For the past 50 years, Monash people have been involved in changing the world and making a difference to the health and wellbeing of communities and society.

Monash people have inspired ideas that have become reality, contributing to advances in many areas such as obesity research, drug design, cardiovascular physiology, functional genomics, infectious diseases, inflammation, psychology, neurosciences, and mental health.

Medicine, nursing and health sciences cover a broad range of health-focused disciplines. So, whichever course you choose, you will develop the skills and capabilities to make a difference.
Be part of a community

Monash is a multi-disciplinary community. You will learn alongside students from all areas of the health profession, offering a similar learning experience to a real-world environment.

We partner with some of the state’s largest healthcare facilities, including The Alfred Centre (Victoria’s leading trauma centre), Monash Health, Eastern Health, Peninsula Health, Bendigo Health and The Epworth. So, as a Monash student you will be exposed to a range of clinical opportunities from early in your course.

Choice and opportunity

All undergraduate courses offered by the Faculty of Medicine, Nursing and Health Sciences are specialist courses. This allows you to focus on your chosen area of study from day one. They are designed to give you the knowledge and skills needed for professional practice in a field. Most also meet specific profession accreditation requirements.

Clinical practice and/or fieldwork are integral components of most of our courses. They provide you with many opportunities, including the chance to embed early in your chosen profession.

Monash has important medical and biomedical research groups and institutes, home to some of Australia’s brightest researchers. Many of these researchers are lecturers who contribute towards writing the curriculum.

When you choose to study at Monash, you are guaranteed a world-class education. A Monash qualification is recognised around the world, so no matter where you go, you will be able to work in your field.

Zheng Jie Lim
Y3 Medical Student

“...we are not just studying how to become medical doctors. We are also becoming familiar with our wider role within the medical field, and the importance of working together with other health professionals in order to provide better patient care. This is something Monash does really well, because we’re exposed to a variety of different disciplines from early on, such as physiotherapy and pharmacy.”
A modern and progressive university

We have inspired ideas that have become reality, such as achieving one of the world’s first IVF pregnancies in 1973. We encourage you to think progressively and come up with the solutions to tomorrow’s problems.

We have grown and we are now at the forefront of research and education in the medical and health fields. We are consistently ranked in the top 50 medical schools in the world. The 2014/15 Times Higher Education World University Rankings places us at 46 in the world in clinical, pre-clinical and health education.

BASE

The BASE (Be Active Sleep and Eat) facility has been designed to provide an environment conducive for community volunteers to take part in research, which contribute to advancing the science of exercise and activity, sleep and nutrition.

Through a multidisciplinary approach to optimise health and wellbeing, a team of accredited academics and professionals are pioneering the integration of nutrition, sleep, exercise physiology and physical therapy from research into practice.

3D-printed anatomy

The “3D Printed Anatomy Series”, developed by experts from Monash University, uses CT technology to “print” anatomically accurate body parts. The kit contains no human tissue, yet it provides all the major parts of the body required to teach anatomy of the limbs, chest, abdomen, head and neck.

monash.edu/news/show/3d-printed-anatomy-to-mark-a-new-era-for-medical-training

Benefit from world-class facilities

Monash University has cutting-edge, state-of-the-art equipment and research facilities. An example of this is the virtual reality environment of CAVE2™ which combines extraordinary hardware and software technologies to render complex data and geometry as very high resolution 3D images in a physical space that puts the observer right in the middle of the whole experience. This perspective opens up new possibilities, and new ways to see and observe.

The Monash CAVE2™ was the world’s most advanced visualisation facility of its type at the time of launch and remains a landmark instrument two years later.

med.monash.edu.au/base

The outstanding success of our students and graduates is testament to the calibre of teachers and students and the case-based/problem-based learning style.
Melbourne offers a great mix of experiences and is one of the most popular study destinations for international students. This allows you to experience a truly multicultural setting with students in the faculty coming from over 90 countries.

Monash is located in Melbourne, Australia, which has recently been named the world’s most liveable city for the fifth year in a row by the Economist Intelligence Unit.

Melbourne is home to many of the places and events that define the Australian culture. From sport to fashion to music to modern Australian cuisine, Melbourne has it all.

A study experience in Melbourne gives any student a genuine taste of Australian life – it is also a perfect gateway for those adventurers wanting to explore the Australian bush and a short plane trip for most of the country’s must-see tourist destinations.
To get the full university experience, live on-campus at Monash. With everything close by, you can practically hop out of bed and go straight to your classes. Want to go for a swim? The pool is next door. Grocery shopping? The supermarket is a five-minute walk away. Banks, cafes, restaurants, parks, libraries, sporting facilities and a cinema – all are within easy reach.

Living on campus is a great way to experience university life. Make new friends, be part of the Monash community and take the stress out of hunting for a place to live. Our residential support teams are always on hand to help with your transition to campus living and help you make the most of your university experience. Monash on-campus accommodation is available at Clayton and Peninsula campuses. Book early to secure your place.

mrs.monash.edu

LIVE ON-CAMPUS

Off-campus accommodation

Not interested in living on campus?

There are plenty of off-campus options. If you need help deciding or advice on how to get started, give us a call. We will be happy to help you with any queries you have – not just before arriving but throughout your entire time at Monash.

mrs.monash.edu.au/offcampus/index.html

DID YOU KNOW?

Living on campus is a great way to experience university life. It is close to all the campus facilities and a good way to make new friends. Forming study groups is easy with fellow student residents and helps to ensure academic success.

Clayton

Clayton is the largest of Monash’s campuses. It combines a vibrant research, technology, and manufacturing precinct with first-rate sporting facilities, shops, a student centre, libraries, a post office, banks, medical services and religious centres. The campus can be reached by public transport utilising an extensive bus network combined with train stations in surrounding suburbs.

Caulfield

Caulfield is the second-largest Monash campus, with about 14,000 students. Caulfield is nine kilometres from the Melbourne city centre and adjacent to Caulfield train station. The campus has a gym, library and cafes, and is close to several shopping precincts.

Peninsula

The Peninsula campus is about 40 minutes south of Melbourne, located near the beach. There is a bus connection to Frankston train station, and a free shuttle bus runs between Peninsula and Clayton campuses.

The campus is a centre for training health professionals. Courses taught at this campus include nursing and midwifery, emergency health and paramedic practice, physiotherapy and occupational therapy.
There’s an extensive range of support services for you to access, from medical assistance through to accommodation support and academic help.

You can raise an issue with one of our student advisers or find out information on extra curricular activities, such as sporting clubs, societies or events.

One example is the Student Academic Support Unit (SASU) that provides academic support for undergraduate students within the Faculty of Medicine, Nursing and Health Sciences. Teaching programs include assistance with academic writing, approaches to study, oral presentations, and clinical communication skills, as well as language support for students from non-English speaking backgrounds.

In addition, there are lots of opportunities to get involved in other student programs and volunteer for events within the faculty and the wider university.

For more information on Monash support services visit: monash.edu/students/support

Support resources for Medicine, nursing and health science students: med.monash.edu.au/medical/central/current-students.html

DID YOU KNOW?

MonTRACK is a service specially designed for first years. We will contact you four to five times throughout the year to make sure that you are getting the most from your Monash experience. It is an opportunity to address any issues you might have transitioning to university study.

Clubs and societies

Monash is home to over 100 student-run clubs and societies. These clubs bring together like-minded students and organise activities, events, competitions, productions, get-togethers, seminars, camps, conferences and more for over 10,000 student members.

Student experience is enhanced by access to a variety of clubs:

■ academic
■ cultural
■ halls of residence
■ performing arts
■ political
■ social welfare
■ special interest
■ spiritual.

Some clubs of specific interest to you might be:

■ Monash Health Science Society (MHS)
■ Monash University BND Society
■ Monash University Nursing and Midwifery Club (MUNC)
■ Monash University Paramedic Society (PAPA90C)
■ Monash University Physiotherapy Society (MUPS)
■ Society of Occupational Therapy (BOOT)
■ Neuroscience and Psychology Society (SNAPS).

Monash University Medical Undergraduates’ Society (MUMUS)

MUMUS is the student society that represents the 2000 med students enrolled at Monash Clayton (undergraduate) and Monash Churchill (graduate). You’re automatically a member just by enrolling in the Medicine course.

Throughout your degree, MUMUS is your voice to the faculty and to the Australian Medical Students Association (AMSA) as well as your source of social events, academic support and wellbeing endeavours.

MUMUS hosts a huge range of social events including an exciting O-Week, our much-anticipated MedBall, Pleasant Friday Evenings (PFEs), MedCamp, sports days and community events. We also provide a wide range of academic support – from revision lectures, to study groups, to career nights – as well as having an amazing Community and Wellbeing team who host events that help you deal with stress and perfect the art of the med-life balance.

As a medicine student you can also join:

■ WILDFIRE (med.monash.edu.au/wildfire), our Rural Health Club
■ Ignite (ignitehealth.org.au), our Rural Health Club
■ Team:MBD (teammed.wordpress.com), an international health initiative providing opportunities to volunteer overseas.
Monash University is a member of Australia’s Group of Eight universities. The group’s members produce more than 70 per cent of all basic research conducted at all of Australia’s public universities.

Monash is a five-star plus institution. Receiving five-star ratings in a range of qualities from employability to sport facilities and community engagement. This means we are not just world-class but an elite destination to which the very best students and faculty worldwide aspire.

In 2015, the Faculty had 13,071 students enrolled.*

Australian Research Council LIEF scheme 2016.

In 2015 we launched
3D printed body parts
revolutionising how human anatomy is taught around the world.

In 2015, the Faculty had
10,660
domestic students
2,411
international students

Monash Institute of Cognitive and Clinical Neurosciences
- 1 of 4 Advanced Health Research and Translation Centres in Australia.

An $84m state-of-the-art NHMRC Translational Research Facility will co-locate research institutes and clinicians.

Monash Partners* is
Monash Institute of Cognitive and Clinical Neurosciences
- 1 of 4 Advanced Health Research and Translation Centres in Australia.

An alumni network of over 37,000 spanning over 40 countries worldwide.

If you want to start your health career sooner, Monash offers you that opportunity. We offer the only direct entry medical program in Victoria, enabling you to start your journey to become a doctor from day one of your studies.

Monash is partnering with the Victorian government to build Australia’s first dedicated heart hospital: Victorian Heart Hospital.

In 2015 we launched
ASPREE (ASPirin in Reducing Events in the Elderly) is the largest primary prevention aspirin study ever undertaken in healthy older people.

An $315m nano-crystallisation facility to support cutting-edge biological research in Australia.

A proud history of breakthroughs: we delivered Australia’s first IVF baby in 1980.

The first university to partner with Pfizer CTI outside of the USA.

Funded to establish a world-leading automated nano-crystallisation facility to support cutting-edge biological research in Australia.

* Based on preliminary data.

Monash University is the only Australian member of the prestigious M8 Alliance of Academic Health Centres, Universities and National Academies. This global grouping includes Johns Hopkins University, University Sorbonne in Paris, Imperial College London and the Charité in Berlin.
Shistata Shrestha  
Bachelor of Nutrition Science 3rd year  

“The Bachelor of Nutrition Science has expanded my perspective in what a nutrition-related career encompasses. The opportunities that the course provides are immense, and it prepares students to work in the food-industry or in public health, start a research career or to undergo further studies in the dietetics field. I chose to study Nutrition Science because food can unite people, provide sustenance, and improve health. Monash University was also my first preference, not just for the prestige the name holds, but also because of the quality of education provided. Through the challenges and rewards of my course, it has pushed me to delve into areas of Nutrition Science that I had not considered before, and develop skills for professional practice.”

James Bonnanny  
Lecturer, Monash Nursing and Midwifery  

“Monash University was the sensible choice when I decided to make the transition from clinical practice to academia. As a Group of Eight University I knew I would be afforded research and teaching opportunities that rival those available at other universities.”  

“Having completed my Bachelor of Nursing and Master of Nursing at Monash University I was aware that Monash Nursing and Midwifery academics are highly respected leaders in their fields. I wanted to work with an exceptional team of passionate academics.”  

“Since commencing at Monash University in 2013 I have been well supported to deliver innovative nursing and midwifery education using the latest educational research to ensure that Monash Nursing and Midwifery graduates continue to be highly sought after.”  

“I really enjoy the vibe and enthusiasm of our students who are passionate learners wishing to make a difference to the lives of those who find themselves needing care from a nurse or midwife. The students enthusiasm is infectious and drives my desire to deliver quality teaching and learning opportunities.”

Mohammed Hatem  
Bachelor of Biomedical Science graduate  

“The road to studying biomedical science at Monash was longer for Mohammed Hatem than for many of his classmates. After travelling the globe, Mohammed found a new home at Monash Clayton. “The Bachelor of Biomedical Science has expanded my perspective in what a biomedical-related career encompasses. The opportunities that the course provides are immense, and it prepares students to work in the food-industry or in public health, start a research career or to undergo further studies in the dietetics field. Our course has a relatively small cohort, which provides many opportunities for close interaction between students and academics. This creates an excellent and supportive environment that encourages you to learn from innovative and diverse peers. I chose to study Biomedical Science because food can unite people, provide sustenance, and improve health. Monash University was also my first preference, not just for the prestige the name holds, but also because of the quality of education provided. Through the challenges and rewards of my course, it has pushed me to delve into areas of Nutrition Science that I had not considered before, and develop skills for professional practice.”

Maneesha Bourier  
Bachelor of Nursing, second year  

“Having always been interested in the medical field, I knew I would choose a profession in healthcare. I have always loved looking after people, and been fascinated about the body and how it works so the obvious choice for me was nursing. I have a passion for paediatric health, and want to go on to study midwifery, and eventually work in paediatrics. What I love most about nursing, is that we care for the whole person by treating the disease or injury, as well as looking at different barriers that can affect how someone accesses the appropriate healthcare. We educate patients about their own health. We explain and help to implement changes to a patient’s lifestyle to help them achieve the best possible health outcomes.”

Choosing where to study nursing was easy, as Monash University has one of the best reputations in Australia. After visiting the Nursing facilities and listening to faculty members and other students, I knew I had made the right choice. The Clinical Learning Environment (CLE) is an amazing place, set up just like a hospital where we practice our clinical skills. The CLE has mannequins for us to practise on, which can be programmed to make noises and exhibit particular symptoms, which is great for enhancing our learning. The career prospects after studying at Monash are also great, with 95 per cent of nursing graduates receiving a graduate place before finishing the course.”
All courses offered by the Faculty of Medicine, Nursing and Health Sciences are specialist courses, meaning you will focus on your chosen area of study from day one.

**Specialist courses**

Monash specialist courses enable you to concentrate in a particular area of study from day one, giving you the focus and depth required for entry into many careers as a graduate. They’re designed to give you the knowledge and skills needed for professional practice in a field, many of which need specific professional accreditation requirements to be met before you can practise. Most Monash specialist courses offer a choice of specialisations you can take, which determines the qualification you’re awarded.

Specialist courses are between three to five years in duration. If you graduate from a specialist course of four years or longer you receive an honours qualification. This is a higher-level qualification than a standard bachelor’s degree, and means that you are usually eligible to complete a master’s degree in the same discipline with only one additional year of study, or 18 months in a different discipline.

**Double degrees**

Become an expert in two fields by choosing a double degree course. This allows you to study towards two different bachelor’s degrees at the same time, providing you with more career flexibility and opportunities. A double degree course takes at least two years less to complete than if you studied the two courses separately because the required units from one course count as electives in the partner course. Double degrees are only available with our Bachelor of Biomedical Science. This can be combined with a qualification in commerce, science, engineering or law.

**SPECIAL REQUIREMENTS**

Failure to hold satisfactory checks may result in students being unable to complete this course.

- **Immunisations:** Students must satisfy immunisation requirements in order to participate in placements that are compulsory for the course.
- **Police check:** Students must complete a National Police Records Check every year before undertaking placements.
- **Working with Children Check:** Students must hold a Working With Children Check before undertaking clinical placements.
- **Health check:** Students must comply with the stipulations of Ambulance Victoria that a medical and fitness examination be completed as a specific prerequisite for clinical placements. You will have to meet all associated costs. Go to the Ambulance Victoria website for more details.
- **Drug administration and Controlled Substances policy:** Students should be aware of their legal responsibilities regarding the administration and storage of drugs in keeping with the Drugs Poisons and Controlled Substances Act 1981 (Vic) and the Drugs Poisons and Controlled Substances Regulations 2006 (Vic). The School of Nursing and Midwifery has formulated a policy and students should be aware of the drug-administration policy relevant to their particular year of study. Refer to the Faculty’s clinical guidelines webpage.
- **First aid:** It is highly recommended that students hold a current registered Level 2 or Senior First Aid Certificate prior to enrolling in the Bachelor of Medical Science and Doctor of Medicine.

**SPECIALIST COURSES AVAILABLE**

- Bachelor of Biomedical Science
- Bachelor of Biomedical Science Advanced (Hons)
- Bachelor of Health Sciences
- Bachelor of Emergency health and paramedic practice
- Bachelor of Human services
- Bachelor of Public health science
- Bachelor of Radiation sciences
- Bachelor of Medical Science and Doctor of Medicine
- Bachelor of Medical Science and Doctor of Medicine (MD)
- Bachelor of Nursing, or Bachelor of Nursing (Scholars Program)
- Bachelor of Nursing and Bachelor of Midwifery (Hons)
- Bachelor of Nutrition Science
- Bachelor of Occupational Therapy (Hons)
- Bachelor of Physiotherapy (Hons)
- Bachelor of Psychological Science Advanced (Hons)
- Bachelor of Radiography and Medical Imaging (Hons)
Bachelor of Biomedical Science

including Scholars Program

PROGRAM

Progression map – sample only

<table>
<thead>
<tr>
<th>YEAR</th>
<th>SEMESTERS</th>
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| 01   | Biomedical chemistry  
|      | Cells, tissues and organs  
|      | Medical biophysics  
|      | Elective  
| 02   | Molecular biology  
|      | Human neurobiology  
|      | Public health and preventative medicine  
|      | Elective  
| 03   | Human genetics  
|      | Microbes in health and disease  
|      | Introduction to bioinformatics  
|      | Elective  

SCHOLARS PROGRAM

Very high-achieving students can apply for access to our Scholars Program, which provides a range of extracurricular opportunities to engage with research staff and the advanced technical facilities used for research.

Prerequisite studies

VCE

| English: Units 3 and 4: a study score of at least 35 in English (EAL) or 30 in English other than EAL |
| Math or Science: Units 3 and 4: a study score of at least 25 in Mathematical Methods (CAS), Specialist Mathematics or Physics |
| Science: Units 3 and 4: a study score of at least 25 in Chemistry |

IB

| English: At least 5 in English SL or 4 in English HL |
| Math or Science: At least 4 in Mathematics SL or 3 in Mathematics HL or 3 in Further Mathematics or 3 in Physics SL or 3 in Physics HL |
| Science: At least 4 in Chemistry SL or 3 in Chemistry HL |

Prerequisite studies (Scholars Program)

VCE

| English: Units 3 and 4: a study score of at least 35 in English (EAL) or 30 in English other than EAL |
| Math or Science: Units 3 and 4: a study score of at least 40 in Mathematical Methods (CAS), Specialist Mathematics or Physics |
| Science: Units 3 and 4: a study score of at least 40 in Chemistry |

IB

| English: At least 5 in English SL or 4 in English HL or 6 in English B SL or 5 in English B HL |
| Math or Science: At least 7 in Mathematics SL or 7 in Further Mathematics or 6 in Mathematics HL or 6 in Physics SL or 6 in Physics HL |
| Science: At least 7 in Chemistry SL or 6 in Chemistry HL |

SCHOOLS PROGRAM

Very high-achieving students can apply for access to our Scholars Program, which provides a range of extracurricular opportunities to engage with research staff and the advanced technical facilities used for research.

The biomedical sciences help us understand disease, how it occurs, what happens and how we can control, cure and prevent it. Breakthroughs in biomedical science improve the quality of people’s health and lives.

Our multidisciplinary approach to teaching, presence in major hospitals, and international links will give you access to an exciting world of possibilities and prepare you to graduate ready to make a difference in people’s lives worldwide.

Your training in biomedical science will be comprehensive and challenging for the duration of your studies, and you will learn from leading teacher-researchers.

First-year units covering biomedical chemistry, medical biophysics, human neurobiology, and other key areas will set the foundations of your professional development, which will be enriched by second- and third-year units in areas such as human genetics, bioinformatics, and molecular mechanisms of disease. In this interdisciplinary course you will learn about the science of body systems and the design and use of biomedical data. You will gain the skills you need to understand and investigate human biology and make a difference to human health in a wide variety of career paths.

Career options

Biomedical science is a vocational path to a wide range of career prospects. The course incorporates a flexible choice of subjects that encompass the wide diversity of biomedical sciences. Graduate destinations have included medical research, graduate medicine, allied health and working in industry. Some of these careers require further study.

Graduate destinations have included:

- Medical research
- Graduate entry medicine
- Post Graduate studies
- Working in industry
- Biomedical science is a vocational path to a wide range of career prospects. The course incorporates flexible choice of subjects that encompass the wide diversity of biomedical sciences.

Graduates can continue into fields such as:

- Biomedical equipment and pharmaceutical sales.

Opportunities also exist in:

- product development and testing
- food industry
- biomedical equipment and pharmaceutical sales.

More career information is available at med.monash.edu/sobs/careers

Career opportunities

Biomedical science is a vocational path to a wide range of career prospects. The course incorporates flexible choice of subjects that encompass the wide diversity of biomedical sciences.

Post Graduate studies

A degree in biomedical science can position you well for a career that allows interaction with patients. All of these careers will require some degree of formal education and/or on the job training. However, credits may be awarded for your biomedical science studies.

Graduates can continue into fields such as:

- Biomedical equipment and pharmaceutical sales.

Opportunities exist in:

- product development and testing
- food industry
- biomedical equipment and pharmaceutical sales.

More career information is available at med.monash.edu/sobs/careers

Graduate entry medicine

An undergraduate degree in biomedical science provides an ideal foundation for graduate entry medicine programs.

From 2017, at least 50 of the 75 places available into the graduate entry MD at Monash will be reserved for students who have completed the Monash University Bachelor of Biomedical Science. GAMSAT will not be required for 2017 entry and beyond.

med.monash.edu.au/medicine/admissions/grad-entry/2017-entry.html
Bachelor of Biomedical Science Advanced (Honours)

The Bachelor of Biomedical Science Advanced (Honours) is a high-profile course designed for talented students who expect to pursue a career in biomedical research. It is an advanced version of the Bachelor of Biomedical Science, providing all the benefits of that course with additional opportunities for you to develop research, communication and teamwork skills.

You will learn from leading health professionals how to position yourself in the forefront of future medical research, with the ability to address the complex and challenging problems of human health as it affects both individuals and populations. In your research-based honours year, for example, you could contribute to our world-renowned work in using stem cells to treat bowel cancer, repair damaged brains in babies and even save snow leopards.

The Biomedical science course covers the themes of molecular and cellular biology, body systems, infection and immunity, disease and society, and the diagnostic and research tools. Electives allow you to design a specialised program around your particular interests, or you can choose units from other faculties to broaden your horizon.

Your advanced studies in Biomedical science, by way of the fourth-year Honours research program, will extend your discipline knowledge and develop your ability to critically evaluate biomedical research and to apply appropriate methodologies to conduct independent research in biomedical science. Areas in which you may undertake research include anatomy, developmental biology, biochemistry, epidemiology, genetics, immunology, molecular biology, pharmacology and preventive medicine. The honours year will enable you to develop strong problem-solving skills and the ability to apply analytical thinking.

Career options
As a graduate, you will be in a position to pursue an international research career. Biomedical science is a vocational path to a wide range of career prospects. The course incorporates a flexible choice of subjects that encompass the wide diversity of biomedical sciences. Graduate destinations have included medical research, graduate medicine, allied health and working in industry. Some of these careers require further study.

Prerequisite studies

VCE
- English: Units 3 and 4: a study score of at least 35 in English (EAL) or 30 in English other than EAL.
- Maths or Science: Units 3 and 4: a study score of at least 30 in Mathematical Methods (CAS), Specialist Mathematics or Physics.
- Science: Units 3 and 4: a study score of at least 30 in Chemistry.

IB
- English: At least 5 in English SL or 4 in English HL or 6 in English B SL or 5 in English B HL.
- Maths or Science: At least 5 in Mathematics SL or 4 in Further Mathematics HL or 4 in Physics HL or 5 in Physics SL or 4 in Physics HL.
- Science: At least 4 in Chemistry SL or 3 in Chemistry HL.

Other study opportunities
- Special programs for Biomedical Science students
  - Kings College London, United Kingdom
  - Karolinska Institute, Sweden
  - Newcastle-upon-Tyne, United Kingdom
monash.edu/study-abroad

For in-depth course descriptions and structures visit: study.monash/courses
Bachelor of Health Sciences

Are you passionate about health? Do you want to contribute to addressing real health challenges at the individual or community level? If so, Health sciences at Monash is for you.

The course will provide you with a sound foundation in health science, and a broad overview of healthcare, and skills in identifying, investigating, analysing and assessing health issues. This foundation builds to four specialisations, enabling you to pursue a variety of allied and public-health career paths:

- Emergency health and paramedic practice
- Human services
- Public health science
- Radiation sciences.

Whichever path you choose, you will emerge with a highly respected qualification, a valuable set of skills and knowledge, and excellent employment prospects in clinical-health provision, or non-clinical fields such as epidemiology, health promotion or health policy.

The first half of your degree will focus on building a core foundation in human disease and health care. You will be exposed to the influence of biological, behavioural, developmental, social and environmental determinants of health.

Having acquired the basic scientific, anatomical and epidemiological knowledge that you will utilise throughout your career, you will begin your specialist studies in the second half of your second year. Depending on the specialisation you are enrolled in, this may mean broaden your engagement from the Caulfield campus (where the common units are taught) to the Clayton or Peninsula campuses.

You will learn from passionate teachers, who are experts in clinical practice, research, and real-world public health challenges such as accident recovery, disease prevention, obesity, and problem gambling. Our extensive global network of researchers, health professionals, and clinical partners ensure that the scope of your studies is expansive and relevant.

Prerequisite studies

**VCE**
- English: Units 3 and 4: at least 30 in English (EAL) or 25 in English other than EAL
- Maths: Units 3 and 4: at least 22 for maths methods or specialist maths, or at least 25 in any other mathematics

**IB**
- English: At least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL
- Maths: At least 4 in Mathematics SL or 4 in Further Mathematics SL or 4 in Mathematical Studies SL or 3 in Mathematics HL
**Bachelor of Health Sciences – specialisations**

**Emergency health and paramedic practice**

Studies in Emergency health and paramedic practice will qualify you for employment as a paramedic in ambulance and community-based emergency health services.

Paramedics are at the forefront of medical care in the community. They provide unscheduled health care for people experiencing a health emergency, initiating care and determining appropriate referral of patients to enable continuing care. Paramedics are also required to cooperate effectively with other emergency services to respond to mass-casualty incidents in a range of situations.

This demanding, occupationally oriented specialisation will supply you with the skills to assess life-threatening situations, provide emergency care and potentially save lives.

You will learn about the role of paramedics in the community and undertake practical and highly focused studies in the following areas of paramedic management:

- trauma conditions
- respiratory conditions
- cardiovascular conditions
- mental health conditions
- complex medical conditions
- maternal and neonatal health conditions.

You will also gain core skills in pharmacotherapy in community-based emergency health services.

On completion of your course, you will have the practical skills of paramedics to assess and care for patients with out-of-hospital acute emergencies and chronic conditions. You will have acquired the clinical competence for the community-based emergency health setting using a patient-centric, systematic clinical approach.

You will also have a professional knowledge of epidemiology, population health, research methods and principles of evidence-based practice, and – most fundamentally – you will emerge from your studies ready to respond to life-threatening situations.

**Location**

Caulfield 1.5 years; Peninsula 1.5 years

**Special requirements (see page 16)**

For in-depth course descriptions and structures visit: study.monash/courses

**Human services**

Human services at Monash focuses on child and family wellbeing and community work, and how to promote their positive development. In particular, it looks towards improving the lives of people who are disadvantaged.

This expertise is sought after by government and community agencies – in contexts that range from schools to correctional facilities, housing to mental health services. This specialisation will prepare you upon graduation for direct entry into the Master of Social Work (Qualifying) with credit for up to four units.

You will learn about cultural, social, psychological and environmental issues affecting human mental and physical health and the provision of care. You will also undertake studies in social work practice modes and principles of intervention relating to individuals, families, groups and communities. Your focus will be on implementing and promoting child and family wellbeing programs and working with communities to build capacities.

An emphasis on current practice and deep links with the social work and human services professions is integrated through supervised professional practice. It includes studies in social work research, social policy and leadership.

**Career options**

You will be eligible to gain employment in human and community service organisations and with government departments on completion of this degree.

**Location**

Caulfield

**Special requirements (see page 16)**

For in-depth course descriptions and structures visit: study.monash/courses

**Public health science**

Stop outside the clinic to play a leading role in the promotion of health and management of disease with Public health science.

Public health focuses on populations and communities rather than individuals, and spans the spectrum from promoting good health, through to preventing disease and managing illness and disability.

Your studies will include aspects of biomedical sciences (such as physiology and pharmacology) and of social sciences (such as sociology), along with public health, epidemiology, biostatistics and research methods.

The specialisation focuses on developing, implementing and evaluating programs and policies to promote health and prevent disease and injury; and undertaking public-health research. It has a global orientation, examining both Australian and international health challenges.

From the outset, you will learn to apply scientific approaches to the study and improvement of health, considering physiological, behavioural, developmental, social and environmental aspects of human health and disease. You will also gain in-depth knowledge in important areas such as the Australian healthcare system and emerging challenges in health.

At the conclusion of the first semester of second year, you will be ready to tackle the units comprising your specialist training in Public health science. Areas of study will include public health, epidemiology, biostatistics, health program planning and evaluation, law and ethics, and health data management.

**Career options**

The healthcare industry requires people with a sound understanding of health and health care to fill a range of non-clinical roles. With a degree in Public health science, you will find rewarding opportunities in the following areas:

- public-health research
- health promotion
- disease-prevention practice and policy
- health planning and management in government and non-government organisations.

**Location**

Caulfield

**Special requirements (see page 16)**

For in-depth course descriptions and structures visit: study.monash/courses

**Radiation sciences**

Studying Radiation sciences at Monash will enable you to combine scientific and technical knowledge with studies in health and patient care and prepare you to enter an 18-month post-graduate master’s program in radiation therapy.

Radiation therapy is an exciting and engaging healthcare field that uses ionising radiations for the treatment of cancer and benign conditions. The equipment used is increasingly sophisticated, and a comprehensive knowledge of its function, operation and computer interfacing is fundamental. The patient is at the centre of care provision and an emphasis on this is embedded throughout the program.

You will study radiation physics and instrumentation, radiobiology, imaging anatomy, physiology, epidemiology, oncology, radiation therapy, cancer management strategies and patient care. You will develop knowledge and understanding in these areas, along with beginner-level clinical skills in the following areas:

- computerised tomography
- radiation therapy planning
- radiation therapy treatment
- imaging for radiation therapy
- patient care and management.

You will also consider psychological, medico-legal and ethical aspects of health care, develop your cultural and communicative competence, and learn about occupational health and safety.

Students graduating with the Bachelor of Radiation Science will be eligible for credit towards the Master of Medical Radiations (Radiation Therapy). Upon successful completion of the master’s degree, graduates are eligible to apply for general registration as a radiation therapist from the Medical Radiation Practice Board of Australia.

**Career options**

Challenging and fulfilling opportunities await graduates who successfully complete the program. There is an increasing demand for adaptable radiation therapists in response to the ageing population, expansion of services in regional Australia, and organic growth of the industry.

**Special requirements (see page 16)**

For in-depth course descriptions and structures visit: study.monash/courses

**BE ELIGIBLE TO APPLY FOR GENERAL REGISTRATION**

Completion of the Bachelor of Radiation Science enables graduates with the required GPA to receive recognition for 18 credit points of study from the Master of Medical Radiations (Radiation Therapy) and enter this program in Summer Semester. After a further 6 semesters of study (including a second Summer Semester) students will be eligible to graduate and apply for general registration from the Medical Radiations Practice Board of Australia.

For in-depth course descriptions and structures visit: study.monash/courses
Bachelor of Medical Science and Doctor of Medicine (MD)

The Monash School of Medicine is internationally recognised for providing a world-class education with a comprehensive and interdisciplinary approach to medical training. Our medical program, the Bachelor of Medical Science and Doctor of Medicine, has been designed in close consultation with doctors, health care professionals and leaders in the health and research sectors to give you the scientific background and clinical expertise to ensure you are prepared for your future as a doctor.

Monash is the only Victorian university to offer both direct-from-school and graduate entry to the same medical degree. Our main focus is on improving outcomes for patients by making sure that medical students are strongly connected with our academic experts and clinicians. In the MD, you will be learning from staff across the Faculty who are leaders in their field. You will also benefit from our links with the largest health care provider network in Australia, which includes the Monash Medical Centre and The Alfred (Melbourne’s major casualty hospital), Eastern Health, and health services in rural and regional Victoria and outer metropolitan Melbourne.

NOTE: the Bachelor of Medical Science and Doctor of Medicine will replace the Bachelor of Medicine and Bachelor of Surgery (Honours) MBBS program as of 2017 entry. The Bachelor of Medical Science and Doctor of Medicine (MD) is an internationally-recognised, higher level qualification. While the name of the medicine program is changing, the changes to the curriculum will be minimal. We still continue to offer the 5-year Direct Entry program, as well as the 4-year Graduate Entry program, with the same number of places. The entry and selection requirements remain unchanged.

Career options

On completion of the Bachelor of Medical Science and Doctor of Medicine (MD) you are eligible for provisional registration with the Medical Board of Australia through the Australian Health Practitioner Regulation Agency. After serving a compulsory internship year of residence in an approved hospital, you become eligible for final registration in Victoria and other states of Australia.

Special requirements (see page 16)

Prerequisite studies

<table>
<thead>
<tr>
<th>VCE</th>
<th>IB</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
<tr>
<td>Science: Units 3 and 4: a study score of at least 35 in Science</td>
<td>Chemistry: At least 5 in Chemistry SL or 4 in Chemistry HL</td>
</tr>
</tbody>
</table>

DID YOU KNOW?

The first two years of your course (or one year for graduate entry) will be on campus. The remainder will take place mostly in a clinical setting.

How to apply: Direct entry

Entry is based on a three-part application process. Each part carries equal weighting and applicants must satisfy the requirements of each part including the completion of prerequisite subjects.

Note: This course is only available to applicants who have completed Year 12 studies (or equivalent) no more than two years prior to applying, and have not undertaken any further studies at a tertiary level during that time. Applicants who have commenced tertiary studies including Certificate IV or above are ineligible to apply.

<table>
<thead>
<tr>
<th>Australian domestic applicants</th>
<th>International applicants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Special entry test requirements</td>
<td>UMAT (July)</td>
</tr>
<tr>
<td>Academic requirements</td>
<td>Y12 results</td>
</tr>
<tr>
<td>Interview</td>
<td>Multiple Mini Interview (MMI)</td>
</tr>
<tr>
<td>Apply</td>
<td>Via VTAC</td>
</tr>
</tbody>
</table>

* International students studying Year 12 in Australia must apply through VTAC.

Note: This course is only available to applicants who have completed Year 12 studies (or equivalent) no more than two years prior to applying, and have not undertaken any further studies at a tertiary level during that time. Applicants who have commenced tertiary studies including Certificate IV or above are ineligible to apply.

I chose to study Medicine because I wanted to unify my love for science with my love for people, through a rewarding profession. I want a career that is both hands on and constantly stimulating, where I have the knowledge, ability and privilege to change lives.

Katia Maccora

Y3 in 2016
Bachelor of Medical Science and Doctor of Medicine

Taking a comprehensive, interdisciplinary approach, both MD programs provide for a continually expanding level of medical experience. From the early years of the programs you will learn the fundamental medical sciences in the context of patient care. The basic medical and behavioural sciences (anatomy, biochemistry, genetics, immunology, microbiology, pathology, pharmacology, physiology, psychology and sociology) are introduced within interdisciplinary units. Clinical case studies ensure that there is a major focus on clinical issues. The curriculum is designed as an integrated program incorporating four themes:
- Personal and professional development
- Population, society, health and illness
- Scientific basis of clinical practice
- Clinical skills.

Units are taught in an interdisciplinary fashion by staff from a range of departments across the Faculty. Later in the course (Year 3 for direct entry and Year B for graduate entry), clinical teaching builds upon and reinforces this strong scientific foundation with an emphasis on clinical communication skills.

The Monash MD course aims to offer students the special benefits of longitudinal education in one of our many clinical schools. These home bases allow students to feel an intimate part of the schools and their affiliated health services, to form long term relationships with their clinical supervisors and to select scholarly projects that contribute to the better care of patients in that setting.

Clinical teaching is also available across the North West and South East regions of rural Victoria through the School of Rural Health. Each clinical academic site is attached to a regional hospital and a range of community-based health services. Places in the North West and South East are open to direct entry and graduate entry streams of the Medicine course.

See the handbooks for more detail about course structure: monash.edu/pubs/handbooks

Categories of places
(Australian domestic students only)
Each year about 240 Direct Entry places are available to domestic students and 75 in the Graduate Entry degree. An additional 60 to 65 places are available for international students (Direct Entry) and a further 15 for Graduate Entry.

Commonwealth Supported Places (CSP)
- Direct Entry: 144 places available
- Graduate Entry: 54 places available.

Extended Rural Cohort (ERC) – Direct Entry only
About 30 CSP places are available under the Extended Rural Cohort stream. The ERC stream within the MD enables students to undertake extended clinical training across rural and regional Northern Victoria. ERC students undertake the majority of their clinical years placements in regional and rural north-west Victoria. With small student groups, they enjoy great hands-on opportunities to learn clinical skills and patient care.

Detailed information about the ERC can be found at: med.monash.edu/medical/northernvic

Bonded Medical Places (BMP)
The federal government requires that all Australian medical schools allocate approximately 28 per cent of their CSP places as BMP. At Monash this means that there are approximately 68 Bonded Medical Places in the Direct Entry program and a further 21 places for Graduate Entry.

By indicating a preference for a BMP, upon accepting an offer, students will be required to sign a contract provided by the Commonwealth Government. Monash advises potential students to seek early legal advice. Students accepting a BMP will be required to work in a designated area of medical need at the completion of their training, including specialist training. Applicants must be an Australian Citizen or Permanent Resident at the time of application to be eligible to apply for a BMP.

Important Information for New Zealand Citizens. If you are a New Zealand citizen, you will require an Australian Permanent Resident Visa to be eligible for a BMP. Special Category Visas are not considered permanent resident visas for the purposes of the scheme.

For further information free-call: 1800 987 104, email: BMPcheme@health.gov.au or visit health.gov.au/bmpscheme

How to apply: Graduate entry

International applicants
International applicants must have completed or be in the process of completing an internationally recognised degree with significant and broad biomedical science content. International applicants require a Grade Point Average (GPA) of 6.0 out of 7.0 to be eligible.

See the website for details: med.monash.edu.au/medicine/admissions/grad-entry/2017-entry-international.html

Domestic applicants
Only applicants with a specified Monash University degree will be eligible for entry into the Graduate Entry MD. A proportion of places are reserved for students from our Bachelor of Biomedical Science program. Further places are available to applicants from the following Monash degrees:
- Bachelor of Pharmacy (Honours)
- Bachelor of Physiotherapy (Honours)
- Bachelor of Science with specified units.

Biomedical Science pathway
A pathway exists for applicants who have completed the Bachelor of Biomedical Science (including double degrees) that allows them to be considered for this program at the end of the second or penultimate year of their degree. To be eligible via this pathway applicants must have commenced their degree since 2014, and achieve an Average Mark (AM) of 70 in the core year 1 & 2 biomedical science units. If successful in receiving an offer, applicants must complete their biomedical science degree, maintaining AM, prior to commencing the graduate entry program.

See the website for details: med.monash.edu.au/medicine/admissions/grad-entry/mbs-paths.html

Additional selection requirements
Shortlisted applicants will be invited to attend a Multiple Mini Interview (MMI) and Situational Judgement Test (SJT) as part of the selection process.

Dr Ranjana Srivastava (MBBS (Hons) 1997) is a medical oncologist, general physician, educator and award-winning author.

In 1997 she graduated with a first-class honours degree and several awards in medicine.

She uses her education to volunteer at organisations such as the Asylum Seeker Resource Centre in Melbourne and Mother Teresa’s Missionaries of Charity in Calcutta. She also volunteered on the ground in the Maldives in the aftermath of the 2005 tsunami.

She remains actively involved in the education of junior doctors and international medical graduates and supports Monash University medical students through mentoring, interviewing and teaching.
Monash Nursing graduates are sought after worldwide due to the quality of evidence-based teaching and clinical practice experience they receive. The Bachelor of Nursing provides students with the knowledge and clinical skills to provide high-quality nursing care. You will also have the scope to provide care in multiple settings, including acute care, primary health care, mental health and health promotion.

Monash Nursing will prepare you for increasingly complex health-care situations in Australia and internationally. You will gain invaluable skills in clinical decision-making, client care, communication, cultural competence and research, developed through extensive clinical experience in a variety of settings. This is underpinned and strengthened by Monash University’s links to world-class medical researchers and major teaching hospitals. Throughout the course you will connect theory to clinical practice, with plenty of opportunities for clinical experience in diverse settings throughout Victoria. You may also take up the opportunity to study and undertake the clinical placements in Sweden or the UK, through our successful student-exchange programs. Your clinical and professional skills will be reinforced through time spent working with excellent mentors and students enrolled in other health-science courses (occupational therapy, physiotherapy, paramedic practice, medical imaging, nutrition and dietetics, social work), enabling you to develop the important capacity for interdisciplinary service delivery and inter-professional education.

Career options
Completion of the course will lead to eligibility for registration with the Nursing and Midwifery Board of Australia. Career paths are diverse, and you may pursue opportunities in acute hospital care, mental health, rehabilitation, aged care, community-based care and rural and remote services and children’s nursing. Some of these specialisations may require further study.

BACHELOR OF NURSING (SCHOLARS PROGRAM)

Prerequisite studies
VCE: Units 3 and 4: a study score of at least 30 in English (EAL) or 25 in English other than EAL.
Maths: Units 1 and 2: satisfactory completion in two units (any study combination) of General Mathematics or Maths.
Mathematical Methods or Units 3 and 4: any Mathematics.

IB: English: At least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL.
Maths: Successful completion of any mathematics subject.

For in-depth course descriptions and structures visit: study.monash/courses

Special requirements (see page 16)
Diploma Pathway
Successful completion of the Diploma of Tertiary Studies (DTS) or a VET diploma can help you qualify for a place in the Bachelor of Nursing. Go to study.monash/ courses for more information.

DEGREE AWARDED
- Bachelor of Nursing, or
- Bachelor of Nursing (Scholars Program)

Nurses and midwives are among the most valued members of any community. Midwives play a crucial role caring for mothers and babies throughout the childbirthing years. On completion of the Bachelor of Nursing and Bachelor of Midwifery you are eligible to apply for registration as a nurse and midwife – a highly capable individual who is qualified to work in collaboration with the interdisciplinary team in general nursing and midwifery practice settings. The versatility of the nurse and midwife is becoming increasingly important in the provision of Australian and international health services, and this joint qualification will make you highly employable in many practice settings, especially rural and remote areas where multi-skilled practitioners are highly valuable.

As a nursing graduate you will have acquired the knowledge and skills to be a competent beginning-level registered nurse who can provide leadership and care across the age continuum, with the scope to provide care in clinical environments, including acute care, primary health care and health promotion.

As a midwifery graduate you will add to the above capabilities the specialist knowledge to provide care to mothers and babies during pregnancy, labour, birth and the postpartum period, including emergencies. Throughout this course, you will connect theory to clinical practice, undertaking clinical experience in diverse settings throughout Victoria and major metropolitan teaching facilities such as Monash Medical Centre, The Alfred, Peninsula Health and others.

You may also have the invaluable opportunity to study and participate in clinical placements in Sweden or the UK, under our successful student-exchange programs. Completion of the course will lead to eligibility for registration as a registered nurse and a registered midwife with the Nursing and Midwifery Board of Australia.

Career options
Local, national and international opportunities are available to nurses in a range of health-service areas, such as acute hospital care, mental health, rehabilitation, aged care, community-based care and rural and remote services. Alongside this, the Bachelor of Nursing and Bachelor of Midwifery creates opportunities in antenatal, birth and postnatal areas. Further specialisation in neonatal, maternal and child health care is also a possibility; however, it may require further study.

Special requirements (see page 16)
Prerequisite studies
VCE: English: Units 3 and 4: a study score of at least 30 in English (EAL) or 25 in English other than EAL.
Maths: Units 1 and 2: satisfactory completion in two units (any study combination) of General Mathematics or Maths.
Mathematical Methods or Units 3 and 4: any Mathematics.

For in-depth course descriptions and structures visit: study.monash/courses

DEGREE AWARDED
- Bachelor of Nursing and Bachelor of Midwifery (Hons)
Bachelor of Nutrition Science

PATHWAY TO DIETETICS

Monash University has developed a new two-year Master of Dietetics. The process for full Dietitians Association of Australia (DAA) accreditation of the new Master’s has begun, but it’s a rigorous and lengthy process, not expected to be completed until 2017.

The University’s aim is to achieve accreditation before graduation of the first cohort of scholars. All inquiries regarding the progress of the program’s accreditation review should be directed to the Monash University dietetic program co-ordinator.

Students admitted to the Bachelor of Nutrition Science Scholars Program will have the following potential outcomes:

- Immediate enrolment as scholars in the Bachelor of Nutrition Science. If the Master of Dietetics is accredited by the DAA by the end of 2017, scholars who complete the Bachelor of Nutrition Science with an average grade of credit or above are guaranteed entry into the Master of Dietetics in 2020 (supported by CSP or equivalent) with unit credits that mean the master’s may be completed in 1.5 years full-time. Graduates of this combined 4.5-year program will be awarded a Bachelor of Nutrition Science (Scholars Program) and the DAA-accredited Master of Dietetics.
- If the Master of Dietetics is not accredited by the DAA by the end of 2017, scholars who complete the Bachelor of Nutrition and Dietetics, a four-year DAA-accredited course, at the end of 2017. Graduates of this four-year program will be awarded the DAA-accredited Bachelor of Nutrition and Dietetics (Honours).
- Students who do not qualify for the Scholars Program may be offered admission to the Bachelor of Nutrition Science and, as graduates, will still be eligible to compete for entry into the 1.5-year Master of Dietetics.

Career options

You will graduate with the skills to become a nutrition scientist or pursue a career in the food industry, nutrition research, government and non-government agencies or public health.

Special requirements (see page 16)

- Prerequisite studies
  - **VCE**
    - English: Units 3 and 4: at least 35 in English (EAL) or 30 in English other than EAL
    - Science: Units 3 and 4: at least 25 in Chemistry
  - **IB**
    - English: At least 5 in English SL or 4 in English HL or 6 in English B SL or 5 in English B HL
    - Science: At least 4 in chemistry SL or 3 in Chemistry HL
If you’re passionate about promoting health and wellbeing, and wish to enable people to participate in activities to their full potential, occupational therapy at Monash will set you on the right path. The practice involves working with individuals, groups and communities to enhance their ability to engage in the occupations they want, need, or are expected to do.

Drawing on the most current thinking and methods in the occupational, behavioural, social and biomedical sciences, the Bachelor of Occupational Therapy (Honours) is an internationally recognised course that uses a combination of traditional and scenario-based learning methods and teaching techniques.

Your studies will include the foundations of occupational science, anatomy, physiology, psychology, inter-professional education, understanding health and occupational therapy practice. You will develop and apply this knowledge to the assessment and intervention processes used by occupational therapists when working with clients and client groups.

Fieldwork education in various practice settings will provide further opportunities to apply your knowledge and skills, while developing your appreciation of the relevance of ongoing learning in the context of supervised health-service delivery.

Your clinical and professional skills will be enhanced through time spent working with students enrolled in other allied health courses (e.g. Physiotherapy), enabling you to experience interdisciplinary service delivery and inter-professional education.

The Bachelor of Occupational Therapy (Honours) is accredited by the Occupational Therapy Council (Australia and New Zealand) Ltd and the World Federation of Occupational Therapists. This enables graduates to work worldwide subject to registration requirements of that country.

Career options
You could work individually or as part of a multidisciplinary healthcare team in a hospital, rehabilitation centre, school, early-intervention program, private practice, supported employment service, aged-care facility, community-health centre, mental-health clinic or in specialised programs for children, adults with physical disabilities, the elderly or people with developmental disabilities.

Special requirements (see page 18)

Prerequisite studies
VCE
- English: Units 3 and 4: at least 30 in English (EAL) or 25 in English other than EAL

IB
- English: At least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL

For in-depth course descriptions and structures visit: study.monash/courses
Bachelor of Physiotherapy (Honours)

Get the best physiotherapy training and equip yourself to flourish in one of the most versatile and in-demand healthcare professions, with the Monash Bachelor of Physiotherapy (Honours).

This course gives you a high-quality academic education, intensive training in relevant clinical environments, and the chance to study with expert physiotherapists and leading researchers.

Your training as a physiotherapist and clinical researcher will cover five main areas: personal and professional development; population, society and health; fundamental knowledge required across the health sciences; applied practice; and research.

You will learn from highly trained and experienced physiotherapists who are skilled in education and research—and gain exposure to areas in which you could later specialise, such as cardiorespiratory, gerontology, neurology or musculoskeletal care, paediatrics and rehabilitation.

Students are required to participate in off-campus rural and metropolitan clinical placements. In these invaluable clinical settings, you will have the opportunity to apply theory to practice under supervision.

You will acquire the knowledge and skills you need to practise as a physiotherapist, using exercise, movement analysis, manual therapy and specialist techniques to restore, improve and promote health.

The course will prepare you for a range of career opportunities, working independently or as part of a team of healthcare professionals.

How to apply:
Entry is based on a two-part application process. Applicants must satisfy the requirements of each part including the completion of prerequisite subjects.

**Special requirements** (see page 16)

**Prerequisite studies**

<table>
<thead>
<tr>
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<th>IB</th>
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<tbody>
<tr>
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<td>English: At least 5 in English SL or 4 in English HL or 6 in English B SL or 5 in English B HL</td>
</tr>
<tr>
<td>Maths/Science: Units 3 and 4: at least 25 in two of Biology, Chemistry, Maths: Mathematical Methods (EVA), Maths: Specialist Mathematics or Physics</td>
<td>Maths/Science: At least 4 in Biology SL or 3 in Biology HL or 4 in Chemistry SL or 3 in Chemistry HL or 4 in Mathematics SL or 4 in Further Maths SL or 3 in Mathematics HL or 4 in Physics SL or 3 in Physics HL</td>
</tr>
</tbody>
</table>

* Shortlisted applicants will be required to undertake an interview. Applicants will be ranked for interview eligibility based on their academic record and demonstrated completion of prerequisite subjects. All applicants must be available for face to face interview at the designated time.

**CAREER OPTIONS**

Once registered with the Physiotherapy Board of Australia, you will be on your way to a challenging and rewarding career where you may work in a range of areas such as public and private hospitals, community health centres, sports medicine clinics, maternity care, rehabilitation centres, aged-care facilities and private practices.

For in-depth course descriptions and structures visit: study.monash/courses
Bachelor of Psychological Science
Advanced (Honours)

The Bachelor of Psychological Science Advanced (Honours) is designed for those with a passion for understanding human cognition and behaviour. It provides you with a comprehensive education in human psychology – from normal to abnormal psychology and from the genetic/molecular level to the individual and group-behavioural level. The study of human psychology is ever-growing and changing, and our program provides you with up-to-date understanding of the human brain, thought and behaviour. The knowledge gained in this course will give you the foundations to make your own new and exciting scientific discoveries, help to promote mental health, and to influence how those in the community think about mental health and the workings of the human brain and mind.

During your studies you will gain broad, interdisciplinary knowledge of psychology and a deep understanding of specific areas, including the following:
- addiction
- brain injury and rehabilitation
- memory and consciousness
- neurodevelopment
- neurodegeneration
- psychopathology
- sleep and circadian rhythms and how they influence cognition and mental health.

Career options
Many opportunities exist for our graduates, including academic and industry research, teaching, clinical neuropsychology and many other related careers. You could also undertake further steps to qualify to practise as a professional psychologist or pursue work as a researcher participating in the revolution taking place in psychology, thanks to unparalleled advances in molecular genetics, developmental cognitive neuroscience, neuropsychology and brain imaging.

Prerequisite studies

VCE
- Public health
- Rehabilitation
- Early intervention programs

IB
- Aged care
- Mental health
- Private practice

Please note: Non year twelve applicants with university studies must have at least a 75% average in Psychology units or 70% average across all previously studies.

For in-depth course descriptions and structures visit: study.monash/courses

Monash University psychology programs and units

Fourth-year psychology
- Honours in Psychology
- Graduate Diploma in Psychology Advanced
- Graduate Diploma of Professional Psychology*

Post Graduate degrees

Research degrees
- Doctor of Philosophy (PhD)**
- Doctor of Psychology in
  - Clinical Psychology
  - Clinical Neuropsychology.

Bachelor of Psychological Science Advanced (Honours)

Students are admitted to and will graduate with a Bachelor advanced (honours) degree. Entry to the honours component of the four-year course is guaranteed providing the university minimum entry requirement of an average of 70% or higher in at least 24 points of third-year level is met. Those students who do not satisfy the minimum entry requirements or decide they do not wish to continue with an honours year will exit with a Bachelor of Psychological Science.

Other Monash faculties
- Bachelor of Arts
- Bachelor of Science.

Faculty of Medicine, Nursing and Health Science programs
- Bachelor of Psychological Science Advanced (Honours)
- Graduate Diploma in Psychology Advanced
- Graduate Diploma of Professional Psychology*

Post Graduate degrees

Research degrees
- Doctor of Philosophy (PhD)**
- Doctor of Psychology in
  - Clinical Psychology
  - Clinical Neuropsychology.

* Offered by the Faculty of Education
** med.monash.edu.au/psych/students/courses/become-a-psychologist.html
Bachelor of Radiography and Medical Imaging (Honours)

LOCATION: Clayton
DURATION: 4 Years (intake: February)

DEGREE AWARDED: Bachelor of Radiography and Medical Imaging (Honours)

How to apply:
Entry is based on a two-part application process. Applicants must satisfy the requirements of each part including the completion of prerequisite subjects.

<table>
<thead>
<tr>
<th>Academic requirements</th>
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<tbody>
<tr>
<td>Y12 results or tertiary studies GPA</td>
<td>Final year of secondary school results or tertiary studies GPA</td>
<td></td>
</tr>
</tbody>
</table>

Interview: Multiple Mini Interview (MMI)
Multiple Mini Interview (MMI)

Apply: Via VTAC
Directly to university*

* International students studying Year 12 in Australia must apply through VTAC.

Prerequisite studies

VCE
- English: Units 3 and 4: at least 35 in English (EAL) or 30 in English other than EAL
- Maths: Units 3 and 4: at least 25 in one of Mathematical Methods (CAS) or Specialist Mathematics
- Science: Units 3 and 4: at least 25 in Biology or Physics

IB
- English: At least 5 in English SL or 4 in English HL or 6 in English A SL or 5 in English A HL
- Maths: At least 4 in Mathematics SL or 3 in Mathematics HL or 4 in further Mathematics SL
- Science: At least 4 at Standard Level (SL) or 3 at Higher Level (HL) in Biology or Physics

Additional subjects.

- 25 in Biology or Physics
- Specialist Mathematics.
- Further Mathematics SL in one of Mathematical Methods (CAS) or Specialist Mathematics.
- In English (EAL) or 30 in English other than EAL.
- In English HL or 6 in English A SL or 5 in English A HL.

In the Radiography and Medical Imaging (Honours) course, you will develop the skills to become a registered radiographer. Radiographers facilitate patient diagnosis and management by using X-rays – including CT scanning, ultrasound and magnetic resonance imaging (MRI) – to create diagnostic images for analysis and interpretation. Radiographers are also responsible for implementing best practice imaging protocols.

The program prides itself on the exceptional links it creates between the classroom and the clinical workplace. The practical skills you acquire will be reinforced by placements in a wide variety of clinical institutions, ranging from Victorian rural and regional hospitals to metropolitan Melbourne hospitals and private radiology practices.

This is an integrated course in which radiographic physics, imaging techniques and methods, radiologic biology and professional skills are closely related and integrated with clinical placements. You will be instructed by experts in radiography, benefit from a thriving research environment, and have access to general radiography laboratories and the ultrasound skills lab.

You will gain core knowledge and competencies in the following areas:
- Assessing and managing patients
- General radiography
- Digital subtraction angiography
- Fluoroscopy and digital subtraction angiography
- General ultrasound
- Magnetic resonance imaging (MRI)

Career options
Completion of the course will enable you to apply for registration as a radiographer with the Medical Radiation Practice Board of Australia. Graduates from Radiography and Medical Imaging (Honours) are also eligible to apply for a Statement of Accreditation from the Australian Institute of Radiography.

Special requirements (see page 16)

Monash offers a wide range of graduate degrees in medicine, nursing and health sciences from master’s programs to PhDs.

You can study full-time or part-time, off campus or on campus. And, if you need to adjust your goals, you can. For example, you might start a master’s course but choose to exit early with a graduate diploma. Or start a graduate diploma and decide to continue on to a master’s.

We offer you the flexibility to complete part of your course by following a unit-based program, and part of it by completing a research thesis.

Monash also offers research-based graduate degrees. While the challenge takes commitment, drive, motivation and talent, the benefits are enormous. It will enable you to pursue a passion, working in a supportive environment with like-minded people. And it can open up incredible career opportunities.

For in-depth course descriptions and structures visit: study.monash/courses

For more information on graduate opportunities at Monash, go to monash.edu/study
### International entry requirements

#### MEDICINE, NURSING AND HEALTH SCIENCE

<table>
<thead>
<tr>
<th>COURSE</th>
<th>DEGREE AWARDED</th>
<th>DURATION (YEARS)</th>
<th>MONASH CODE</th>
<th>LOCATION</th>
<th>ENGLISH LANGUAGE</th>
<th>MATHEMATICS</th>
<th>SCIENCE</th>
<th>PREREQUISITES</th>
<th>DURATION (YEARS)</th>
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<td><strong>MEDICINE AND DOCTOR OF MEDICINE</strong></td>
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</table>

1. Duration is based on a standard full-time load of 48 credit points per annum.
2. Fees are quoted in Australian dollars; each is the annual average fee per 48 credit points of study in this course for 2016. Fees are adjusted annually. Please see monash.edu/fees for updates.
3. For international business, intakes are February, June and October.
4. There are a limited number of places available in this course.
5. Mathematics can only be used if not counted towards the maths prerequisite.
6. English Language Categories

- **Category 1**: English Language A
- **Category 2**: English Language B
- **Category 3**: English Language C
- **Category 4**: English Language D

### English Language Categories

<table>
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<th>Category</th>
<th>Academic ELTS</th>
<th>Internet Based IELTS</th>
<th>Pearson Test of English (Academic)</th>
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</table>
How to apply

Domestic (Australian) and onshore international students

Apply through VTAC
If you are an Australian or New Zealand citizen, an Australian permanent resident, or you are an international student studying an Australian Year 12 or IB in Australia or New Zealand, apply through the Victorian Tertiary Admission Centre (VTAC).
Visit: vtac.edu.au

Mid-year entry
For mid-year entry, apply directly to Monash.
Visit: monash.edu/admissions/apply/online.html

Scholarships
Visit: monash.edu/scholarships

Fees
Commonwealth Supported Places
Reduced course fees for eligible applicants, and HECS-HELP.
Visit: monash.edu/enrolments/loans/commonwealth-supported-place.html

FEE-HELP
Loan options for eligible applicants.
Visit: monash.edu/enrolments/loans/domestic-full-fee.html

International students
For more information visit: study.monash/how-to-apply/international-student-applications

International Recruitment Services
Apply directly to Monash University’s International Recruitment Services.
For more information visit: study.monash/how-to-apply/international-student-applications

Fees
Fees for each course can be found at monash.edu/coursefinder

International students
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Fees for each course can be found at monash.edu/coursefinder

Monash University Foundation Year

The Monash University Foundation Year is the preferred academic pathway into the Faculty of Medicine, Nursing and Health Sciences at Monash University. The program provides international students with the skills and knowledge required to succeed at Monash University.

After successfully completing Foundation Year and achieving the required marks, you will have a guaranteed place in the first year of relevant courses in the Faculty of Medicine, Nursing and Health Sciences (MNHS).*

* Entry requirements and subject prerequisites apply. Some MNHS degrees have limited places.

For more information on Monash College academic pathways visit: monashcollege.edu.au/foundation-year

English-language courses

The Monash University English Language Centre is the preferred English pathway into Monash University.

If you do not meet the English language requirement for direct entry into your course you may receive a conditional offer for one of our programs.

Monash English Bridging
Monash English Bridging (MEB) is ideal if you have met the academic requirements for Monash, but have narrowly missed the English requirements.

MEB offers students direct entry into Monash University.* Students who successfully complete the Bridging program do not need more testing.

See our website for entry requirements.

Note: *Not accepted for entry into all degrees. If you need extra English help, consider Monash English.

For more information on English-language pathways visit: monashcollege.edu.au/english-courses

Monash English
Monash English (ME) will improve your English-language skills to prepare you for entry into Monash English Bridging or Monash University.

The program is taught from beginner to advanced levels. As you improve, you can move to the next level of ME.

To enter the University you will need to sit an IELTS test. We have workshops to help you practise and develop the skills you need to sit the test. Monash English courses start every five weeks.

For more information on Monash English Bridging visit: monashcollege.edu.au/foundation-year

For more information on Monash College academic pathways visit: monashcollege.edu.au/foundation-year

For more information on English-language pathways visit: monashcollege.edu.au/english-courses

For more information on Monash English Bridging visit: monashcollege.edu.au/foundation-year
Monash online

monash.edu/medicine

Find a course
study.monash/courses

International students
monash.edu/study/international

Scholarships
monash.edu/scholarships

Off-campus learning
monash.edu/offcampus

Future student enquiries

Australian citizens, permanent residents, and New Zealand citizens
Tel: 1800 MONASH (666 274)
Email: future@monash.edu
monash.edu/study/contact

International students

Australia freecall tel: 1800 181 838
Tel: +61 3 9903 4788 (outside Australia)
Email: study@monash.edu