Doctor of Medicine (MD)
Sydney Medical School

Contact us
sydney.edu.au/medicine/md
+61 2 9351 3132
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Discover

Why study with us?

1. Innovative curriculum
   We strongly emphasise the basic sciences and anatomy. Throughout the course, we focus on small group, problem-based learning and integrating theory with practice.

2. Early patient care
   You will gain hands-on experience in a structured, supervised program throughout years 1 and 2, and will be well prepared when you transfer to your clinical schools in stage 3 (years 3 and 4).

3. Teaching hospitals
   Sydney Medical School has clinical schools and provides clinical training in an extensive network of top-tier hospitals in New South Wales. These hospitals offer the most advanced healthcare in the country. They include: Royal Prince Alfred Hospital; Royal North Shore Hospital; Westmead Hospital; the Children’s Hospital at Westmead; Concord Hospital; Nepean Hospital; Sydney Adventist Hospital; Dubbo Base Hospital; Orange Base Hospital; Lismore Base Hospital, and Broken Hill Base Hospital.

4. Research excellence
   Our research is organised around the key themes of cancer, healthy ageing, infection and immunological conditions; reproductive, maternal and child health; neurosciences and mental health; and obesity, diabetes and cardiovascular disease. You will have access to world-leading researchers, and research institutes and networks.

5. Research training
   We offer formal training in research methods in the first year of the program, encompassing the basic principles of health and medical research, research governance and ethics, and the basics of research methods in biomedical, clinical and public health.

6. Rural experience
   With campuses in Dubbo and Orange, as well as departments in Broken Hill and Lismore, our School of Rural Health provides clinical placements throughout central, northern and western NSW. We also work in partnership with the Royal Flying Doctor Service of Australia.

7. Overseas opportunities
   We encourage you to participate in an international elective. Sydney Medical School has extensive international connections, both in developing countries and in major research centres in North America and Europe. You can take undertake a four to eight week clinical or research placement during your elective term.

   Many of our students also undertake optional placements overseas during the year-end break. Our students have recently travelled to Cambodia, China, Indonesia, Sweden and Vietnam, to name just a few.

8. International students
   If you are an international student, Sydney Medical School recognises that you may benefit from gaining experience in your home country. There are a number of opportunities for you to undertake rotations in your home country, with the aim of allowing you to more easily return home after studies in Sydney.

   For more information:
   − sydney.edu.au/medicine/md

Inside view

Samantha Jaensch
Stage 4 medical student

“My time at the University of Sydney Medical School has given me the skills to direct my own learning, exposed me to a broad range of specialties and introduced me to people I will be working alongside throughout my career. Being surrounded by people with different backgrounds, skills and life experiences is just one aspect of the Sydney medical program for which I am most thankful.”

Did you know?

We are ranked:
− 17th in the medicine category of the 2015 QS World University Rankings
Study
Doctor of Medicine

Our Doctor of Medicine (MD) program is an excellent training platform on which to build a career in medicine. Our graduates provide professional, diligent and ethical care to the community.

You will receive extensive clinical training with clinical experience from the second week of your studies. This takes place in our teaching hospitals throughout Sydney and NSW. In years 1 and 2 the program is largely based on campus, but in years 3 and 4 students are immersed in clinical settings.

The Doctor of Medicine will provide you with:
- skills and knowledge so you are well prepared 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.

Who are our students?

Here is a breakdown of the fields that our students typically study before joining the Doctor of Medicine.

Inside view

Tyler Groves
Stage 4 Medical Student

“Clinical placements are a great opportunity to refine your practical skills and apply the academic knowledge gained during lecture-based teaching and studying. From the very first week, I was placed at a hospital, observing patients and learning from physicians. I quickly learnt that performing procedures and interacting with patients is easier said than done, and the only way to get comfortable in overwhelming clinical settings is to get as much experience as you can. My clinical placements have made me confident that I want to pursue a future in paediatrics or internal medicine.”

4% Arts and social sciences
14% Human biosciences
7% Pharmacy
5% Engineering
6% Physical science
38% Biological sciences
20% Other fields

sydney.edu.au/medicine/md
The MD program comprises four broad themes that run throughout the four-year curriculum. The themes cover:

- Basic and Clinical Sciences
- Patient and Doctor
- Population Medicine
- Personal and Professional Development

Basic and Clinical Sciences provide the scientific foundation for your medical studies. You will cover the medical sciences of physiology, anatomy and histology, pharmacology and pathology, both in lectures and in practical laboratory sessions.

Patient and Doctor sessions cover clinical knowledge and skills, clinical reasoning and clinical communication.

Population Medicine provides a population-wide context of health and medicine, including epidemiology of disease and the delivery of healthcare.

Personal and Professional Development sessions include aspects of personal development and professionalism, the law relevant to medical practice, ethics, patient safety and medical humanities. We are increasing use of online learning materials across all four themes.

The course is delivered in three stages. Stages 1 and 2 cover years 1 and 2 respectively. Stage 3 covers years 3 and 4.

**Stages 1 and 2**
You will work through study blocks that cover all body systems, from both basic science and clinical perspectives, with an emphasis on understanding the scientific foundations of clinical reasoning and clinical practice.

Study blocks cover:
- human structure and function
- mechanisms of health and disease in all major body systems
- rationale for prevention, diagnosis and treatment, with particular reference to mechanisms of health and disease
- the population context of health, disease and health-service delivery
- the development of professionalism within a culturally diverse society
- the development of information skills.

**Stage 3**
During this stage, we cover all major aspects of clinical medicine, and you will be based in clinical schools. You will also participate in a research project and commence an elective term.

The final stage in the medical program is a pre-intern placement.

**Research**
In stage 1 you will undertake formal training in research methods. In stages 2 and 3 you will apply this knowledge and undertake a substantial research or capstone project.

For more information:
- sydney.edu.au/medicine/md

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**Program snapshot**

<table>
<thead>
<tr>
<th>Stage 1 (Year 1)</th>
<th>Blocks of varying length</th>
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<tbody>
<tr>
<td>Themes</td>
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<tr>
<td>Basic and Clinical Sciences (BCS)</td>
<td>Foundation Studies</td>
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<tr>
<td>Patient and Doctor (PDH)</td>
<td>Immunology and Infection</td>
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<tr>
<td>Population Medicine (Pop Med)</td>
<td>Musculoskeletal</td>
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<tr>
<td>Personal and Professional Development (PPD)</td>
<td>Respiratory Sciences</td>
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**Introduction to Research Methodology, research project or capstone planning.**

<table>
<thead>
<tr>
<th>Stage 2 (Year 2)</th>
<th>Blocks of varying length</th>
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<tr>
<td>Themes</td>
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<tr>
<td>Basic and Clinical Sciences</td>
<td>Neurosciences</td>
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<tr>
<td>Patient and Doctor</td>
<td>Drug and Alcohol</td>
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<tr>
<td>Population Medicine</td>
<td>Endocrine, Nutrition, Sexual Health</td>
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<tr>
<td>Personal and Professional Development</td>
<td>Renal, Urology</td>
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<tr>
<td>Research project or capstone planning</td>
<td>Gastroenterology and Nutrition</td>
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<td></td>
<td>Oncology and Palliative Care</td>
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<tr>
<th>Stage 3 (Years 3 and 4 have a stream structure made up of eight-week blocks)</th>
<th>Blocks of varying length</th>
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<tbody>
<tr>
<td>Themes</td>
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<tr>
<td>Basic and Clinical Sciences</td>
<td>Medicine 3 + 4</td>
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<tr>
<td>Patient and Doctor</td>
<td>Surgery</td>
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<tr>
<td>Population Medicine</td>
<td>Critical Care</td>
</tr>
<tr>
<td>Personal and Professional Development</td>
<td>Community Primary Care</td>
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<tr>
<td>Elective term</td>
<td>Psychiatry and Addiction Medicine</td>
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<tr>
<td>Perinatal and Women's Health</td>
<td>Child and Adolescent Health</td>
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<tr>
<td>Elective term</td>
<td>Pre-internship</td>
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Please note that the order of blocks of study in the medical program may change slightly from year to year.
Double degree programs are offered to a small number of students who have achieved outstanding school results. These programs are seven years in duration. Students first study a bachelor's degree before proceeding into the Doctor of Medicine.

The double degrees we offer include:
- Bachelor of Commerce/MD
- Bachelor of Economics/MD
- Bachelor of Medical Science/MD
- Bachelor of Science (Advanced)/MD
- Bachelor of Music Studies/MD

Places
Each year up to 30 domestic and 10 international places are offered for the double medicine degrees. Up to five additional places in the double Medical Science and Science (Advanced) degree are open to Aboriginal and Torres Strait Islander applicants who obtain an ATAR of 99 or higher.

Admission requirements
Applicants need to have a very high ATAR – and for students commencing in 2017 the ATAR is expected to be 99.95.

International applicants require an ATAR of 99.5 or the international equivalent. Potential students need to also perform satisfactorily in an interview. Music/MD applicants are also required to undertake an audition.

To progress into the MD, you need to complete the initial bachelor's degree in minimum time and maintain a credit average in that degree.

How to apply
You will need to apply for the Double Degree Medicine pathway at the first opportunity after graduating from high school, regardless of when your results are available.

Domestic applicants must apply through the Universities Admissions Centre (UAC). International applicants should visit our website for details about how to apply.

To find out more about your eligibility and how to apply for a double degree, visit:
- sydney.edu.au/medicine/md
Join us
Information for future students

Course details
The Doctor of Medicine (MD) is a four-
year, full-time postgraduate program.

Doctor of Medicine (MD)
CRICOS code 079216J
Course code MANEDC1000
Commencing Semester 1 (February)
Credit points required for completion 192

Places
The intake each year for the Doctor of Medicine program is about 300
students. There are about 228
Commonwealth-supported places.
For international students, there are about 70 full-fee places available.

Admission requirements
Domestic and international applicants need to have a bachelor’s degree with a minimum credit
average (please note detailed requirements are in the Admissions
Guide). If you are a domestic
student, you need to have achieved
a competitive performance in
the Graduate Australian Medical School Admissions Test (GAMSAT)
including a minimum of 50 in each
section. International students
may submit GAMSAT or Medical
College Admission Test (MCAT)
results (although there are special
requirements for US citizens).

Please note that students need to
undertake and will be scored in an
interview. To determine a student
ranking for entry, we combine
GAMSAT scores (or converted MCAT
score for international applicants)
with your interview score.

How to apply

Domestic applicants
You need to complete three separate components for an application to the
medical program:
1. Submit an online Qualifications Assessment Service (QAS) application
to the Universities Admissions Centre (UAC).
2. Submit an online application directly to the University of Sydney.
3. Complete an online confirmation page, unless you have prior
notification that your application has been unsuccessful.

Please see our website for application dates and deadlines:
- sydney.edu.au/medicine/md

International applicants
There are two separate components
to making an international application.
To submit your application for the MD, you can do this:
- online, via the University
admission page; or
- through a University representative
(agent). Agents need to submit
an online MD application
via the University admission
webpage by the due date.

Complete an online confirmation
page at the time of making an
interview booking, unless you have
been notified that your application
has been unsuccessful.

Please see the Admissions Guide on
our website for further details.

Fees and scholarships
As a guide, in 2016, the domestic student contribution for a
Commonwealth-supported place in the Sydney Medical Program is
$10,440 per annum. A proportion
of CSPs are Bonded Medical
Places, which have certain specific
conditions. Applicants should review
the conditions on Sydney Medical School website.

In 2016, the international student fee
is $71,000 per annum and may vary
during the period of study. This fee
does not include mandatory Overseas
Student Health Cover.

For more information on fees and
scholarships visit:
- sydney.edu.au/medicine/md

Internships
On satisfactory completion of an
internship with an approved hospital,
Sydney Medical School graduates are
eligible for registration to practise in
Australia and New Zealand.

In Australia, internships are managed
by state health departments. Please
note that the University of Sydney
cannot guarantee internships for
international students.

For more information visit:
- www.heti.nsw.gov.au

Accreditation
The Doctor of Medicine has been
accredited by the Australian Medical
Council (AMC).

Inside view
Lauren Smith
Stage 4 medical student
Undertook a paediatrics elective in Cambodia in 2016

“The two months that I spent at
the Children’s Surgical Centre
in Phnom Penh changed my
perspective of medicine and taught
me more than I ever thought possible
in such a short time. I saw pathology
that I would never have had the
chance to see at home.”

“I developed skills in effective
leadership, working with limited
resources, decision-making, and the
politics of international aid. I also
gained an appreciation for the culture
of medicine in Australia. I would
highly recommend this placement
to anyone interested in surgery and
international medical aid.”

Above: This is Chan Pov, a patient I worked with in Cambodia.
He gave me permission to share his story. Chan had a rare tumour,
causing large masses that infiltrated his skull. A Japanese
neurosurgeon operated on him twice while I was in
Cambodia. This photo was taken the morning after Chan’s second
operation, though he was still very ill. I found his gratitude
incredibly moving.
Join us
Key dates for admission*

<table>
<thead>
<tr>
<th>Domestic students</th>
<th>International students</th>
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<tr>
<td>Late January/Early February</td>
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<td>GAMSAT registrations close</td>
<td>April</td>
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<td>Online applications open</td>
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<td>Mid March</td>
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<td>GAMSAT is held</td>
<td>May</td>
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<td>Last test date to sit MCAT for the July-August round interview</td>
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<td>April</td>
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<td>Online applications open</td>
<td>July-August</td>
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<td>Applications close</td>
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<td>Applicants are sent an online confirmation page</td>
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<td>Interviews take place</td>
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<td>July/August round offers are made to international students</td>
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<td>Last test date to sit MCAT for the October round interview</td>
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<td>May</td>
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<td>June</td>
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<td>Applicants are sent an online confirmation page</td>
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<tr>
<td>July-August</td>
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<tr>
<td>Interviews take place</td>
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<tr>
<td>First round offers are made to domestic students</td>
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<td>August-September</td>
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<td>Deadline for accepting a place</td>
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Please note that dates are subject to change. Visit our website for updates or changes.

For admission dates for double degree medicine programs (entry from high school) please see our website.
If you read only one thing, read this.

Your journey to university is as unique as you are.

At the University of Sydney, you have the opportunity to develop your expertise and help make a positive contribution to the health and wellbeing of individuals and the broader community.

This guide provides the key information you need to apply for our Doctor of Medicine degree, but the next step is up to you.

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

sydney.edu.au/futurestudents