td>Clinical Biomechanics</td>
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<td>Professional Practice 2</td>
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<td>Year 2</td>
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<tr>
<td>Exercise for Musculoskeletal Conditions</td>
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<tr>
<td>Nutrition and Pharmacology</td>
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<tr>
<td>Clinical Exercise Science Case Studies 1</td>
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<tr>
<td>Practicum 1</td>
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<tr>
<td>Clinical Exercise Science Case Studies 2</td>
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<td>Practicum 4</td>
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Some units of study each semester are taught by academic staff at the Charles Perkins Centre.

Please note: admissions criteria for this course are subject to change. For the most up-to-date information, refer to: sydney.edu.au/courses/master-of-exercise-physiology

Chronic diseases such as diabetes and obesity account for about 70 percent of illnesses experienced by Australians, and this is expected to increase to almost 80 percent by 2020.
Occupational Therapy

Occupational therapists help people to participate more fully in everyday life by focusing on their strengths.

Professional accreditation
Accredited by Occupational Therapy Australia, and the World Federation of Occupational Therapists, the Master of Occupational Therapy qualifies you to practise in Australia and internationally. It is recognised by the Australian Health Practitioner Regulation Agency, allowing you to work in any Australian state or territory. To practise in other countries, you will need to meet any registration requirements applicable in those countries.

The course includes 1000 hours of clinical placement to meet professional requirements. This can be completed in a variety of locations throughout NSW. Placements are often scheduled during vacation periods outside of semester times, and may be located outside of the Sydney area.

Admission requirements
To be eligible to apply, you need a recognised bachelor’s, master’s or research degree with a minimum GPA of 4.5 out of 7.0 which is an approximate Weighted Average Mark (WAM) of 60 percent. This does not guarantee an offer, as places are limited and offers are based on academic merit.

Note: If you have not completed prior study at an appropriate level in human anatomy or psychology, you will need to select the relevant units in your enrolment in order to meet accreditation requirements for professional registration.

Course summary: Master of Occupational Therapy
Duration: 2 years full time/4 years part time
Total credit points required: 96
Commencing: March
Mode: on-campus
IELTS: 7.0 overall (a minimum of 7.0 in each band)
- sydney.edu.au/courses/master-of-occupational-therapy

Course progression

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<thead>
<tr>
<th>Units of study</th>
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<tr>
<td>Year 1&lt;br&gt;Assessing Evidence for OT Practice</td>
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<td>OT Assessment and Planning</td>
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<tr>
<td>Introduction to OT Theory and Practice</td>
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<td>Core electives&lt;br&gt;- Psychology for Graduate Students</td>
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<td>- Clinical-Oriented Musculoskeletal Anatomy A</td>
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<td>- Clinically Based Neuroscience</td>
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<td>- Health for Allied Health Professionals</td>
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<td>- Healthcare Systems</td>
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<td>Biomechanical and Sensorimotor Strategies</td>
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<td>OT in Home and Community Environments</td>
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<td>OT in School and Work Environments</td>
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<tr>
<td>Developing OT Professional Skills in Practice</td>
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<tr>
<td>Year 2&lt;br&gt;Psychosocial and Cognitive Strategies</td>
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<tr>
<td>Enabling Occupation with Communities and Populations</td>
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<td>Community Based OT Fieldwork</td>
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<tr>
<td>Elective&lt;br&gt;Research project elective or choose a unit of study available throughout the university, subject to approval</td>
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<td>Implementing Skills in OT Professional Practice</td>
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<td>Evaluation of OT Practice</td>
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<tr>
<td>Reflexivity and OT Professional Practice</td>
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Physiotherapy

Physiotherapists use a range of drug-free techniques to help their patients treat or prevent injuries and disease, maintain fit and healthy bodies, and prepare for and recover from surgery.

With a focus on patient-centred care, physiotherapy involves the application of highly developed clinical reasoning skills to assess, diagnose and treat movement problems caused by a variety of joint, muscle, nerve and metabolic disorders.

Professional accreditation
The Master of Physiotherapy is accredited by the Australian Physiotherapy Council (APC) and recognised by the Australian Health Practitioner Regulation Agency (AHPRA). This allows our graduates to work in any state or territory in Australia and New Zealand. To apply for licences in other countries, you need to meet the registration requirements applicable in those countries.

Admission requirements
To be eligible to apply, you need a recognised bachelor’s, master’s or research degree with a minimum GPA of 4.5 out of 7.0 which is an approximate Weighted Average Mark (WAM) of 60 percent. This does not guarantee an offer, as places are limited and offers are based on academic merit.

You also need to show evidence of pre-existing knowledge in the following areas:

- Human anatomy
- Human physiology
- Exercise physiology
- Neuroscience
- Psychology.

For a list of approved degrees that meet the pre-existing knowledge requirements and further information, visit the course webpage.

Course summary: Master of Physiotherapy
Duration: 2 years full time
Total credit points required: 96
Commencing: March
Mode: on-campus
IELTS: 7.0 overall (a minimum of 7.0 in each band)
- sydney.edu.au/courses/master-of-physiotherapy

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<td><strong>Year 1</strong></td>
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<tr>
<td><strong>Year 2</strong></td>
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<tr>
<td>Physiotherapy Practicum 1</td>
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<tr>
<td>Physiotherapy Practicum 2</td>
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<tr>
<td>Musculoskeletal Physiotherapy IV</td>
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<tr>
<td>Physiotherapy Health Care and Society OR FHS Abroad</td>
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<tr>
<td>Physiotherapy Practicum 3</td>
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<tr>
<td>Physiotherapy Practicum 4</td>
<td>2</td>
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<tr>
<td>Advanced Clinical Reasoning</td>
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</tr>
<tr>
<td>Advanced Physiotherapy Practice</td>
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</tr>
</tbody>
</table>
The Master of Rehabilitation Counselling prepares you for professional practice as a rehabilitation counsellor. Graduates attain professional status as a rehabilitation counsellor and are qualified to provide specialist counselling, rehabilitation, and case management services to people who have experienced injury, disability or social disadvantage.

A number of clinical and professional fieldwork opportunities are scheduled as part of the course. A graduate diploma leading to the full master’s degree is also available.

Professional accreditation
Both the graduate diploma and master’s degree are accredited by the two peak professional bodies representing rehabilitation counselling, the Australian Society of Rehabilitation Counsellors and the Rehabilitation Counselling Association of Australasia.

Admission requirements
To be eligible to apply, you need a recognised bachelor’s, master’s or research degree with a minimum GPA of 4.5 out of 7.0 which is an approximate Weighted Average Mark (WAM) of 60 percent. This does not guarantee an offer, as places are limited and offers are based on academic merit.

Course summary: Master of Rehabilitation Counselling
Duration: 2 years full time/4 years part time
Total credit points required: 96
Commencing: March
Mode: on-campus, online
IELTS: 6.5 overall (minimum 6.0 in each band)

Course progression

<table>
<thead>
<tr>
<th>Units of study</th>
<th>Sem</th>
<th>CP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1</td>
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<tr>
<td>Rehabilitation Philosophy</td>
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<tr>
<td>Vocational Development and Counselling</td>
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<tr>
<td>Introductory Rehabilitation Counselling</td>
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<td>6</td>
</tr>
<tr>
<td>Work Injury and Workers’ Compensation</td>
<td>1</td>
<td>6</td>
</tr>
<tr>
<td>Applied Psychosocial and Medical Rehabilitation</td>
<td>2</td>
<td>6</td>
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<tr>
<td>Applied Counselling and Case Management</td>
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<td>6</td>
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<tr>
<td>Professional Practice A (graduate diploma only)</td>
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<td>6</td>
</tr>
<tr>
<td>Client Assessment and Job Placement</td>
<td>2</td>
<td>6</td>
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<tr>
<td>Avocational Rehabilitation Management (master’s degree only)</td>
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<tr>
<th>Year 2</th>
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<tbody>
<tr>
<td>Rehabilitation Counselling Dissertation A</td>
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<tr>
<td>Psychiatric Rehabilitation</td>
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<tr>
<td>Professional Practice 1 (master’s degree only)</td>
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<tr>
<td>Electives</td>
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<tr>
<td>Rehabilitation for Post Traumatic Stress Disorder</td>
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<tr>
<td>Rehabilitation for Alcohol and Drug Misuse</td>
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<tr>
<td>Perspectives on Rehabilitation Legislation</td>
<td>2</td>
<td>6</td>
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<tr>
<td>Rehabilitation Counselling Dissertation B</td>
<td>2</td>
<td>6</td>
</tr>
<tr>
<td>Professional Practice 2 (master’s degree only)</td>
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<td>6</td>
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<tr>
<td>Electives</td>
<td></td>
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<tr>
<td>Public Offenders: Aspects of Rehabilitation</td>
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<tr>
<td>Work and Developmental Disability</td>
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</table>

Please note: admissions criteria for this course are subject to change. For up-to-date information, refer to: sydney.edu.au/courses/master-of-rehabilitation-counselling
Speech Language Pathology

One in seven Australians has some form of communication disability, such as a problem with speech, using and/or understanding language, voice, fluency, hearing or reading and writing.

As a speech pathologist you will assess and treat people of all ages, backgrounds and cultures, and change lives by making it easier for people to communicate.

Professional accreditation
The Master of Speech Language Pathology is accredited by Speech Pathology Australia. Graduates are eligible for practising membership of the association, which is a requirement to work as a speech pathologist in Australia.

Admission requirements
To be eligible to apply, you need a recognised bachelor’s, master’s or research degree with a minimum GPA of 4.5 out of 7.0 which is an approximate Weighted Average Mark (WAM) of 60 percent. This does not guarantee an offer, as places are limited and offers are based on academic merit.

You also need to show evidence of pre-existing knowledge in phonetics, linguistics, anatomy and neurology. If you do not have prior studies in these areas, you will need to attend the Sydney Summer School in January, before Semester 1, to complete the prescribed units before commencing the Master of Speech Language Pathology. You may also need to attend a grammar bridging course before enrolling.

− sydney.edu.au/health-sciences/bridging-grammar

For a list of approved degrees that meet the pre-existing knowledge requirements and further information, visit the course webpage.

Course summary: Master of Speech Language Pathology
Duration: 2 years full time/4 years part time
Total credit points required: 96
Commencing: March
Mode: on-campus
IELTS: 7.0 overall (minimum 7.0 in each band)
− sydney.edu.au/courses/master-of-speech-language-pathology

Course progression

<table>
<thead>
<tr>
<th>Units of study</th>
<th>Sem</th>
<th>CP</th>
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</thead>
<tbody>
<tr>
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<tr>
<td>Speech Pathology Practice (Introduction)</td>
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<tr>
<td>Articulation and Phonology</td>
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<tr>
<td>Language 1</td>
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<tr>
<td>Specialist Studies 1</td>
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<tr>
<td>Swallowing and Neurogenics 1</td>
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<tr>
<td>Language 2</td>
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<tr>
<td>Specialist Studies 2</td>
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<td>3</td>
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<tr>
<td>Professional Development 1</td>
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<tr>
<td>Clinical Practice 1</td>
<td>1 or 2</td>
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<td>Year 2</td>
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<td>Specialist Studies 3</td>
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<tr>
<td>Clinical Practice 2</td>
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<tr>
<td>Research-Led Practice</td>
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<tr>
<td>Applied Clinical Research</td>
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<tr>
<td>Clinical Practice 3 – Paediatric</td>
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<tr>
<td>Clinical Practice 3 – Adult</td>
<td>1 or 2</td>
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</table>

Please note: admissions criteria for this course are subject to change. For the most up-to-date information, refer to: sydney.edu.au/courses/master-of-speech-language-pathology
Why study medicine and public health with us?

The University of Sydney Medical School offers an extensive range of degrees. Whether you are looking to undertake a specialist medical training program, upskill in clinical research or biostatistics, pursue a career in public health, pivot towards health policy or explore bioethics, we have a course for you.

Sydney Medical School is internationally recognised for world-class research and teaching in health and medicine, and as a leading advocate for high-quality healthcare nationally and internationally.

The School of Public Health is one of eight schools within Sydney Medical School. It is a vibrant network of individuals, research groups and centres that offer a wide range of educational and research opportunities for students.

All our programs are developed and taught by researchers, academics and clinicians who are at the forefront of their professions. Research is embedded in all our teaching, and with our extensive overseas links, you will have opportunities to gain international perspectives that are critical to improving the health of people in Australia and the global community.
Leaders in public health

In studying with our School of Public Health you will develop your expertise and make a positive contribution to the health and welfare of individuals and the broader community.

Our public health programs are developed and taught by leading clinicians, academics and researchers and our faculty plays a major role in shaping the future of healthcare. We welcome students from both health and non-health backgrounds.

Leading clinical partners

Sydney Medical School is Australia’s first established medical school. With formal links to major teaching hospitals across New South Wales and our numerous international partnerships, we are firmly embedded in the national and international health landscape. We offer outstanding opportunities for researchers and students to participate in industry-leading practices in education, research and clinical care.

Globally aware professionals

With an awareness and understanding of international health issues, our graduates are well equipped to work in a variety of settings around the world.

Research strength

The research we do today is the healthcare of tomorrow. We have a large research portfolio that crosses the spectrum from basic science to clinical medicine and public health.

Our research is focused on the major themes of cancer, obesity, diabetes and cardiovascular disease, neuroscience and mental health, infectious diseases, and lifespan health.

Global rankings

Our performance in rankings reflects our status as a leading medical school. We are:

- ranked number one in Australia and 15th in the world in the medicine category of the QS World University Rankings by Subject, 2017
- ranked 2nd in Australia and 35th in the clinical, pre-clinical and health category of the Times Higher Education World University Rankings, 2016-17
- ranked 5 (the highest rating) in the Excellence in Research for Australia rankings for medical and health sciences, and public health and health services.

Flexible study options

We develop our flexible programs with professionals in mind. We offer part-time, evening, distance learning, full-time and intensive study modes so you can fit postgraduate study around the demands of your professional life.

For a full list of the courses we offer, see

- sydney.edu.au/medicine
Bioethics

Bioethics engages with the ethical challenges in biomedical science research, clinical practice and population health.

Our program helps you develop skills to assess and respond to these complex challenges critically, whether you are a scientist, researcher or professional working in medicine, law, nursing, public health, health policy or health administration. You may wish to broaden your knowledge, add value to your career, or change your career path.

This program gives an interdisciplinary introduction to bioethics, covering ethics, philosophy, social science and law. You will tackle questions such as:

- What is bioethics and why is it important?
- How should we act in different situations?
- Why is public health a moral enterprise?
- How should the law respond to ethical issues in health?
- What is ‘medicalisation’?
- What makes for ethical research?
- How do we make medicines safe, effective and accessible?
- What are the limits of autonomy and consent?
- What do we owe animals?
- How might art transform health and healthcare?

You will have the opportunity to study topics that are not available elsewhere in Australia, including ethics and mental health and units in health humanities. You can specialise in public health ethics, research ethics, clinical ethics, or health humanities.

Course summary: Master of Bioethics

Duration: 1 year full time/2 years part time
Total credit points required: 48
Commencing: March/July
Mode: on-campus day, online
IELTS: 7.0 overall (minimum 6.5 in each band)
- sydney.edu.au/courses/master-of-bioethics

Units of study

Core units

<table>
<thead>
<tr>
<th>Course</th>
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<td>Introduction to Ethical Reasoning</td>
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Part 1 units

<table>
<thead>
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<tbody>
<tr>
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<td>6</td>
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<tr>
<td>Biomedicine and Society</td>
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<tr>
<td>Philosophy of Medicine</td>
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Master’s students need to take either:

<table>
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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>Bioethics, Law and Society</td>
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<tr>
<td>Arts in Health</td>
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Part 2 units

<table>
<thead>
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<tbody>
<tr>
<td>Ethics and Biotechnology</td>
<td>6</td>
</tr>
<tr>
<td>Human and Animal Research Ethics</td>
<td>6</td>
</tr>
<tr>
<td>Ethics and Public Health</td>
<td>6</td>
</tr>
<tr>
<td>Clinical Ethics</td>
<td>6</td>
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<tr>
<td>Ethics and Mental Health</td>
<td>6</td>
</tr>
<tr>
<td>Introduction to Public Health Ethics</td>
<td>2</td>
</tr>
<tr>
<td>Health and Risk Communication</td>
<td>6</td>
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<tr>
<td>Arts in Health</td>
<td>6</td>
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<tr>
<td>Introduction to Human Research Ethics</td>
<td>2</td>
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<tr>
<td>Independent Study</td>
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<tr>
<td>Ethics, Narrative Competence and Health</td>
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<tr>
<td>Advanced Qualitative Health Research</td>
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<td>Introducing Qualitative Health Research</td>
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Research pathway units

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<thead>
<tr>
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<tbody>
<tr>
<td>Research Project A</td>
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</tr>
<tr>
<td>Research Project B</td>
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</tbody>
</table>
Biostatistics

Biostatistics is the application of statistical techniques to health-related fields. Its foundation is the mathematics of variability and it encompasses the science of designing quantitative research studies, managing and analysing data, and interpreting the results.

Biostatistics can be used to show the most effective treatment in the spread of disease, or determine risk factors in genetic inheritance and mutation.

Our courses are offered in alliance with Biostatistics Collaboration of Australia, a consortium of biostatistical experts from around Australia with representatives from universities, government and the pharmaceutical industry. Both the graduate diploma and master’s program are accredited with the Statistical Society of Australia.

The online delivery format gives you the flexibility to plan your studies around other commitments. Some of the areas we cover include: design of randomised controlled trials; categorical data and generalised linear models; survival analysis; and longitudinal and correlated data analysis.

Course options
- Graduate Certificate in Biostatistics
- Graduate Diploma in Biostatistics
- Master of Biostatistics

Admission requirements
You need a recognised bachelor’s degree in a relevant discipline, proven aptitude for advanced mathematical work, and successful completion of an introductory course in statistics.

Course summary: Master of Biostatistics
Duration: 3 years part time
Total credit points required: 72
Commencing: March/July
Mode: online
IELTS: 6.5 overall (minimum 6.0 in each band)
- sydney.edu.au/courses/master-of-biostatistics

Units of study
Part 1 core units
- Epidemiology Methods and Uses 6

Part 2 units
- Mathematics Background for Biostatistics 6
- Probability and Distribution Theory 6
- Principles of Statistical Interference 6
- Data Management and Statistical Computing 6
- Categorical Data and Generalised Linear Models 6
- Design of Randomised Controlled Trials 6
- Linear Models 6

Additional core units for master’s degree
- Survival Analysis 6
- Biostatistics Research Project 6

Part 3 units
- Health Indicators and Health Surveys 6
- Clinical Biostatistics 6
- Longitudinal and Correlated Data 6
- Bioinformatics 6
- Bayesian Statistical Methods 6
- Introductory Analysis of Linked Data 6
- Biostatistics Research Project 6
Brain and Mind Sciences

Shape the future of brain and mind science through multidisciplinary training from internationally recognised leaders.

The Brain and Mind Sciences program prepares you for a highly rewarding career in mental health and neuroscience, where you can make a real difference to the wellbeing of individuals and communities.

The Brain and Mind Centre is internationally renowned for its interdisciplinary model, leading researchers, and contributions to mental health and neuroscience. As a student, you will draw on these strengths to develop world-class professional and clinical skills. You will gain a solid understanding of basic neuroscience, clinical applications and interventions.

You will explore diseases of mental health from basic and clinical research perspectives, rather than as disparate scientific disciplines, empowering you to form meaningful collaborations and improve research outcomes.

The core units of study focus on fundamental neuroscience and its research, and their impact in a clinical setting, while electives allow you to study more specialised areas of brain and mind science, such as brain and mind disorders of youth, ageing, genetics and suicide.

Course options

- Graduate Certificate in Brain and Mind Sciences
- Graduate Diploma in Brain and Mind Sciences
- Master of Brain and Mind Sciences

Admission requirements

You need a recognised bachelor’s degree in a relevant discipline and satisfactory performance in an interview.

Course summary: Master of Brain and Mind Sciences

Duration: 1 year full time/2 years part time
Total credit points required: 48
Commencing: March
Mode: on-campus day and evening
IELTS: 6.5 overall (minimum 6.0 in each band)


Units of study

<table>
<thead>
<tr>
<th>Core units</th>
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<tr>
<td>Fundamental Neuroscience</td>
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<tr>
<td>Translational and Clinical Brain and Mind Science</td>
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<tr>
<td>Research Inquiry (required for master’s students only)</td>
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</table>

<table>
<thead>
<tr>
<th>Elective units</th>
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<tbody>
<tr>
<td>Brain and Mind Disorders of Childhood and Youth</td>
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<tr>
<td>Neuropsychopharmacology</td>
<td>6</td>
</tr>
<tr>
<td>History, Philosophy and Ethics of Brain and Mind Science</td>
<td>6</td>
</tr>
<tr>
<td>Cognitive Behaviour Therapy</td>
<td>6</td>
</tr>
<tr>
<td>Neuropsychology</td>
<td>6</td>
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<tr>
<td>Brain Ageing</td>
<td>6</td>
</tr>
<tr>
<td>Genetics of Brain and Mind Disorders</td>
<td>6</td>
</tr>
<tr>
<td>Leadership in Policy in Mental Health</td>
<td>6</td>
</tr>
<tr>
<td>Neurolaw: Brain, Mind, Law and Ethics</td>
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<tr>
<td>Research Activity (master’s students only)</td>
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</tbody>
</table>
Clinical Epidemiology

Clinical epidemiology is the scientific basis of clinical research and evidence-based decision making.

Our programs develop the capabilities of both clinical researchers and practitioners by teaching the skills needed to generate high-quality clinical research, and to find, interpret and evaluate research evidence to improve patient care outcomes. We will teach you how to integrate theory into your day-to-day work. Our teachers are experts drawn from a wide range of clinical and academic fields who have considerable experience integrating research into their clinical work.

This course will improve your ability to practice evidence-based medicine. You will also develop the research skills required by many clinical training positions. The course is delivered in a flexible format suitable for busy professionals, with face-to-face, online or block-mode delivery options available.

Course options
- Graduate Certificate in Clinical Epidemiology
- Graduate Diploma in Clinical Epidemiology
- Master of Science in Medicine (Clinical Epidemiology)
- Master of Medicine (Clinical Epidemiology)

Admission requirements
For entry to the Master of Medicine, you need to have a recognised medical degree. The Master of Science in Medicine requires a recognised bachelor’s degree in a health or science-related discipline with either the equivalent of first or second class honours or equivalent work experience.

Entry to the graduate certificate or diploma requires either a recognised medical degree or a bachelor’s degree in a health or science-related discipline, with either the equivalent of a first or second class honours or equivalent work experience.

Course summary: Master of Medicine (Clinical Epidemiology)
Duration: 1 year full time/2-4 years part time
Total credit points required: 48
Commencing: March/July
Mode: on-campus day, online, intensive
IELTS: 6.5 overall (minimum 6.0 in each band)
- sydney.edu.au/courses/master-of-medicine-clinical-epidemiology

Units of study
Core units
- Introduction to Clinical Epidemiology 6
- Introductory Biostatistics 6

Elective units
- Quality and Safety in Health Care 6
- Introduction to Systematic Reviews 6
- Advanced Systematic Reviews 2
- Doing a Systematic Review 6
- Introduction to Teaching Clinical Epidemiology 2
- Advanced Teaching Clinical Epidemiology 6
- Health and Medical Research Grants: Theory and Practice 6
- Writing and Reviewing Medical Papers 6
- Clinical Practice Guidelines 2
- Patient-Reported Outcomes Measurement 2
- Advanced Statistical Modelling 4
- Clinical Epidemiology Project 1, 2 2, 4
- Decision Analysis 2
- Controlled Trials 2
- Diagnostic and Screening Tests (Part 1/Parts 1 and 2) 2, 6
- Multiple Regression and Statistical Computing 4
- Categorical Data Analysis 2
- Survival Analysis 2
- Introductory Analysis of Linked Data 6
- Advanced Epidemiology 6
- Health Economic Evaluation 4
- Advanced Health Economic Evaluation 2
- Translational Health 2
- Qualitative Methodologies and Study Design 6
- Advanced Qualitative Health Research 6

* Additional elective units are available. For details, see sydney.edu.au/medicine
Clinical Neurophysiology

This course will provide you with a sound understanding of the theoretical principles and practical application of all the commonly employed techniques in clinical neurophysiology. You will develop the knowledge and skills to work in diagnostic and perioperative settings.

Designed for practising and trainee anaesthetists, neurologists, neurophysiology scientists and technologists, this course will provide you with a structured educational program to complement your workplace experience.

Course options

- Graduate Certificate in Medicine (Clinical Neurophysiology)
- Graduate Certificate in Science in Medicine (Clinical Neurophysiology)
- Graduate Diploma in Medicine (Clinical Neurophysiology)
- Graduate Diploma in Science in Medicine (Clinical Neurophysiology)
- Master of Medicine (Clinical Neurophysiology)
- Master of Science in Medicine (Clinical Neurophysiology)
- Master of Medicine (Advanced) (Clinical Neurophysiology)
- Master of Science in Medicine (Advanced) (Clinical Neurophysiology)

Admission requirements

For entry to the Master of Medicine, or the Graduate Certificate or Graduate Diploma in Medicine, you need a recognised medical degree.

The Master of Science in Medicine requires a bachelor’s degree in a health or science-related discipline and 12 months relevant work experience.

The Graduate Certificate or Graduate Diploma in Science in Medicine require a bachelor’s degree in a health or science-related discipline.

An advanced option is available if you have completed the master’s degree with a weighted average mark of at least 75 percent in 24 credit points of compulsory and/or stream-specific units of study.

For full details, see:
- sydney.edu.au/medicine/clinical-neurophysiology
- sydney.edu.au/courses/master-of-medicine-clinical-neurophysiology

Course summary:

Master of Medicine (Clinical Neurophysiology)

Duration: 2 years part time

Total credit points required: 48

Commencing: March

Mode: online with face-to-face intensive workshops

IELTS: 7.0 overall (minimum 6.5 in each band)

Units of study

Core units

<table>
<thead>
<tr>
<th>Unit</th>
<th>CP</th>
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<tbody>
<tr>
<td>Introduction to Clinical Epidemiology</td>
<td>6</td>
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<tr>
<td>Basic Sciences in Clinical Neurophysiology</td>
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</table>

Stream-specific units

<table>
<thead>
<tr>
<th>Unit</th>
<th>CP</th>
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</thead>
<tbody>
<tr>
<td>Diagnostic Electroencephalography</td>
<td>6</td>
</tr>
<tr>
<td>Clinical Neurophysiology Techniques</td>
<td>6</td>
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<tr>
<td>Advanced Electroencephalography</td>
<td>6</td>
</tr>
<tr>
<td>Neuromonitoring in Anaesthesia</td>
<td>6</td>
</tr>
<tr>
<td>Intraoperative Monitoring: I</td>
<td>6</td>
</tr>
<tr>
<td>Intraoperative Monitoring: II</td>
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</table>

General elective units

<table>
<thead>
<tr>
<th>Unit</th>
<th>CP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clinical Communication and Decision Making</td>
<td>6</td>
</tr>
<tr>
<td>Pain Mechanisms and Contributors</td>
<td>6</td>
</tr>
<tr>
<td>Pain Treatment and Management Principles</td>
<td>6</td>
</tr>
<tr>
<td>Acute Pain</td>
<td>6</td>
</tr>
<tr>
<td>Introductory Biostatistics</td>
<td>6</td>
</tr>
<tr>
<td>Clinical Research Development and Practice</td>
<td>6</td>
</tr>
<tr>
<td>Quality and Safety in Health Care</td>
<td>6</td>
</tr>
<tr>
<td>Teaching in the Clinical Environment</td>
<td>6</td>
</tr>
</tbody>
</table>
Clinical Trials Research

Learn how to design, develop, lead and conduct clinical trials.

The Clinical Trials Research program focuses on clinical trial design and research methodology, and how to devise high quality studies. You will develop the skills to manage and lead clinical trials, and the ability to interpret the results of single and multi-centre trials.

The program is led by Australia’s leading academic clinical trials research organisation, the National Health and Medical Research Council (NHMRC) Clinical Trials Centre.

The NHMRC Clinical Trials Centre’s clinicians and researchers are among the best in their field, with vast experience in conducting and interpreting clinical trials across an enormous range of health and medical research. Under their guidance, you will develop a thorough understanding of clinical research methodologies, including design, management and statistical and ethical considerations.

Admission requirements
For entry to the master’s degree, you need a bachelor’s degree in a relevant discipline (with a credit average), or a graduate diploma in a relevant discipline, or hold a Graduate Certificate in Clinical Trials Practice from the University of Sydney or equivalent qualification.

For the graduate certificate and graduate diploma, you need a bachelor’s degree in a relevant discipline.

Course summary: Master of Clinical Trials Research
Duration: 2 years part time
Total credit points required: 48
Commencing: March
Mode: online
IELTS: 7.0 overall (minimum 7.0 in each band)
- sydney.edu.au/courses/master-of-clinical-trials-research

Course options
- Graduate Certificate in Clinical Trials Research
- Graduate Diploma in Clinical Trials Research
- Master of Clinical Trials Research

Units of study

<table>
<thead>
<tr>
<th>Core units</th>
<th>CP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clinical Trials in Practice</td>
<td>6</td>
</tr>
<tr>
<td>Trial Design and Methods</td>
<td>6</td>
</tr>
<tr>
<td>Critical Appraisal of Evidence</td>
<td>6</td>
</tr>
<tr>
<td>Statistical Principles and Clinical Trials</td>
<td>6</td>
</tr>
<tr>
<td>Interpretation of Trial Analysis</td>
<td>6</td>
</tr>
<tr>
<td>Leadership and Problem Solving</td>
<td>6</td>
</tr>
<tr>
<td>Research Project</td>
<td>6</td>
</tr>
</tbody>
</table>

Elective units
- Advanced Trial Design 6
- Global Biomarker Studies 6

Graduate medicine and public health
Genetic Counselling

The Master of Genetic Counselling prepares you for career opportunities delivering genetic and genomic counselling in prenatal, paediatric and adult settings in public and private health services, including cancer, IVF and ultrasound clinics.

This course will equip you with the knowledge and skills to provide families with support and information about conditions due to genetic variations. We focus on areas such as health communication and counselling, clinical practice, genetic and genomic sciences and their clinical applications, as well as ethical, social and legal aspects, and research analysis and methods.

Clinical placements in NSW, Australia or overseas provide supervised genetic counselling experience in a range of settings. Additionally, you will complete a research project focused on an aspect of genetic counselling, culminating in the writing of a research dissertation addressing the findings of this study (in the form of a journal article) and presentation of your results in the context of genetic counselling practice as a capstone at the end of the course.

Small class sizes enable a focused and collaborative environment for learning the science and clinical applications, along with counselling and research skills. These are conducted at the modern teaching facilities of the Kolling Institute of Medical Research, Sydney Medical School, Northern and Royal North Shore Hospital, and at clinical and laboratory genetics services in other NSW Health facilities.

Throughout the course, faculty and visiting experts with national and international standing present lectures and workshops covering new developments and differing perspectives in genetics and genomics.

Rapid developments in technology mean genetics and genomics are increasingly in demand in mainstream medicine, providing opportunities and challenges for graduate genetic counsellors.

Course options
- Graduate Diploma in Genetic Counselling
- Master of Genetic Counselling

Admission requirements
You need a bachelor’s degree in a related field and demonstrated volunteer experience that provides an understanding of the lived experience of a disability or a life challenge. Our selection process includes a personal statement and an interview.

Course summary: Master of Genetic Counselling
Duration: 2 years full time
Total credit points required: 96
Commencing: March
Mode: on-campus day, clinical placement (on site at least two days per week and full-time placements in a genetics service for 15 weeks in Australia or overseas, spread over the four semesters)
IELTS: 7.0 overall (minimum 6.5 in each band)
- sydney.edu.au/courses/master-of-genetic-counselling

Units of study

<table>
<thead>
<tr>
<th>Units of study</th>
<th>CP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clinical Genetics</td>
<td>6</td>
</tr>
<tr>
<td>Applied Clinical Genetics</td>
<td>6</td>
</tr>
<tr>
<td>Counselling Theory and Skills</td>
<td>6</td>
</tr>
<tr>
<td>Introduction to Research</td>
<td>6</td>
</tr>
<tr>
<td>Health and Risk Communication</td>
<td>6</td>
</tr>
<tr>
<td>Clinical Practice 1</td>
<td>6</td>
</tr>
<tr>
<td>Diagnostic and Risk Assessment Analysis</td>
<td>3</td>
</tr>
<tr>
<td>Ethical, Legal and Social Issues</td>
<td>3</td>
</tr>
<tr>
<td>Research Project Implementation I</td>
<td>4</td>
</tr>
<tr>
<td>Introduction to Human Research Ethics</td>
<td>2</td>
</tr>
<tr>
<td>Clinical Practice 2</td>
<td>9</td>
</tr>
<tr>
<td>Genetic Counselling Practice and Genomics</td>
<td>6</td>
</tr>
<tr>
<td>Research Project Implementation II</td>
<td>3</td>
</tr>
<tr>
<td>Research Data Analysis</td>
<td>6</td>
</tr>
<tr>
<td>Clinical Practice 3</td>
<td>9</td>
</tr>
<tr>
<td>Contemporary Issues in Genetic Counselling</td>
<td>3</td>
</tr>
<tr>
<td>Research Dissertation and Capstone</td>
<td>12</td>
</tr>
</tbody>
</table>
Health Policy

Gain a critical perspective on how health systems operate and the forces that shape the health policy environment.

This course is designed for health practitioners who are interested in learning more about how health priorities are set and wish to gain a broader understanding of health systems. It is also for those already engaged in or planning careers in public policy who wish to extend their knowledge of health policy and policymaking, economic evaluation and critical use of evidence.

Our Health Policy program is practical and industry-focused. Our students work closely with professionals in the private, public and non-government sectors to gain an understanding of roles in the health system and build professional networks.

You will be exposed to national and international health policy networks through flexible, face-to-face learning and blended delivery. Upon completion of this course, you will be equipped to work at a high level across the health sector.

Course options
- Graduate Certificate in Health Policy
- Graduate Diploma in Health Policy
- Master of Health Policy

Admission requirements
For entry to the master’s degree, you need to have completed the embedded graduate certificate or diploma, or have a bachelor’s degree with the equivalent of first or second class honours plus a minimum of one year’s professional work experience in health or in a policy-related area.

For the graduate certificate or graduate diploma, you need to have a bachelor’s degree plus a minimum of one year’s professional work experience in health or in a policy-related area; or (for the graduate certificate), a minimum of five years’ professional work experience in a policy-related field.

Course summary: Master of Health Policy
Duration: 1 year full time/2 years part time
Total credit points required: 48
Commencing: March/July
Mode: online, intensive, on-campus day and evening
IELTS: 6.5 overall (minimum 6.0 in each band)
- sydney.edu.au/courses/master-of-health-policy

Units of study

<table>
<thead>
<tr>
<th>Course summary: Master of Health Policy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duration: 1 year full time/2 years part time</td>
</tr>
<tr>
<td>Total credit points required: 48</td>
</tr>
<tr>
<td>Commencing: March/July</td>
</tr>
<tr>
<td>Mode: online, intensive, on-campus day and evening</td>
</tr>
<tr>
<td>IELTS: 6.5 overall (minimum 6.0 in each band)</td>
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</tbody>
</table>

- sydney.edu.au/courses/master-of-health-policy

<table>
<thead>
<tr>
<th>Units of study</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core units</td>
</tr>
<tr>
<td>Introduction to Health Policy</td>
</tr>
<tr>
<td>Economics and Finance for Health Policy</td>
</tr>
<tr>
<td>Analysing Health Policy</td>
</tr>
<tr>
<td>Global Health Policy</td>
</tr>
<tr>
<td>Evidence into Policy and Practice</td>
</tr>
<tr>
<td>Health Policy Project</td>
</tr>
<tr>
<td>Elective units</td>
</tr>
<tr>
<td>Health and Risk Communication</td>
</tr>
<tr>
<td>Bioethics Law and Society</td>
</tr>
<tr>
<td>Introduction to Public Health Ethics</td>
</tr>
<tr>
<td>Health and Security</td>
</tr>
<tr>
<td>Translational Health</td>
</tr>
<tr>
<td>Health Systems in Developing Countries</td>
</tr>
<tr>
<td>Obesity and Health Promotion</td>
</tr>
<tr>
<td>Physical Activity and Public Health</td>
</tr>
<tr>
<td>Public Health Advocacy Strategies</td>
</tr>
<tr>
<td>Health Workforce Policy Analysis</td>
</tr>
<tr>
<td>Health and Risk Communication</td>
</tr>
<tr>
<td>Ethics and Public Health</td>
</tr>
<tr>
<td>Health Research Methods and Ethics</td>
</tr>
<tr>
<td>Health Economic Evaluation</td>
</tr>
<tr>
<td>Health Workforce Policy Analysis</td>
</tr>
<tr>
<td>Tobacco Control in the 21st Century</td>
</tr>
<tr>
<td>Qualitative Methodologies and Study Design</td>
</tr>
<tr>
<td>Qualitative Research Analysis and Writing</td>
</tr>
<tr>
<td>Advanced Qualitative Health Research</td>
</tr>
</tbody>
</table>
HIV, STIs and Sexual Health

This program is one of the most comprehensive in the world for doctors to specialise in this field and offers the only master’s degree of its kind in Australia.

The Master of Medicine (HIV, STIs and Sexual Health) is delivered through Western Sydney Sexual Health, which has been providing high-quality training for more than 20 years. Whether you’re new to the field or an existing practitioner, the course will help you to develop and expand your theoretical understanding, as well as specialise and progress in your chosen career.

You will select from five pathways to focus your studies, each with associated stream-specific core and elective units of study. The pathways are: Clinical Medicine, Counselling, Nursing, Public Health, and Laboratory.

If you work in general medicine, infectious diseases or sexual health medicine, consider the Clinical Medicine Pathway, which provides a comprehensive, evidence-based overview of all aspects of HIV and STIs, including basic science, clinical perspectives and prevention.

If you are looking for a way to undertake research, the program will help you develop a strong theoretical and practical basis, and prepare you for Master of Philosophy or PhD candidature.

Enrolment is also available in individual units of study if you want to update or broaden your knowledge for professional development or personal interest.

Outcomes
With this degree, you will be able to contribute to the prevention and management of HIV and STIs. The Clinical Medicine Pathway is also of use in strategic roles in STIs and HIV prevention and program delivery.

Several of the units are recognised as providing training for the Sexual Health curriculum of the Royal Australasian College of Physicians.

Course options
- Graduate Certificate in Medicine (HIV, STIs and Sexual Health)
- Graduate Certificate in Science in Medicine (HIV, STIs and Sexual Health)
- Graduate Diploma in Medicine (HIV, STIs and Sexual Health)
- Graduate Diploma in Science in Medicine (HIV, STIs and Sexual Health)
- Master of Medicine (HIV, STIs and Sexual Health)
- Master of Science in Medicine (HIV, STIs and Sexual Health)
- Master of Science in Medicine (Advanced) (HIV, STIs and Sexual Health)
- Master of Science in Medicine (Advanced) (HIV, STIs and Sexual Health)
- Master of Science in Medicine (HIV, STIs and Sexual Health)
- Master of Science in Medicine (HIV, STIs and Sexual Health) and Master of Philosophy
- Master of Science in Medicine (HIV, STIs and Sexual Health) and Master of Philosophy

Admission requirements
For entry to the Master of Medicine, or the Graduate Certificate or Graduate Diploma in Medicine, you need a recognised medical degree.

The Master of Science in Medicine requires a recognised bachelor’s degree in a health or science-related discipline with either the equivalent of first or second class honours or equivalent work experience.

The Graduate Certificate or Graduate Diploma in Science in Medicine require a bachelor’s degree in a health or science-related discipline or a minimum of five years professional work experience in a health-related field.

An advanced option is available if you have completed the master’s degree with a weighted average mark of at least 75 percent in 24 credit points of compulsory and/or stream-specific units of study.

Admission requirements vary depending on the course and pathway chosen. For details, see:
- sydney.edu.au/medicine/wsshc/future-students/overview
- sydney.edu.au/medicine/wsshc/future-students/overview

Course summary: Master of Medicine (HIV, STIs and Sexual Health)
Duration: 1 year full time
Total credit points required: 48
Commencing: March/July
Mode: on-campus day, online
IELTS: 7.0 overall (minimum 6.5 in each band)
### Pathway options*

#### Clinical Medicine

**Core units**
- Advanced STIs 6
- Diagnostic Methods in Sexual Health 6
- Advanced HIV Infection 6
- Public Health: HIV, STIs and Sexual Health 6
- Introduction to Clinical Epidemiology 6
- Professional Placement 6
- Introduction: HIV, STIs and Sexual Health**

**Elective units**
- Introduction to Counselling for the Health Professions 6
- Variations in Sexual Function 6
- Medical Management of Interpersonal Violence 6
- Sexual Health Promotion 1 6
- Advanced Adolescent Sexual Health 6
- Contraception and Reproductive Health 6
- Sex, Gender and Sexuality 6
- HIV/STI Program Delivery 2
- Sexual Health and Relationships Education 6
- Advanced Readings in Sexual Health 6

#### Nursing

**Core units**
- Advanced STIs 6
- Diagnostic Methods in Sexual Health 6
- Advanced HIV Infection 6
- Public Health: HIV, STIs and Sexual Health 6
- Introduction to Clinical Epidemiology 6
- Professional Placement 6
- Introduction: HIV, STIs and Sexual Health**

**Elective units**
- Advanced Readings in Sexual Health 6
- Introduction to Counselling for the Health Professions 6
- Variations in Sexual Function 6
- Medical Management of Interpersonal Violence 6
- Counselling in Psychosexual Therapy 6
- Advanced Adolescent Sexual Health 6
- Contraception and Reproductive Health 6
- Sex, Gender and Sexuality 6
- HIV/STI Program Delivery 2
- Sexual Health and Relationships Education 6
- Sexual Health Promotion 1 6

#### Counselling

**Core units**
- Introduction to Counselling for the Health Professions 6
- Counselling in Psychosexual Therapy 6
- Advanced Issues in Psychosexual Therapy 6
- Variations in Sexual Function 6
- Introduction: HIV, STIs and Sexual Health 6
- Professional Placement 6
- Sex, Gender and Sexuality 6

**Elective units**
- Medical Management of Interpersonal Violence 6
- Advanced Adolescent Sexual Health 6
- Contraception and Reproductive Health 6
- Sexual Health and Relationships Education 6
- Advanced Readings in Sexual Health 6

#### Public Health

**Core units**
- Introduction: HIV, STIs and Sexual Health 6
- Foundations of International Health 6
- Public Health: HIV, STIs and Sexual Health 6
- Introductory Biostatistics 6
- HIV/STI Program Delivery 2
- Introduction to Clinical Epidemiology 6
- Epidemiology Methods and Uses 6

**Elective units**
- Advanced STIs 6
- Medical Management of Interpersonal Violence 6
- Advanced HIV Infection 6
- Contraception and Reproductive Health 6
- Advanced Adolescent Sexual Health 6
- Sexual Health and Relationships Education 6

#### Laboratory

**Core units**
- Advanced STIs 6
- Diagnostic Methods in Sexual Health 6
- Advanced HIV Infection 6
- Infection Control and Epidemiology 6
- Introduction to Clinical Epidemiology 6
- Introduction: HIV, STIs and Sexual Health**

**Elective units**
- Advanced Medical Bacteriology 6
- Advanced Adolescent Sexual Health 6
- Sex, Gender and Sexuality 6
- HIV/STI Program Delivery 2
- Sexual Health and Relationships Education 6

* Subjects from other disciplines are also available. For details, see sydney.edu.au/medicine

** Within the Clinical Medicine or Nursing pathways, Introduction to HIV, STIs and Sexual Health is a core unit of study for graduate certificate students only.

Online students will be required to attend exams and intensive workshops in Sydney for some units of study.
Infection and Immunity

Our program in infection and immunity has been designed for health science and medical professionals who wish to increase their knowledge of infectious diseases, infection control and the immune system.

This program will improve your understanding of the functions of bacteria and viral genes, the mechanisms of viral and bacterial infections, and the mechanisms involved in the generation and regulation of immune responses. 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 receiving training in the latest laboratory techniques used in the disciplines of infectious diseases and immunology.

As a graduate, you will be ready to participate effectively in healthcare and research programs in infectious disease or immunology of infection anywhere in the world. You will also be better placed to undertake a higher degree by research.

Course options
- Graduate Certificate in Infection and Immunity
- Graduate Diploma in Infection and Immunity
- Master of Medicine (Infection and Immunity)
- Master of Science in Medicine (Infection and Immunity)

Admission requirements
For entry to the Master of Medicine, you need a recognised medical degree.

The Master of Science in Medicine requires a recognised bachelor’s degree in a health or science-related discipline, with passes in immunology and microbiology or infectious disease units, and the equivalent of first or second class honours, or 12 months professional work or research experience.

The graduate diploma and certificate require either a medical degree or a bachelor’s degree in a health or science-related discipline.

Science graduates without relevant work experience or an Australian-equivalent honours degree will be admitted initially at the graduate diploma level. Visit the course webpage for more details.

Course summary: Master of Medicine (Infection and Immunity)
Duration: 1 year full time/2 years part time
Total credit points required: 48
Commencing: March/July
Mode: on-campus day
IELTS: 6.5 overall (minimum 6.0 in each band)
- sydney.edu.au/courses/master-of-medicine-infection-and-immunity

Units of study

<table>
<thead>
<tr>
<th>Core units</th>
<th>CP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fundamental Immunology</td>
<td>6</td>
</tr>
<tr>
<td>Virology and Cell Technology</td>
<td>6</td>
</tr>
<tr>
<td>Advanced Medical Bacteriology</td>
<td>6</td>
</tr>
<tr>
<td>Infection Control and Epidemiology</td>
<td>6</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Elective units</th>
<th>CP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clinical Mycology and Parasitology</td>
<td>6</td>
</tr>
<tr>
<td>Applied Clinical Immunology</td>
<td>6</td>
</tr>
<tr>
<td>Global Control of Infectious Disease</td>
<td>6</td>
</tr>
<tr>
<td>Advanced STIs</td>
<td>6</td>
</tr>
<tr>
<td>Advanced HIV Infection</td>
<td>6</td>
</tr>
</tbody>
</table>
The program covers control of infectious diseases such as malaria and HIV/AIDS, as well as the new epidemic of non-communicable diseases. It will enable you to improve the lives of some of the world’s most disadvantaged people, develop programs sensitive to local cultures in the developing world, and deliver transformative programs in countries with limited resources.

Our teaching staff are active within the international public health community and have specialised experience in a wide range of developing countries. Our students come from all over the world, allowing you to share experiences and learn from your peers as well as your teachers. You will have the opportunity for international placements and enjoy flexible study that you can tailor to suit your needs.

Our graduates work in a range of international settings including the World Health Organization, Médecins Sans Frontières and Oxfam, as well as bilateral aid agencies and international ministries of health.

Admission requirements
For entry to the master’s degree, you need a graduate diploma, a graduate certificate or bachelor’s degree with honours, or a bachelor’s degree in a related field. You can also apply if you have a bachelor’s degree in an unrelated field, plus two years’ professional work experience in health or international development.

Course summary:
Master of International Public Health
Duration: 1 year full time/2 years part time
Total credit points required: 48
Commencing: March/July
Mode: on-campus day, online
IELTS: 6.5 overall (minimum 6.0 in each band)
- sydney.edu.au/courses/master-of-international-public-health

Units of study

<table>
<thead>
<tr>
<th>Core units</th>
<th>CP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foundations of International Health</td>
<td>6</td>
</tr>
<tr>
<td>Global Disease Burden and Research Methods</td>
<td>6</td>
</tr>
<tr>
<td>Epidemiology Methods and Uses</td>
<td>6</td>
</tr>
<tr>
<td>Introductory Biostatistics</td>
<td>6</td>
</tr>
<tr>
<td>International Health Project Management</td>
<td>6</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Elective units*</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Global Health Policy</td>
<td>6</td>
</tr>
<tr>
<td>International Health Independent Study 1 or 2</td>
<td>2, 4</td>
</tr>
<tr>
<td>Travel and Tropical Medicine</td>
<td>2</td>
</tr>
<tr>
<td>Global Communicable Disease Control</td>
<td>4</td>
</tr>
<tr>
<td>Women’s and Children’s Health</td>
<td>4</td>
</tr>
<tr>
<td>Global Non-Communicable Disease Control</td>
<td>2</td>
</tr>
<tr>
<td>Health Issues and Humanitarian Emergencies</td>
<td>4</td>
</tr>
<tr>
<td>Mental Disorders in Global Context</td>
<td>2</td>
</tr>
<tr>
<td>Health Systems in Developing Countries</td>
<td>4</td>
</tr>
<tr>
<td>Nutrition in International Settings</td>
<td>4</td>
</tr>
<tr>
<td>Primary Care in Low Resource Settings</td>
<td>4</td>
</tr>
</tbody>
</table>

* You can also undertake electives from the Public Health program, as well as units from other faculties. See sydney.edu.au/medicine
Pain Management

This evidence-based and clinically relevant program explores the problem of pain in the community and the role of health professionals in managing and treating a range of pain conditions.

Acquire knowledge and strategies to prevent acute and sub-acute pain from progressing to chronic and disabling pain, and refine your ability to work in a multidisciplinary team to achieve this goal.

Developed and taught by Sydney Medical School’s Pain Management Research Institute based at Royal North Shore Hospital and the Kolling Institute of Medical Research, this is the premier international program in pain management. In 2014, the program was endorsed by the International Association for the Study of Pain, the leading international scientific body representing and supporting about 8000 pain scientists and clinicians around the world.

The program is offered online and may be completed full time or part time. It is recognised for continuing medical education/maintenance of professional standards points by the Royal Australian College of General Practitioners, the Royal Australasian College of Physicians and the Australian and New Zealand College of Anaesthetists.

Course options
- Graduate Certificate in Pain Management
- Graduate Diploma in Pain Management
- Master of Medicine (Pain Management)
- Master of Science in Medicine (Pain Management)

Admission requirements
For entry to the Master of Medicine, you need a recognised medical degree. The Master of Science in Medicine requires a recognised bachelor’s degree in a health or science-related discipline with either, the equivalent of first or second class honours or equivalent work experience.

The graduate certificate and diploma require either a medical degree or a bachelor’s degree in a health or science related discipline. A minimum five year’s relevant professional work experience will be considered for the graduate certificate.

Course summary: Master of Medicine (Pain Management)
Duration: 1 year full time/2 years part time
Total credit points required: 48
Commencing: March/July
Mode: online, intensive
IELTS: 6.5 overall (minimum 6.0 in each band)
- sydney.edu.au/courses/master-of-medicine-pain-management

Units of study

<table>
<thead>
<tr>
<th>Core units</th>
<th>CP</th>
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</thead>
<tbody>
<tr>
<td>Introduction to Pain Management</td>
<td>6</td>
</tr>
<tr>
<td>Pain Mechanisms and Contributors</td>
<td>6</td>
</tr>
<tr>
<td>Pain Treatment and Management Principles</td>
<td>6</td>
</tr>
<tr>
<td>Pain Conditions</td>
<td>6</td>
</tr>
<tr>
<td>Issues, Controversies in Pain Management (master’s level only)</td>
<td>6</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Elective units</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Orofacial Pain</td>
<td>6</td>
</tr>
<tr>
<td>Independent studies in pain</td>
<td>6</td>
</tr>
<tr>
<td>Advanced studies in orofacial pain</td>
<td>6</td>
</tr>
<tr>
<td>Clinical Aspects in Neurobiology</td>
<td>6</td>
</tr>
<tr>
<td>Psychology of Pain</td>
<td>6</td>
</tr>
<tr>
<td>Acute Pain</td>
<td>6</td>
</tr>
<tr>
<td>Musculoskeletal Pain</td>
<td>6</td>
</tr>
<tr>
<td>Cancer Pain</td>
<td>6</td>
</tr>
<tr>
<td>Pharmacology of Pain Medicine</td>
<td>6</td>
</tr>
<tr>
<td>Psychological Approaches in Pain Management</td>
<td>6</td>
</tr>
<tr>
<td>Disability and Pain Rehabilitation</td>
<td>6</td>
</tr>
<tr>
<td>Pain in Children</td>
<td>6</td>
</tr>
<tr>
<td>Pain in Older People</td>
<td>6</td>
</tr>
<tr>
<td>Complementary Therapies: Pain Management</td>
<td>6</td>
</tr>
</tbody>
</table>
Pharmaceutical and Medical Device Development

This new program will teach you how to shepherd pharmaceutical and medical devices through crucial regulatory processes.

Tailored to professionals working in the pharmaceutical, bio-pharmaceutical, regulatory, drug evaluation, registration and therapeutic marketing sectors, this course teaches the latest techniques, approaches and requirements for the registration of medical products. You will develop expertise in modern drug development practices, while the skills you acquire in clinical trials will be relevant to healthcare, pharmaceutical and regulatory industries worldwide.

Course options
- Graduate Certificate in Medicine (Pharmaceutical and Medical Device Development)
- Graduate Certificate in Science in Medicine (Pharmaceutical and Medical Device Development)
- Graduate Diploma in Medicine (Pharmaceutical and Medical Device Development)
- Graduate Diploma in Science in Medicine (Pharmaceutical and Medical Device Development)
- Master of Medicine (Pharmaceutical and Medical Device Development)
- Master of Science in Medicine (Pharmaceutical and Medical Device Development)
- Master of Medicine (Advanced) (Pharmaceutical and Medical Device Development)
- Master of Science in Medicine (Advanced) (Pharmaceutical and Medical Device Development)

Admission requirements
For entry to the Master of Medicine, or the Graduate Certificate or Graduate Diploma in Medicine, you need a recognised medical degree.

The Master of Science in Medicine requires a recognised bachelor’s degree in a health or science-related discipline with either the equivalent of first or second class honours or equivalent work experience.

The Graduate Certificate or Graduate Diploma in Science in Medicine require a bachelor’s or postgraduate degree in a health or science-related discipline.

An advanced option is available if you have completed the master’s degree with a weighted average mark of at least 75 percent in 24 credit points of compulsory and/or stream-specific units of study.

Course summary: Master of Medicine (Pharmaceutical and Medical Device Development)
Duration: 2 years part time
Total credit points required: 48
IELTS: 7.0 overall (minimum 6.5 in each band)
Commencing: March/July
Mode: online, intensive
- sydney.edu.au/courses/programs/postgrad-pharmaceutical-and-medical-device-development

Units of study

<table>
<thead>
<tr>
<th>Core units</th>
<th>CP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to Clinical Epidemiology</td>
<td>6</td>
</tr>
<tr>
<td>Pharm &amp; Medical Device Development*</td>
<td>6</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Stream-specific units</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Industrial Therapeutics (project)*</td>
<td>6</td>
</tr>
<tr>
<td>Drugs and Devices: R&amp;D to Registration</td>
<td>6</td>
</tr>
<tr>
<td>Modern Therapeutics and Medical Devices</td>
<td>6</td>
</tr>
<tr>
<td>Medicines Policy, Economics &amp; Ethics</td>
<td>6</td>
</tr>
<tr>
<td>Trial Design and Methods</td>
<td>6</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Elective units</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Bioethics, Law and Society</td>
<td>6</td>
</tr>
<tr>
<td>Health Indicators and Health Surveys</td>
<td>6</td>
</tr>
<tr>
<td>Quality and Safety in Health Care</td>
<td>6</td>
</tr>
<tr>
<td>Diagnostic and Screening Tests</td>
<td>6</td>
</tr>
<tr>
<td>Advanced Trial Design</td>
<td>6</td>
</tr>
<tr>
<td>Economics and Finance for Health Policy</td>
<td>6</td>
</tr>
<tr>
<td>Introductory Biostatistics</td>
<td>6</td>
</tr>
<tr>
<td>Health and Risk Communication</td>
<td>6</td>
</tr>
</tbody>
</table>

* Only available in 2018
Public Health

Our students come from a variety of backgrounds, including health, business, government, policy development and community service provision. This diversity helps create a stimulating learning environment and contributes to the education of leaders in health policy and clinical medicine.

With a large number of units of study to choose from, you can tailor the program to suit your individual needs.

You can also choose subjects within one of the following five pathways:
- Disease Prevention and Health Promotion (Chronic Disease)
- Disease Prevention and Health Promotion (Communicable Disease)
- Disease Prevention and Health Promotion (Injury)
- Health Economics/Health Policy
- Public Health Research.

These pathways are general guides and you can choose other units of study according to your interests, subject to study load and prerequisites.

Course options
- Graduate Diploma in Public Health
- Master of Public Health
- Master of Public Health (Professional Practice)
- Master of Public Health (Chronic Disease Prevention)

Admission requirements
For entry to the master’s program, you need a graduate diploma or a bachelor’s degree in public health, medicine, medical science, nursing, allied health (including physiotherapy, occupational therapy, optometry), dentistry, veterinary science, education, communication and journalism, science, arts, psychology, social science, political science, policy analysis, government, international relations, engineering, architecture, mathematics, economics, law, commerce, business, accounting or marketing.

Entry to the graduate diploma requires a completed bachelor’s degree.

We offer high-achieving students the opportunity to extend their studies via the Master of Public Health (Professional Practice) and the Master of Public Health (Chronic Disease Prevention).

Course summary: Master of Public Health
Duration: 1 year full time/up to 6 years part time
Total credit points required: 48
Commencing: March/July
Mode: on-campus day, online, intensive
IELTS: 6.5 overall (minimum 6.0 in each band)
- sydney.edu.au/courses/master-of-public-health

Units of study

<table>
<thead>
<tr>
<th>Core units</th>
<th>CP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public Health: Achievements and Challenges</td>
<td>2</td>
</tr>
<tr>
<td>Epidemiology Methods and Uses</td>
<td>6</td>
</tr>
<tr>
<td>Introductory Biostatistics</td>
<td>6</td>
</tr>
<tr>
<td>Introducing Qualitative Health Research</td>
<td>4</td>
</tr>
<tr>
<td>Disease Prevention and Health Promotion</td>
<td>6</td>
</tr>
<tr>
<td>Making Decisions in Public Health</td>
<td>2</td>
</tr>
<tr>
<td>Introduction to Public Health Ethics</td>
<td>2</td>
</tr>
<tr>
<td>Public Health Capstone</td>
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</tbody>
</table>
Pathway options

### Disease Prevention and Health Promotion (Chronic Disease)

<table>
<thead>
<tr>
<th>Elective units</th>
<th>CP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cancer Prevention and Control</td>
<td>6</td>
</tr>
<tr>
<td>Chronic Disease Prevention and Control</td>
<td>6</td>
</tr>
<tr>
<td>Mass Media Campaigns and Social Marketing</td>
<td>2</td>
</tr>
<tr>
<td>Environmental Health</td>
<td>4</td>
</tr>
<tr>
<td>Fundamentals of Public Health Nutrition</td>
<td>4</td>
</tr>
<tr>
<td>Alcohol and Drug Use and Health</td>
<td>2, 4</td>
</tr>
<tr>
<td>Genetics and Public Health</td>
<td>4</td>
</tr>
<tr>
<td>Indigenous Health Promotion</td>
<td>4</td>
</tr>
<tr>
<td>Tobacco Control in the 21st Century</td>
<td>6</td>
</tr>
<tr>
<td>Public Health Advocacy Strategies</td>
<td>4</td>
</tr>
</tbody>
</table>

### Disease Prevention and Health Promotion (Injury)

<table>
<thead>
<tr>
<th>Elective units</th>
<th>CP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public Health Program Evaluation Methods</td>
<td>2</td>
</tr>
<tr>
<td>Injury Prevention</td>
<td>2</td>
</tr>
<tr>
<td>Injury Epidemiology, Prevention and Control</td>
<td>4</td>
</tr>
<tr>
<td>Falls Prevention in Older People</td>
<td>4</td>
</tr>
<tr>
<td>Public Health Advocacy Strategies</td>
<td>4</td>
</tr>
</tbody>
</table>

### Health Economics/Health Policy

<table>
<thead>
<tr>
<th>Elective units</th>
<th>CP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Decision Analysis</td>
<td>2</td>
</tr>
<tr>
<td>Health Economic Evaluation</td>
<td>4</td>
</tr>
<tr>
<td>Advanced Health Economics Evaluation</td>
<td>2</td>
</tr>
<tr>
<td>Health Workforce Policy Analysis</td>
<td>2</td>
</tr>
</tbody>
</table>

### Public Health Research

<table>
<thead>
<tr>
<th>Elective units</th>
<th>CP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public Health Program Evaluation Methods</td>
<td>2</td>
</tr>
<tr>
<td>Decision Analysis</td>
<td>2</td>
</tr>
<tr>
<td>Controlled Trials</td>
<td>2</td>
</tr>
<tr>
<td>Multiple Regression and Statistical Computing</td>
<td>4</td>
</tr>
<tr>
<td>Categorical Data Analysis</td>
<td>2</td>
</tr>
<tr>
<td>Survival Analysis</td>
<td>2</td>
</tr>
<tr>
<td>Introductory Analysis of Linked Data</td>
<td>6</td>
</tr>
<tr>
<td>Advanced Epidemiology</td>
<td>6</td>
</tr>
<tr>
<td>Advanced Qualitative Health Research</td>
<td>6</td>
</tr>
</tbody>
</table>

Please note: these pathways are general guides only. You can also choose electives from other programs in the School of Public Health, including:

- Writing and Reviewing Medical Papers
- Introduction to Health Policy
- Analysing Health Policy
- Global Health Policy
- Travel and Tropical Medicine
- Global Communicable Disease Control
- Health Issues and Humanitarian Emergencies
- Mental Disorders in Global Context
- Sex and Society
- Public Health Aspects of STDs
- Public Health Aspects of HIV/AIDS

For full details, see [sydney.edu.au/medicine/public-health](http://sydney.edu.au/medicine/public-health)

“The Master of Public Health offers great flexible study options which enabled me to continue living and working interstate while completing my degree.

“It’s really rewarding to know you can have a positive impact on people’s lives. My team and I are doing this by implementing policies that are evidence-based and an effective, efficient use of public funds.”

**Kathryn Joannides**

Master of Public Health student

Health Economics and Social Policy Consultant, Deloitte
Doctor of Medicine

Our Doctor of Medicine (MD) program is one of Australia’s premier medical degrees and ranked among the top medical programs worldwide. We provide a strong foundation for your future in clinical practice, research or public health.

In the discipline of medicine, the University of Sydney is ranked 1st in Australia and 15th in the world*. Our MD program will give you:

− skills and knowledge to prepare you for future medical practice
− opportunities to experience health in an international setting
− research training that will inspire you to create new knowledge
− opportunities to experience rural health.

Course structure
The MD program comprises four broad themes that run throughout the four-year curriculum. Each theme is supported by online learning materials. The themes are:

− basic and clinical sciences
− patient and doctor
− population medicine
− personal and professional development.

You will receive extensive clinical experience and training from the early weeks of your studies. This takes place in our teaching hospitals throughout Sydney and New South Wales.

In years one and two, the program is largely based on campus. In years three and four, you are immersed in clinical settings.

Admission requirements
All applicants need to have completed a bachelor’s degree with a credit average.

If you are a domestic applicant, you need to achieve a competitive score in the Graduate Australian Medical School Admissions Test (GAMSAT*), including a minimum score of 50 in each section.

If you are an international student, you can submit GAMSAT or Medical College Admission Test (MCAT) results. There are special requirements for citizens of the United States.

Admissions to medicine are complex, take a full year, and have a specific timeline and requirements.

Most medical students join us through our graduate entry scheme. If you plan to apply for graduate entry, we ask you to start the application process at least 12 months in advance.

Detailed admission requirements are in the Doctor of Medicine Admissions Guide, which you can download from our website:

− sydney.edu.au/medicine/study/md/admission

Course summary: Doctor of Medicine
Duration: 4 years full time Total credit points required: 192 Commencing: January Mode: on-campus day IELTS: 7.0 overall (minimum 7.0 in each band)

− sydney.edu.au/courses/doctor-of-medicine

* The average GAMSAT score will replace the overall GAMSAT score in 2017 for entry in 2018. For the new GAMSAT calculation formula, please refer to ‘Admissions’ at sydney.edu.au/courses/doctor-of-medicine

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− sydney.edu.au/courses/doctor-of-medicine

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Professional medical education

Our vocationally oriented programs provide further education and training of great depth and breadth after your medical degree.

Many of our courses and units of study are endorsed by relevant professional agencies (such as medical colleges) to assist candidates to meet their vocational training requirements, and some can be credited towards college training requirements. Several units of study are also aimed at preparing candidates for college examinations.

Within our broadly structured programs, you can tailor a course to meet your needs. Designed with busy professionals in mind, most courses are delivered online, with face-to-face teaching in intensive one- or two-day sessions, block mode, or seminars outside business hours.

Programs are available in the following disciplines:
- Critical Care Medicine
- Internal Medicine
- Metabolic Health
- Paediatric Medicine
- Psychiatry
- Psychotherapy
- Sleep Medicine
- Surgery

For more information, please refer to:
- sydney.edu.au/medicine/study/postgraduate
Why study nursing with us?

In the discipline of nursing, the University of Sydney is ranked 2nd in Australia and 9th in the world. Our students graduate with the knowledge and skills to shape healthcare and improve lives.

At Sydney Nursing School, your studies will be founded on evidence generated by our home-grown and international researchers. We are known for our collaborative and interdisciplinary approach to achieving excellence in education and research, and for maintaining health in partnership with people, their families and communities.

In 2015, we received a gift of $10.8 million from the Susan and Isaac Wakil Foundation to establish several scholarships. This is the largest ever gift to an Australian nursing school, and was followed in 2016 by the foundation’s gift of $35 million to the University of Sydney that will enable us to construct a new Health Precinct on the Camperdown Campus.

We also award 30 scholarships a year to domestic and international undergraduate, postgraduate and rural-entry students, including four PhD scholarships.

Education
Committed to inter-professional learning and collaborative practice, our courses reflect the changing needs of healthcare. You will be taught by leading academics, clinicians and researchers who are actively involved in the nursing and healthcare community.

You will graduate as a locally knowledgeable and globally aware professional with a commitment and passion for nursing, ready to contribute to important decisions about patient care, trends in treatment, and disease prevention.

Around 90 percent of our 2015 graduates had found full-time employment as a registered nurse by 2016.

Research strength
We were awarded the highest possible score, ‘above world standard’, in the 2015 Excellence in Research for Australia (ERA) audit by the Australian Research Council.

Our innovative research is cross-disciplinary and collaborative with a focus on national health priority areas. We are published in high-ranking journals and attain nationally competitive grant funding prestigious bodies.

We also enjoy close affiliations with the University of Sydney’s clinical schools at hospitals throughout the Sydney metropolitan area, including Royal Prince Alfred Hospital in Newtown, Royal North Shore and Concord.

Our community
Our inspirational teachers and researchers are strong leaders in trauma care, dementia care, management of chronic disease and cancer care, as well as many others areas.

Sydney Nursing School works with the Singapore Institute of Management to educate nurses in Singapore. We’ve revolutionised maternity care in Vietnam and reimagined curricula in Tonga.

Our students attend clinical placements within the Sydney metropolitan area, in rural and remote areas of NSW, interstate and overseas in Tonga, Vietnam, Sweden, the Netherlands and the United Kingdom.
Master of Nursing (Graduate Entry)

This exciting course builds on your previous undergraduate education, preparing you for work in local, national and international healthcare settings.

We will equip you to thrive in complex health environments and you will gain an understanding of how to work with other health professionals to provide the highest quality person-centred care.

The Master of Nursing is delivered at two distinct yet comparable cohorts: one based at the University’s Mallett Street Campus in Camperdown, and the other at the Westmead Health Precinct.

Upon graduation, you will be eligible to apply for registration as a nurse with the Nursing and Midwifery Board of Australia.

Graduates of the Master of Nursing program are highly sought after by employers in NSW. Registered nurses work in a wide range of settings, from inner-city hospitals to rural and remote communities, in public health, government departments, non-government organisations, armed forces, tertiary education, in research and clinical trials, and in the pharmaceutical industry.

How and what will you learn?
Throughout your studies, you will experience hands-on learning while developing a strong theoretical understanding of health and illness, and how care is provided and experienced. This includes:
- lectures, tutorials and workshops with expert academic staff and interesting guest lecturers
- engagement in clinical simulation environments that support you to confidently develop the practical clinical skills required for nursing practice
- more than 800 clinical placement hours in varied settings including emergency departments, intensive care units, paediatric units, oncology units, mental health facilities and community health centres.

Beyond clinical care, you will also study human biology, pharmacology, research and evidence-based practice, social contexts of health and illness, illness experiences, healthcare systems, leadership in healthcare and other professional topics, including legal and ethical issues in healthcare.

Admission requirements
To be eligible to apply, you need an Australian bachelor’s degree (or equivalent) in any discipline other than nursing. Those with international nursing qualifications may also be eligible for entry.

In addition to meeting academic requirements, you will be required to undertake a literacy and numeracy test before proceeding to an interview.

Course summary: Master of Nursing (Graduate Entry)
Duration: 2 years full time/4 years part time
Total credit points required: 96
Commencing: March
Mode: on-campus day, clinical experience
IELTS: 7.0 overall (minimum 7.0 in each band)
- sydney.edu.au/nursing/discover-gem

Course progression

<table>
<thead>
<tr>
<th>Units of study</th>
<th>Sem</th>
<th>CP</th>
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<tbody>
<tr>
<td>Social Contexts of Health</td>
<td>1</td>
<td>6</td>
</tr>
<tr>
<td>The Body, Its Function and Pharmacology</td>
<td>1</td>
<td>6</td>
</tr>
<tr>
<td>Introduction to Nursing Practice</td>
<td>1</td>
<td>6</td>
</tr>
<tr>
<td>Developing Nursing Practice</td>
<td>1</td>
<td>6</td>
</tr>
<tr>
<td>Illness Experience and Nursing Care</td>
<td>2</td>
<td>6</td>
</tr>
<tr>
<td>Understand Health and Managing Disease</td>
<td>2</td>
<td>6</td>
</tr>
<tr>
<td>Nursing the Acutely Ill Person</td>
<td>2</td>
<td>6</td>
</tr>
<tr>
<td>Mental Health Nursing Practice</td>
<td>2</td>
<td>6</td>
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<tr>
<td>Care and Chronic Conditions</td>
<td>1</td>
<td>6</td>
</tr>
<tr>
<td>High Acuity Nursing</td>
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<td>6</td>
</tr>
<tr>
<td>Leadership and Collaborative Practice</td>
<td>1</td>
<td>6</td>
</tr>
<tr>
<td>Health of Indigenous Populations (MN)</td>
<td>1</td>
<td>6</td>
</tr>
<tr>
<td>Community Health Nursing</td>
<td>2</td>
<td>6</td>
</tr>
<tr>
<td>Australian Health Care - Global Context</td>
<td>2</td>
<td>6</td>
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<tr>
<td>Research and Evidence</td>
<td>2</td>
<td>6</td>
</tr>
<tr>
<td>Professional Practice (MN)</td>
<td>2</td>
<td>6</td>
</tr>
</tbody>
</table>
Why study pharmacy with us?

The Faculty of Pharmacy is consistently ranked among the world’s best for teaching and education.

With more than 100 years of experience in delivering world-class professional pharmacy education, we enjoy an outstanding national and international reputation. Our innovative, research-led pharmacy programs give students a competitive edge throughout their career.

The wealth of expertise and experience at the faculty is unrivalled. You will learn from industry experts and world-leading academics. You will also have access to state-of-the-art facilities and be exposed to a range of modern clinical settings.

Whether you decide to register as a pharmacist and work in a community or hospital pharmacy, enter the pharmaceutical industry, work for government agencies, or contribute to research and academia, one thing is for sure: you will be in demand.

Research strength

Our renowned academics are experts in a broad spectrum of pharmaceutical and clinical sciences. These include the design, synthesis, testing and mechanism of drugs, studies on advanced drug delivery, investigation of the fate of drugs in humans, including pharmacogenomics and other aspects of drug disposition, and research on the clinical and sociological aspects of pharmacy and health services research.

Our teaching and research is cross-disciplinary in approach and focused on improving health outcomes in areas such as cancer, cardiovascular disease and diabetes, health services and patient safety, mental health and respiratory and infectious disease. By studying with us, you will be exposed to some of the brightest minds in the sector.
Multidisciplinary approach

Mirroring the real-life healthcare landscape, the Faculty of Pharmacy is a core member of a broader health division within the University of Sydney. You will benefit from our strong relationships with the Sydney Medical School and the Faculties of Dentistry, Nursing and Midwifery, and Health Sciences.

Clinical placements

All of our students undertake a clinical placement during their degree. These allow you to put theory into practice in community, hospital, rural or industrial settings and prepare you for the real world of pharmacy and healthcare.

We strongly encourage you to consider a rural or remote placement as part of your clinical training. This can provide you with valuable experience in a setting where healthcare services may be limited and where pharmacists are often the first point of healthcare contact for a community.

We also offer an Intern Training Program (ITP) that prepares you for full registration and for the pharmacy workforce.

Workforce preparation

From clinical placements to our Intern Training Program, we are committed to helping you prepare for the workforce and stand out from your peers.

Flexibility

We understand that flexibility is important to postgraduate students. As a pharmacy student, spending additional time during the week undertaking an internship or practical work experience in a pharmacy setting helps increase your skills and prepares you for professional employment as a pharmacist.

The Master of Pharmacy is timetabled to make one or two days a week available for you to complete work or additional study outside face-to-face class hours.

A unique network

The moment you join the faculty as a student, you become part of a lively, welcoming community. The Sydney University Pharmacy Association (SUPA) is one of the larger student societies on campus and organises a range of academic, professional and social activities. Membership of SUPA also gains you automatic membership to the National Australian Pharmacy Students Association (NAPSA).

Upon graduation, you will automatically become a member of the University of Sydney Pharmacy Alumni Association, gaining access to a large professional support network throughout your career.
The Master of Pharmacy offers an entry pathway to the pharmacy profession.

The Master of Pharmacy is an accredited and innovative two year graduate-entry coursework program designed to prepare you for all aspects of the pharmacy profession, including leadership in innovative, evidence-based practice.

You will benefit from outstanding and effective teaching and research, exposure to modern clinical settings and in-depth interaction with world-leading academics, placing you in a cohort of the most desirable pharmacy graduates in Australia.

The course has a strong practical focus, underpinned by evidence-based practice and research. It is designed to provide you with advanced clinical skills and prepare you for all aspects of the pharmacy profession and leadership in healthcare.

How and what will you learn?
The program comprises a mix of lectures, tutorials, labs, small group work, problem-based learning, interprofessional education and clinical placements, including community, hospital and industry, to develop valuable knowledge, practical skills and experience.

The Master of Pharmacy also offers a limited number of six-week summer research scholarships, providing you with a unique research experience with renowned academics.

Professional accreditation
The Master of Pharmacy is accredited by the Australian Pharmacy Council (APC) and allows graduates to progress towards registration as a pharmacist in Australia.

On completion of this degree, and following a compulsory pre-registration training period (including an Intern Training Program), you will be eligible for registration with the Pharmacy Board of Australia and able to practise as a pharmacist.

Becoming a registered pharmacist
To register with the Pharmacy Board of Australia, you will need to complete 1824 hours (one year) of supervised practical training after graduation and demonstrate English language proficiency (if relevant), in addition to completing an Intern Training Program (ITP) during the pre-registration period, and a registration exam with the Pharmacy Board of Australia.

For more information, visit:
- sydney.edu.au/pharmacy/itp
- www.pharmacyboard.gov.au

Admission requirements
You need a recognised bachelor’s degree with either a minimum Weighted Average Mark (WAM) of 65 percent (as a guide) or, required scores in either the Graduate Australian Medical Admissions Test (GAMSAT -55 with 50 in each section) or Medical College Admission Test (MCAT - 8 for previous test version)/500 for new test version).

You also need to have 54 credit points (or equivalent) in seven prerequisite subjects at university level: Calculus, Statistics, Human Biology, Chemistry, Biochemistry, Pharmacology and Physiology. (Candidates can enrol in the course with 12 credit points of prerequisite subjects outstanding as long as these units of study are completed by the start of Semester 2 of the first year of the Master of Pharmacy.)

For more details, including alternative entry options visit the course page.

Course summary: Master of Pharmacy
Duration: 2 years full time
Total credit points required: 96
Commencing: March
Mode: on-campus day, clinical placements
IELTS: 7.0 overall (minimum 6.5 in each band)

For course progression and unit of study information, please refer to:
- sydney.edu.au/courses/master-of-pharmacy
Graduate Certificate in Evidence-Based Complementary Medicines

This new course is ideal for pharmacists who wish to expand their knowledge of complementary medicines and cultivate the research and skills to deliver high-quality, evidence-based care that is centred on the patient.

New in 2018, the Graduate Certificate in Evidence-Based Complementary Medicines 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.

Students who enrol in the course will be taught by leading experts in complementary medicines and will obtain theoretical and clinically applicable knowledge and skills associated with complementary medicines. The course is primarily delivered online and consists of four subjects, including a capstone project. The course can be completed part time in one year.

You will learn how to identify reliable and reputable information resources that provide information on the efficacy and safety of complementary medicines commonly used in the management of health and disease. Furthermore you will learn how to translate this information into day-to-day practice that is evidence based.

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

Admission requirements
For detailed admission requirements, please refer to the course page on our website (see below).

Course summary: Graduate Certificate in Evidence-Based Complementary Medicines
Duration: 1 year part time
Total credit points required: 24
Commencing: March
Mode: online with one capstone project
IELTS: 6.5 overall (minimum 6.0 in each band)

– sydney.edu.au/pharmacy/study/graduate-certificate-complementary-medicines
Why study dentistry with us?

The Faculty of Dentistry at the University of Sydney offers dental health courses that are patient-centred, evidence-based, integrated with research and responsive to community needs.

Teaching and learning

As Australia’s first dental school, the Faculty of Dentistry has been training dental practitioners for more than 100 years. The quality of our programs is reflected in our ranking of 41st in the world for dentistry.

Our graduates are caring, clear and logical thinkers, and possess outstanding clinical and research capabilities. They are engaged, globally aware and have the capability to become leaders in oral health, dentistry and research.

Academics at the Faculty of Dentistry are expert oral health professionals, and our researchers are pioneering new dental treatments to improve patient outcomes.

By studying with us, you will acquire the patient-centred, evidence-based skills required for modern dental practice.

Research strength

Researchers in the Faculty of Dentistry work collaboratively to address major health issues, with a focus on two major areas: ageing well/ageing productively and chronic diseases.

Discover how our innovative research is delivering advances in treatment, improving our understanding of the complex mechanisms that cause disease, promoting evidence-based teaching and driving improved health outcomes across Australia and around the world.

– sydney.edu.au/dentistry/research

Our community

Our faculty combines integrated research, teaching and clinical practice. Co-located with Sydney Dental Hospital, Westmead Centre for Oral Health and community clinics in NSW and beyond, our students, teachers, researchers and alumni are the foundation of the professional dental community.

Our engaged, socially conscious community is constantly seeking new ways to learn, share best practice and solve problems. This ensures we continue to offer education of the highest calibre and conduct world-leading research that has an impact.

Through professional associations and groups such as the Dental Alumni Society of the University of Sydney and the Sydney University Dental Association for students, our community members have access to resources, real-world advice and each other.
Study our Doctor of Dental Medicine (DMD) and graduate to become a dentist, eligible for registration with the Dental Board of Australia.

Our four-year, full-time, graduate-entry course offers you the opportunity to develop skills through practice-based learning and will expose you to new dental technologies and research. The DMD will educate you to become a dentist who draws on evidence to effectively treat patients and is responsive to the changing oral health needs of the community. The DMD will instil a passion for lifelong learning, self-development and self-evaluation.

The Doctor of Dental Medicine will allow you to:
- understand how to make treatment decisions that are most appropriate for patients as individuals
- gain confidence in treating patients through simulation and practice-based experience
- develop leadership skills to contribute to the dental community
- be an ambassador of health
- crystallise professional values and ethics, social conscience and cultural awareness
- make informed decisions by critiquing research and evidence.

**Admission requirements**
You need to have:
- a bachelor’s degree with a credit average or higher
- satisfactory performance in a medical admissions test (GAMSAT only for domestic applicants; GAMSAT, MCAT, CDAT, DAT for international applicants)
- satisfactory completion of the prerequisite unit of study: Human Biology
- satisfactory performance in an interview
- met the English language requirements for the DMD.

For full details, refer to the Doctor of Dental Medicine Admissions Guide available online:

**Course summary: Doctor of Dental Medicine**
- **Duration:** 4 years full time
- **Total credit points required:** 192
- **Commencing:** February
- **Mode:** on-campus day, professional practice, clinical experience, field experience
- **IELTS:** 7.0 overall (minimum 7.0 in each band)
- sydney.edu.au/courses/doctor-of-dental-medicine

**Graduate opportunities**
As a graduate of our DMD, you are eligible for immediate registration with the Dental Board of Australia which allows you to go straight into practice. Canadian students can undertake the examination of the National Examining Board of Canada, allowing registration and practice in their home country.

Our highly sought after dentists have opportunities in:
- private practice as an assistant dentist
- public dental practice
- hospitals, schools, department of health
- defence forces
- academic pursuits, for example, research and specialisation
- specialisation (on completion of a professional and research experience and additional academic studies).

“My favourite part of this degree is getting hands-on experience really early. By the end of our second year we’re already seeing our own patients and managing our own treatment plans.

“Because of the responsibility and control we are given during our studies, we leave university with the skills needed to be successful in the community.”

Bhavisha Thankey
Doctor of Dental Medicine
Other health courses

The University of Sydney offers a range of additional health-related courses across several faculties.

**Advanced Learning for Nurses**
Our postgraduate specialty programs are designed for registered nurses, and offered at the levels of master’s degree, graduate diploma and graduate certificate. Build on the knowledge you have gained through clinical practice to solidify theoretical foundations. You will learn to use the latest evidence to inform your clinical decision making, giving you confidence to work as a leader in a range of settings.

– sydney.edu.au/nursing/study/advanced

**Clinical Psychology**
Gain the knowledge and practical experience to work as a professional clinical psychologist through the Master of Clinical Psychology. With expert supervision in clinics, teaching hospitals and community settings, the course will give you the knowledge and skills to work in the prevention, diagnosis, and treatment of a wide range of psychological disorders.

**Coaching Psychology**
Learn to help people improve performance with a Master of Science in Coaching Psychology. Providing a solid grounding in theory and practice, this unique course will give you the knowledge and skills to enhance productivity and quality of life of individuals, organisations and the broader community.

**Health Communication**
The Master of Health Communication delivers core media skills to help you become an effective communicator across health and medicine, public affairs, public relations, community relations and journalism.

This program combines the expertise of Sydney Medical School and the School of Public Health with the University’s Media and Communications Department in the Faculty of Arts and Social Sciences to prepare you for a career in government and non-government organisations, community outreach, health public relations or the media.

**Health Law**
Sydney Law School offers one of the nation’s leading postgraduate programs in health and medical law. The program is informed and supported by the Centre for Health Governance, Law and Ethics and aims to promote and support innovative scholarship and teaching in all areas of health regulation, including bioethics and health policy.

**Health Security**
The Master of Health Security trains health professionals, policymakers, government officials and security sector personnel how to respond to complex health events and their wider social and economic consequences. It is an intellectually rigorous and flexible multidisciplinary program of study and research.

Informed by the work of the Marie Bashir Institute at the University of Sydney, the course covers emerging diseases (animal, plant and human), laboratory safety and regulation (biosafety), biodefence, quarantine, border control, agriculture and synthetic biology.

This degree is a path to a career in customs, border control and quarantine services, government policymaking, defence analysis, intelligence services, and research into security-sensitive biological agents.

**Health Technology Innovation**
The changing healthcare landscape is increasingly dependent on the innovative use of modern technologies. The Master of Health Technology Innovation is a professional degree for those seeking to broaden their career options and take advantage of exciting opportunities in this emerging field.

If you are a health practitioner, engineer, IT professional, or scientist, this unique program will equip you with the knowledge and skills to deliver improved health
outcomes for patients through the innovative use of health technologies.

You will be taught by leaders in health, engineering and technology from the University and its extensive network of hospitals and healthcare facilities. You will work alongside engineers, IT specialists and health professionals on cross-disciplinary projects in the University’s flagship Charles Perkins Centre.

Metabolic Health
Learn about managing diabetes, obesity and associated cardiovascular complications in the general population as well as special-risk populations such as pregnant women.

This course has been developed and is delivered by international leaders in diabetes and metabolic health. It is ideal for a range of health professionals working in the field, including pharmacists, nurses and allied health professionals, as well as medical practitioners working in primary care, emergency medicine or paediatrics, and those planning to train in endocrinology.

Face-to-face teaching is delivered in the University’s new state-of-the-art Charles Perkins Centre research and education hub.

Sleep Medicine
Sleep medicine is a sub-specialty that impacts a number of fields, including respiratory medicine, cardiology, neurology, dentistry and psychology.

Designed for professionals already working in this discipline, or for graduates wishing to embark on a new career, the sleep medicine program at Sydney Medical School provides up-to-date information on theory and practice through distance education.

This program provides training in clinical, theoretical and research techniques and aims to establish criteria for best practice in the field.

Specialist master’s degrees in health sciences
Specialist master’s degrees in health sciences are designed to advance you professionally in your field. Courses are available at the levels of master’s degree, graduate diploma and graduate certificate. You can choose to study Developmental Disability or Medical Imaging Science.

All of our specialist master’s degrees are available online. International students can study one of these programs in their home country.

Learn more online at:
- sydney.edu.au/health-sciences/study/courses/career-enhancement

For more details about any of these courses, visit:
- sydney.edu.au/courses

Research degrees
Whether you’re an aspiring academic, seeking a competitive edge in your career, or want to explore a specific passion, a research degree will put you at the pinnacle of your studies. Our postgraduate research degrees include:

Master’s by research/ Master of Philosophy (MPhil)
This degree usually requires 1-2 years of full-time study, and allows a candidate to undertake research and advanced specialisation. It can also provide a pathway to further study at PhD level.

Doctor of Philosophy (PhD)
This is our premier research award and the highest qualification on the Australian Qualifications Framework. It comprises independent research and writing on an approved topic toward a thesis for examination.

Admission to research degrees is highly competitive. In general, to be eligible for admission you need to demonstrate sufficient prior research experience and capability (see page 47).

Find out more about our research degrees on our website:
- sydney.edu.au/pg-research

Graduate medicine and health programs
### Our courses at a glance

<table>
<thead>
<tr>
<th>Course name</th>
<th>GD</th>
<th>GC</th>
<th>CP</th>
<th>Entry</th>
<th>Full time (years)</th>
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<td>Part time (years)</td>
<td>Available to student visa holders*</td>
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</table>

Information for international students

* These courses (or streams) meet the CRICOS requirements for obtaining a student visa to study full time onshore.

Courses offered by online/distance modes are available to international students to study from their home country.

International students in Australia who are not on a student visa, depending on their visa type, may also be able to undertake coursesstreams that are not offered full time onshore. Some courses also have intensive study periods onshore, combined with online study.

When applying for admission with a qualification awarded outside Australia, equivalencies and entry requirements are determined based on the country, institution and qualification.

For the latest information, visit sydney.edu.au/courses

GD    Graduate Diploma in  
GC    Graduate Certificate in  
M    Master of  
D    Doctor of  
CP    credit points

All course details were correct at the time of printing, but are subject to change. For the latest information, visit sydney.edu.au/courses
How to apply

Coursework
To apply for postgraduate study by coursework, follow these steps:

Step 1
Choose a course
Search for the course you are interested in, using Find a Course:
  - sydney.edu.au/courses

Also, check out any scholarships you might be eligible for.
  - sydney.edu.au/scholarships

Step 2
Check admission requirements
Make sure you meet the admission requirements for your course, such as academic or English language qualifications, and any course-specific selection criteria. These are explained at:
  - sydney.edu.au/pg-entry

The Doctor of Medicine and Doctor of Dental Medicine have additional specific admission requirements. Check these at:
  - sydney.edu.au/courses

Step 3
Submit your application
Click the ‘apply now’ button to proceed with your application.

Most scholarship applications also need to be submitted now.

You may be eligible for ‘credit’ if we assess your previous studies as being directly equivalent to our units of study. You need to apply for credit when completing your online course application. We will let you know in your offer letter if you have been successful.
  - sydney.edu.au/study/credit

Research
To apply for a research degree, follow these steps.

Step 1
Check entry requirements
To be eligible for admission to a postgraduate research degree, you usually need to have undertaken a significant research project or thesis in your previous university-level studies.
  - sydney.edu.au/research-entry

Step 2
Find an academic supervisor
Our Research Supervisor Connect online portal lists all the University research opportunities currently available for new students. Search through research ideas, read about supervisors’ areas of interest and expertise, and make initial contact with them:
  - sydney.edu.au/research/opportunities

Step 3
Develop a research proposal
Once you have spoken with an academic, you will need to develop and submit an initial research proposal. The supervisor will read and comment on your proposal, and indicate if they are willing to supervise you before you submit your application.

Step 4
Identify academic referees
You will need to provide details of two academic referees who are familiar with your previous academic qualifications and achievements, who can then submit an academic referee report on your behalf. Instructions are provided within your online application form.

Step 5
Submit your application
We invite you to lodge your application online:
  - search for your program of study at sydney.edu.au/courses
  - select the degree for which you wish to apply
  - click on the ‘apply’ button to begin the application process.

Remember
You can contact us for advice on your specific course at any time. We’re always happy to help.

Phone us or ask a question online.
1800 SYD UNI (1800 793 864)
+61 2 8627 1444 (outside Australia)
  - sydney.edu.au/ask
Fees and costs

Domestic students
Most domestic postgraduate students study in a fee-paying place, however, a limited number of Commonwealth supported places (CSPs) may be available for some courses, on a competitive basis. To determine if your specific course offers CSPs, refer to sydney.edu.au/courses

Fee-paying students
The University calculates the tuition fees for single postgraduate coursework degrees based on an annual course fee that is subject to increase each year. Fees are based on a full-time student enrolment load of 24 credit points per semester, or 48 credit points per year (1.0 EFTSL). If your study load for the year is more or less than 1.0 EFTSL your tuition fee or student contribution amount will differ. Check the tuition fees for your specific course at sydney.edu.au/courses

The Australian Government does not subsidise fee-paying places. However, the government-funded loan program FEE-HELP is available to eligible domestic postgraduate coursework students to assist in paying your tuition fees. For more information, visit www.studyassist.gov.au

CSP students
Your tuition fees will be subsidised by the Australian Government. You will pay the remainder – called a ‘student contribution amount’ and set by the University for your particular study. Exact student contribution amounts for your course will depend on your calendar year of study and the specific units of study in which you enrol. Costs can vary depending on the discipline of study (student contribution band) and study load of each unit.

Student contribution amounts are reviewed annually by the University and will increase each year of your period of study (subject to an Australian Government-specified cap), effective at the start of each calendar year. Eligible CSP students can obtain a full or part HECS-HELP loan for their contribution. For details, visit www.studyassist.gov.au

Research Training Program
The government-funded Research Training Program provides funding for eligible domestic Higher Degree by Research candidates to cover the cost of their tuition fees for the duration of an accredited course. This can be up to four years full-time equivalent study for a doctorate by research and two years of full-time equivalent study for a master’s degree by research. To find out more, visit sydney.edu.au/rtp

International students
The University calculates the tuition fees for postgraduate degrees based on an annual course fee that is subject to an increase each year. Tuition fees vary between courses and the calendar year that you undertake study. Fees are based on a full-time student enrolment load of 24 credit points per semester, or 48 credit points per year (1.0 EFTSL). If your study load for the year is more or less than 1.0 EFTSL your tuition fee will differ.

Annual review
Tuition fees are subject to annual review by the University and will increase each year, effective at the start of each calendar year.

Other costs to consider
- additional course costs, such as course-specific materials and textbooks, tools, protective clothing, and equipment.
- the Student Services and Amenities (SSA) fee: sydney.edu.au/ssa-fee
- living expenses such as food and rent: sydney.edu.au/study/living-costs

These costs are specific to international students:
- your first semester fee as a deposit
- health insurance through the Overseas Student Health Cover (OSHC) scheme; an Australian Government requirement for student visa holders: sydney.edu.au/study/oshc
- an Application Processing Fee (unless you are eligible for a waiver): sydney.edu.au/study/tuition-fees
- education expenses for students’ children: schools.nsw.edu.au/international

Method of payment
There are several ways you can pay the fees that apply to your study. Please note that a surcharge of 0.8 percent will apply for payments made by Visa or MasterCard. The surcharge is subject to review and may change. For more information, refer to: sydney.edu.au/study/paying-your-fees
Here are some important dates to add to your calendar, to help you plan for the year ahead.

**Postgraduate Information Evening**
17 May 2017

**Semester 2, 2017 applications close**
30 June 2017*

**Open Day**
26 August 2017

**Postgraduate Information Evening**
11 October 2017

**Semester 1, 2018 applications close**
31 January 2018*

* Some exceptions apply. Please search for your course online to check exact application closing dates.
  - sydney.edu.au/courses

To find out about other important University dates, please visit
  - sydney.edu.au/dates
A University of Sydney graduate health degree prepares you for your chosen career in the health sector.

This guide provides key information on areas of study and how to apply. The next step is up to you.

To learn more, come and see us on Open Day, attend one of our postgraduate information sessions, call our helpline or visit our website.

sydney.edu.au/postgraduate
sydney.edu.au/pg-health

Join our online communities

facebook: @sydneyunihealth
twitter: @syd_health
instagram: @sydney_health

Contact us
sydney.edu.au/ask
1800 SYD UNI (1800 793 864)
+61 2 8627 1444 (outside Australia)