# Medicine







# Acknowledgement of Country

Deakin University acknowledges the Traditional Custodians of all the unceded lands, skies and waterways on which Deakin students, staff and communities come together. As we learn and teach through virtually and physically constructed places across time, we pay our deep respect to the Ancestors and Elders of Wadawurrung Country, Eastern Maar Country and Wurundjeri Country, where our physical campuses are located. We also acknowledge the many First Nations from where students join us online and make vital contributions to our learning communities.

Artwork: Learning Together, Growing Together by Nathan Patterson.

# Your future in medicine

#### Professional accreditation

The Doctor of Medicine (MD) is accredited with the Australian Medical Council. Graduates of the Doctor of Medicine are granted provisional registration as a Medical Practitioner in Australia and New Zealand, and are eligible to undertake paid work as an intern to become eligible for full registration. Domestic graduates are guaranteed an internship position in Victoria.

#### Work in rural and metropolitan settings

There is currently a medical workforce shortage throughout Australia, particularly in rural, regional and outer metropolitan locations. To help address this, our course has a rural and regional focus. Our students complete part of their clinical practice in a rural or regional setting, developing networks in surrounding areas and becoming familiar with the way medicine is practised in the country, along with a better understanding of the social and community aspects of good medical care.

#### Get hands-on experience in the real world

Clinically contextualised learning is a key theme of medicine at Deakin. This means that while you're at university, you'll solve the kinds of problems that you'll encounter when you're working as a doctor.

Our course also includes placements in a range of medical environments, from hospitals and general practices to community healthcare settings in rural south-west Victoria. You'll progressively learn the skills to practise independently in a safe and supported environment, working alongside practising clinicians in differing healthcare contexts.

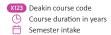
# #1 Victorian university for course satisfaction

Year on year, Deakin's students have the highest course satisfaction rate of all Victorian universities. We've ranked this highly for the past 14 years, with our students being particularly happy with our:

teaching



# Course





#### Doctor of Medicine (1911) ()4 = S1



CAMPUS



Apply to the Doctor of Medicine (MD) and set yourself up for a range of rewarding careers, from general practice to pathology, paediatrics to surgery. The course has a unique focus on rural and regional medicine, Indigenous health and patient-centred communication skills.

You will develop the foundational skills essential for any career in medicine and be given the opportunity to experience healthcare in multiple specialist areas. Our Doctor of Medicine has an emphasis on rural and regional medicine and aims to satisfy the critical shortage of doctors in regional and rural areas, making graduates highly employable.

Start your journey with two years focusing on the foundations of medicine, encompassing medical sciences, clinical capabilities, public health, medical ethics and law, and Indigenous health.

You'll learn to solve the kinds of problems that you'll face in your future career in a supportive environment, while developing your confidence in foundational clinical skills, clinical reasoning and the high-level human capabilities necessary for excellent person-centred care.

In third and fourth year, you'll be immersed in the clinical environment at clinical schools in Ballarat, Geelong, Melbourne, Warrnambool and/or the Rural Community Clinical School, where you will complete programs that cover general practice, medicine, surgery, paediatics, obstetrics and gynaecology, and many other clinical disciplines. deakin.edu.au/ med-clinical-schools

You will also spend time in third year during the Longitudinal Primary and Community Care (LPCC) Program, following patients as they transition between hospital and community care, gaining a broader appreciation of the healthcare system and the patients' healthcare journeys.

Across third and fourth year, you'll complete the Research Scholar Program, gaining foundational skills in analysing evidence and designing research programs that are important for future careers in medicine.

for feedback on your progress, with a program of assessment and self-evaluation that occurs

a rotation of your third-year studies in the Northern Territory to gain a greater understanding of rural and remote medicine

pre-internship hospital rotation in which you'll experience the day-to-day life of an intern.

#### Course themes

Our Doctor of Medicine has four major themes that underpin your study across the four years of the course. Your study experience will allow you to advance the health and wellbeing of communities in Australia and beyond.

#### Medical science and clinical practice -

The biological and behavioural sciences underpinning the practice of medicine, along with the skills required for effective person-centred healthcare practice.

Public health medicine – Healthcare from a community and societal perspective, encompassing epidemiology, population health, health systems and the ways in which healthcare practitioners can support better health outcomes at both an individual and global level.

#### Ethics, law and professionalism -

The foundational and applied concepts required for the ethical basis of health, the social and legal frameworks of medicine, and the professional practice of medicine.

Indigenous health - Addressing social, political, environmental and economic determinants of Indigenous health through appropriate clinical management, community development and cultural safety.

#### Rural Community Clinical School (RCCS)

Our Rural Community Clinical School gives some third-year students the opportunity to spend an entire year of study attached to a general practice with local hospital visiting rights in one of a number of regional centres in western Victoria. These students are able to develop strong community connections and to fully experience the benefits and challenges of regional medical practice. deakin.edu.au/rccs

#### Professional recognition

The Doctor of Medicine is accredited with the Australian Medical Council (AMC). Graduates who successfully complete pre-registration training will qualify as Registered Medical Practitioners in Australia and New Zealand.

#### Careers

Doctor of Medicine graduates are highly sought after for internship positions with healthcare providers in Australia and abroad. Deakin's MD program allows you to develop a deep understanding of the challenges and nuances of rural medicine, putting you in a strong position to address the shortfall of doctors in regional and rural areas.

#### deakin.edu.au/course/H911

Please note that online delivery is only available to students in the Rural Training Stream, with compulsory face-to-face learning in years one and two at either Warrnambool Campus or the East Grampians Health Service in Ararat.





The thing that stood out to me about Deakin was the interview process. I felt it was more personal than the other medical schools I had applied to, and that made a big difference to me. I just felt like I was valued much more by Deakin as opposed to being a cog in a machine.

Alex Patinkin
Doctor of Medicine (MD) graduate

## What is a bonded medical place?

The Australian Government's Bonded Medical Program provides students with a Commonwealth Supported Place in a medical course at an Australian university in return for a commitment to work in an area of workforce shortage for one to six years. Deakin's School of Medicine offers 42 bonded medical places. Regions covered under the Bonded Medical Program are determined by the Department of Health.

1 These numbers are indicative only and may be subject to change.

#### Indigenous Entry Stream

Up to seven domestic places in our Doctor of Medicine course are held for Indigenous Australian applicants applying through the Indigenous Entry Stream. Indigenous Australian applicants can apply with an approved bachelor, honours, graduate certificate, graduate diploma or masters by coursework, and aren't required to complete the Graduate Australian Medical Schools Admission Test (GAMSAT; see page 4).

deakin.edu.au/ies

#### Rural Training Stream

The Rural Training Stream (RTS) is part of the School of Medicine's commitment to address the workforce needs and advance the health and wellbeing of regional, rural, remote, Indigenous and marginalised individuals and communities.

Around 30 existing Doctor of Medicine places will be allocated to the stream, which will help redress the shortfall of doctors in rural areas by recruiting students living in a rural area and who are committed to undertaking their clinical training in a rural area.

Students who accept a position in the Doctor of Medicine through the Rural Training Stream make a commitment to undertake the first two years of their course at either our Warrnambool Campus or the East Grampians Health Service in Ararat. Years three and four of their course will then be conducted through one of our rural clinical schools.

deakin.edu.au/rts

# Supporting socially inclusive medical education

The Damion Drapac Centre for Equity in Health Education was created in memory of Dr Damion Drapac – a graduate of the Deakin School of Medicine, through a generous gift from the Drapac family.

One of the centre's key goals is developing and implementing Pathways to Medicine programs in target communities to recruit, enable access and provide support for students aspiring to a career in medicine.

The flagship program is the Damion Drapac Scholarship for Vocational Doctors. These \$60,000 scholarships (awarded over four years) are open to students commencing the Doctor of Medicine who are from medically underserved populations, experiencing financial limitations and can demonstrate a genuine passion for community medicine.

deakin.edu.au/drapac

## Skills to get you a job

At Deakin, every course is shaped by industry. You'll graduate with real-world expertise and practical skills, giving you a competitive edge in the workplace. Secure your future today at Victoria's #1 university for graduate employment<sup>1</sup> and course satisfaction.<sup>2</sup>

- 1 Graduate Outcomes Survey 2023, Quality Indicators for Learning and Teaching (QILT), based on overall employment for domestic undergraduates, 4–6 months after course completion, equal overall employment rate with Monash University.
- 2 Australian Graduate Survey 2010–2015, Graduate Outcomes Survey 2016–2023, Quality Indicators for Learning and Teaching (QILT).

# Applying to Deakin

Admission to the Doctor of Medicine is determined by a combination of grade point average (GPA) in an approved undergraduate or postgraduate degree, Graduate Australian Medical School Admissions Test (GAMSAT) score, eligible adjustments (bonuses) and interview performance.

#### Step 1

## Complete an approved bachelor degree with the weighted GPA of at least 5.0<sup>1</sup>

A completed undergraduate degree from an Australian university or a higher education institution recognised by the Australian Qualifications Framework, or a recognised degree listed in the National Office of Overseas Skills Recognition (NOOSR) Guide.

Deakin also recognises postgraduate degrees for entry into the Doctor of Medicine, including higher coursework degrees, honours degrees, graduate certificates, graduate diplomas and masters by coursework degrees.<sup>1</sup>

No preference is given to graduates with degrees from particular study areas. Deakin encourages individuals from diverse educational backgrounds, who will bring a variety of talents and interests to the profession.

Degrees must have been completed not more than 10 years before the course commencement date. Applicants whose undergraduate degree was completed outside the 10-year period will only be considered if, at the time of application, they've completed the equivalent of one half year (0.5 full-time equivalent) of tertiary study at honours or graduate diploma level or higher at an Australian tertiary institute. The institute must be recognised by the Australian Qualifications Framework (or equivalent overseas institution determined by Deakin). An exception to this requirement is the Tier 1 Rural Training Stream applicants.

A <u>minimum</u> weighted GPA of 5.0; the GPA score is based on academic grades during the final three full-time equivalent years of the most recent degree. Years are progressively weighted x1, x2 and x3, to give greater weight to the most recent results.

Deakin does not recognise two-year bachelor degrees or one-year conversion degrees for the purposes of admission to our medical course. However, accelerated degrees completed over two years are accepted.

If an applicant receives credit of greater than 1FTE from a program below an AQF level 7, the award is deemed as a conversion degree and will not be accepted. Any credit from an International Baccalaureate will not be accepted.

#### Step 2

#### Register and complete the GAMSAT

The minimum entry requirement is a minimum score of 50 in each of the three sections of the Graduate Australian Medical Schools Admission Test (GAMSAT), and an overall score of 50 or greater. The GAMSAT is not required if you are applying for our Indigenous Entry Stream or are a Tier 1 applicant for our Rural Training Stream. The GAMSAT is held twice a year in March and September and may be completed in your final year of an undergraduate or postgraduate degree. The score on the GAMSAT must have been obtained no more than four years before the course commencement date. An exception to this requirement is the Tier 1 Rural Training Stream applicants. Please refer to the GAMSAT website for details of testing dates: gamsat.acer.org.

#### Step 3

#### Apply through GEMSAS

All applications for the Doctor of Medicine, including those through the Rural Training Stream, must be made via the Graduate Entry Medical School Admissions System (GEMSAS) **gemsas.edu.au**. Applications open in early May and close at the end of May.



### **Adjustments**

Information about the various adjustments (bonuses) that may apply to individuals applying for entry into the Doctor of Medicine can be found on the course page at deakin.edu.au/course/doctor-medicine.



#### Step 4

#### Invitations to interviews are released

In early September, invitations to interview will be sent to around 220 applicants, based on GAMSAT + GPA score (50:50) with additional weighting for adjustments (bonuses). RTS Tier 1 applicants are ranked on the Written Statement + GPA (50:50) with additional weighting for adjustments (bonuses). For more information about adjustments, please visit deakin.edu.au/course/doctor-medicine.

#### Step 5

#### Interviews

Deakin Medical School uses the multiple-mini interview (MMI) process. Each applicant undergoes a series of five-minute interviews at up to 10 stations, using standardised questions and scoring procedures. The stations are designed to assess an applicant's attributes and address areas such as:

- · communication skills
- commitment to rural and regional practice
- effective use of resources
- evidence-based practice
- health promotion
- motivation for a career in medicine
- professionalism
- · social justice
- · teamwork.

#### Step 6

#### Offers into medicine are released

In November, the School of Medicine will offer 103 Commonwealth Supported Places and 42 bonded medical places to successful applicants.<sup>2</sup>

- 1 As a minimum requirement, applicants must hold a completed bachelor degree (with a minimum weighted GPA of 5.0) or be in the final year of a bachelor degree (scheduled for completion by 31 December in the year of application) to be considered for selection.
- 2 These numbers are indicative only and may be subject to change.

## Indigenous Entry Stream

In partnership with the National Indigenous Knowledges, Education, Research and Innovation (NIKERI) Institute, the School of Medicine offers an Indigenous Entry Stream, with up to seven Commonwealth Supported Places available to Indigenous students. The GAMSAT is not required for applicants of this entry stream.

#### Minimum entry requirements

- Completion (or in the final year) of an approved bachelor degree, honours degree, graduate certificate, graduate diploma or masters by coursework from an Australian higher education institution.<sup>1</sup> Degrees must have been completed in the past 10 years.
- A minimum Grade Point Average (GPA) of 5.0 out of 7.0 (approximately 70% grade average).
- Performance in an interview.<sup>2</sup>
- Applicants must complete an Indigenous Entry Stream application form and provide a CV with the application.

Applications via the Indigenous Entry Stream should be directed to som-selection@deakin.edu.au.

Visit deakin.edu.au/ies for further information.

## **Rural Training Stream**

Eligibility for entry into the Rural Training Stream (RTS) requires:

- completion (or in the final year) of an approved bachelor degree, honours degree, graduate certificate, graduate diploma or masters by coursework from an Australian higher education institution.<sup>1</sup>
   Degrees must have been completed in the past 10 years unless you are a Tier 1 RTS applicant.
- a minimum Grade Point Average (GPA) of 5.0
- submission of a written application demonstrating rural community connection, an interest in rural medicine and evidence of capability to undertake postgraduate study
- completion of the GAMSAT (see step 2 above), noting that the GAMSAT is not a requirement for Tier 1 RTS applicants
- Deakin uses the Australian Government's Modified Monash Model to define whether a location is a city, rural, remote or very remote.
   RTS applicants must demonstrate 10 years cumulative or five years consecutive residency in one of three rurality tiers:
  - Tier 1: Deakin's rural footprint, as defined by location in the geographic area defined below<sup>3</sup>
  - Tier 2: MM 2-7 in Rural Victoria
  - Tier 3: MM 2-7 in other areas of Rural Australia.

Multi-mini interviews for the RTS are conducted in September.

 $\label{thm:continuous} \mbox{Applications for the Rural Training Stream are submitted through GEMSAS.}$ 

 $\label{thm:constraint} \mbox{Visit } \mbox{\bf deakin.edu.au/rts} \mbox{ for further information}.$ 

<sup>1</sup> As a minimum requirement, applicants must hold a completed bachelor degree or be in the final year of a bachelor degree (scheduled for completion by 31 December in the year of application) to be considered for selection.

Score based on performance at the interview in which applicants must achieve a minimum overall score of 50%.

The Deakin rural footprint is all locations in the Western Victorian Primary Health Network area that are classified as MM3–MM6 (Large Rural Towns, Medium Rural Towns, Small Rural Towns, Remote Communities). It includes MM2 (Regional Centres) areas surrounding Ballarat, given that Ballarat is the location of one of Deakin's rural clinical schools.

# Research

#### Research that makes a difference

Research at Deakin feeds directly into the development and teaching of our undergraduate and postgraduate courses, which means that you'll graduate with knowledge from the cutting edge of health and medical science. Our research spans the spectrum of health and disease, with a focus on:

- ageing and chronic illness
- disability
- infant and child health
- infection and immunity
- nutrition and metabolism
- physical activity and musculoskeletal medicine
- rural health and Healthcare access
- social and mental health.

Our state-of-the-art facilities and strong external partnerships give our world-class researchers the tools and connections they need to push the boundaries of knowledge in health and disease. For example, our researchers are identifying the causes of diseases at a molecular level, formulating new strategies to combat globally important diseases such as malaria, diabetes, leukaemia and other cancers. In the mental health domain, our researchers are working to develop innovative treatments for people with psychiatric disorders, while our research into autism has led to the adoption of improved diagnostic and treatment guidelines by the international medical community.

Other research is investigating lifestyle and environmental risk factors for psychiatric disorders, including the first study showing that depression can be treated simply by improving diet. This has changed our understanding of and approach to both treatment and preventative interventions

Deakin researchers are also overseeing Australia's longest-running longitudinal study on child development. Insights gleaned from this project will improve public health policy and potentially break inter-generational cycles of disadvantage.

For more research stories, visit deakin.edu.au/research.





The Deakin School of Medicine is committed to recruiting students from diverse backgrounds to its health professional programs. We want our graduate cohorts to look as much as possible like the communities that they will serve, so we would really encourage people from a wide range of backgrounds – who might not even have thought it would be possible for them to become a health professional – to consider studying with us.'

#### Professor Gary D Rogers

Dean of Medicine. Deakin School of Medicine

#### Research groups

Deakin Medical School conducts a vibrant program of research, undertaken by more than 200 research staff and students within a number of outstanding research groupings and partnerships. This has contributed to a body of research judged well above world class that aligns with one or more of the School's research pillars:

- infection, immunity and cancer
- metabolic and musculoskeletal medicine
- neuroscience
- rural and regional health.

## The Institute for Mental and Physical Health and Clinical Translation (IMPACT)

IMPACT develops new and effective responses to mental and physical health challenges at both the individual and population levels. The team uses cutting-edge approaches to translate medical research from the laboratory to real-world solutions across seven research areas:

- clinical interventions
- · food and mood
- · infection, immunity and cancer
- mental health disorders and neuroscience
- molecular medicine
- novel treatment discovery
- population health.

These seven themes bring together worldclass researchers, early and mid-career scientists and postgraduate students to develop innovative diagnostics, treatments and therapies for mental health conditions and chronic diseases.

#### Deakin Rural Health

Deakin Rural Health is one of 20 University Department of Rural Health (UDRH) groups around Australia supported by the Australian Rural Health Education Network (ARHEN), representing rurally based academic facilities that work with all health disciplines at both tertiary (undergraduate and postgraduate) levels and the current workforce.

It also serves to coordinate rural and regional health research in the School in partnership with the National Centre for Farmer Health and the Centre for Rural Emergency Medicine via the Rural Health University Network (RHUN).

#### National Centre for Farmer Health (NCFH)

NCFH is a partnership between Deakin University and Western District Health Service, which represents a research, service delivery and education centre that provides national leadership to improve the health and wellbeing of farmers, farm workers and their families across Australia

# Centre for Innovation in Infectious Disease and Immunology Research (CIIDIR)

CIIDIR is an initiative of Barwon Health and Deakin University unifying our infectious disease, microbiome, and immunology expertise, bringing together a vibrant network of researchers working collectively to reduce the burden of infectious and immune-mediated disease in our community and beyond.

Research in CIIDIR encompasses four main Research Pillars:

- Molecular Microbiology,
- · Immunity and Inflammation,
- Population Health and Biology, and
- Clinical and Public Health Research.

Research projects in disease areas such as COVID-19, Buruli ulcer, malaria, staphylococcal infections, antimicrobial resistance, microbiome and allergic disease and asthma provide access to cross-disciplinary training, resources and enabling platforms. Many of our projects have a focus on population and clinical studies, ensuring that our research discoveries are translated into solutions for human health.

deakin.edu.au/research

## Award-winning university career service<sup>1</sup>

DeakinTALENT will prepare you to secure the jobs of tomorrow. Our award-winning service is available to you from day one and will support you for the rest of your career. You'll have lifetime access to career coaching, industry networking opportunities and a comprehensive suite of digital resources helping you develop the most employable version of yourself.

#### deakintalent.deakin.edu.au

1 Australian Graduate Recruitment Industry Awards 2017, 2018, 2019, 2020 winner for most popular career service in Australia; Employability award, 2021 Australian Financial Review Higher Education Awards.







# DEAKIN OPENDAY

Warrnambool
SUNDAY 3 AUGUST

Geelong Waterfront and Waurn Ponds **SUNDAY 17 AUGUST** 

Melbourne Burwood **SUNDAY 24 AUGUST** 

openday.deakin.edu.au