Medicine, Nursing and Health Sciences

Monash has long sat among the top-tier of Australian universities when it comes to medicine, nursing and health sciences. And now our name is respected around the world.

www.med.monash.edu

Why Monash?
The 2011 Times Higher Education World University Rankings ranked Monash at 33 in the world for medicine, and QS ranked us 36 for life sciences – these measures reflect a university in the top echelon for education and research on a global scale.

We are the only Australian university represented in the prestigious M8 Alliance of academic health centres and medical universities, a highly respected group that includes Johns Hopkins University, Imperial College London, the Sorbonne in Paris, and the Charité in Berlin. We are also prominent at the World Health Summit, and held the co-presidency of this peak global forum in 2011.

Choose your own path
As our name suggests, the Faculty of Medicine, Nursing and Health Sciences offers a range of courses, study areas and specialties unmatched by other Australian universities. Of course, our Bachelor of Medicine Bachelor of Surgery degree is well known for producing some of Australia’s finest young medical professionals. But no matter what role you wish to play in the healthcare industry, we have the course to get you there.

Our biomedical science degrees give you a platform to explore the fundamental biology of human health. Our nursing and midwifery courses offer a direct pathway to professional practice. Our emergency health degrees are underpinned by global standard-setting research. And our social work and psychology courses are respected throughout Australia. Or maybe your interests lie in nutrition and dietetics, or radiography or health promotion. The choice is yours.

Industry-based learning
We are committed to helping you meet the demands of your career by equipping you to work in the healthcare community of the future. This means we let you take advantage of our close relationships with industry leaders, and work alongside them in professional and clinical settings as a central part of your course.

These leaders include Southern Health – the largest healthcare provider network in Australia – Peninsula Health and The Alfred the major casualty hospital for metropolitan Melbourne. You can also work with regional hospitals, Ambulance Victoria and specialty healthcare providers. We encourage you to make the most of our global outlook and consider an overseas placement.

Julianne Bayliss
Bachelor of Biomedical Science (2003)

Julianne enjoyed a whirlwind 2011. The Biomedical Science graduate received the Transplantation Society of Australia and New Zealand’s Young Investigator Award for her research into antibody mediated rejection in heart transplant patients. Julianne received the early career scientist award for her presentation at the XXII International Congress of the Transplantation Society in Sydney.

Prior to her win at the international congress, she was nominated as a finalist in the Cardiac Society of Australia and New Zealand’s prestigious Ralph Reader Prize Session and also found time to have two articles published on the role of vascular endothelial growth factor in cardiac transplant rejection.

Enquiries
future@monash.edu
1800 MONASH

Want more course info? Scan here
Featured courses

Bachelor of Medicine and Bachelor of Surgery

The Monash MBBS is a five-year undergraduate degree. It is an interdisciplinary course, combining biomedical sciences, social sciences and clinical skills training. The course is thematic and places emphasis on clinical communication skills, with clinical contact visits to medical practices, community care facilities and hospitals commencing in the first year. Students are also required to spend time in rural areas as part of a health care team.

What makes it great

The course follows four main themes:

—Personal and professional development: concentrate on the personal attributes and qualities needed to work as a doctor
—Population, society, health and illness: students learn about the history and philosophy of the scientific approach to medicine
—Scientific basis of clinical practice: details the knowledge and concepts that underpin medicine, both in medical and clinical science
—Clinical skills: students interact with a range of health care professionals through general practice and rural visits and gain experience in a wide range of medical work places including accident and emergency, anaesthesia, palliative care, infectious diseases and more

Once you’ve graduated

Graduates initially work within the hospital system. After several years, they can choose to undertake further training and become general practitioners or specialists in a range of areas, e.g. in obstetrics, paediatrics or psychiatry. Graduates are eligible for professional registration with the Australian Health Practitioner Regulation Agency. After serving a year of internship in an approved hospital, the graduate is eligible for full registration with the Medical Board of Australia.

Bachelor of Nursing

Nurses provide valued services to their communities in the provision of healthcare and the promotion of health and wellbeing. This degree provides a broad educational foundation for general nursing practice and pathways to future professional employment. It allows students to develop a diverse range of skills in communication, research, clinical reasoning, client care and decision making. Students also gain clinical experience in a wide variety of health agencies, both locally and internationally.

What makes it great

The course aims to develop a graduate nurse who is committed to the promotion, maintenance and restoration of health and to the prevention of disease. Students will become skilled in the delivery of holistic health care and be able to apply an extensive body of knowledge from relevant disciplines in varied practice settings across both community and hospitals. Students will develop the skill of critical analysis in relation to the theory and practice of nursing, and also develop skills according to accepted standards of nursing practice.

Once you’ve graduated

Graduates will be eligible to register as a Registered Nurse with the Nursing and Midwifery Board of Australia. Career opportunities in nursing include opportunities to work in a number of different service areas; such as acute hospital care, mental health, rehabilitation and aged care, community based care and rural and remote services. This employment may be undertaken at local, national or international locations. There are a number of practice areas in which further education and practise may be undertaken including: acute medical/surgical nursing, emergency, intensive care, midwifery, paediatrics, peri-operative, mental health, palliative care, oncology and others. Graduates may choose to undertake further studies towards becoming a nurse practitioner. After gaining relevant clinical experience further career opportunities exist in education, management and research.

Bachelor of Biomedical Science

The degree provides a solid foundation in biomedical sciences leading to a research-based honours year. With electives in biomedical sciences, students may design a specialised program that gives them an in-depth knowledge of one area of the biomedical sciences. Students are taught by experts in the biomedical sciences and gain the skills necessary to understand and investigate human biology and health.

What makes it great

Students will cover modern and traditional biomedical sciences, human biology, anatomy, biochemistry, epidemiology and preventative medicine, genetics, immunology, microbiology, molecular biology, pharmacology, physiology and the biomedical basis of disease.

In first and second years, 25 per cent of the course is devoted to elective units, increasing to 75 per cent in third year. Elective units may be taken within the Faculty of Medicine, Nursing and Health Sciences or from other faculties at Monash.

Students can also combine this degree with the Bachelor of Engineering and graduate with a double degree.

Once you’ve graduated

Graduates have a wide range of career opportunities in biotechnology, pharmaceutical industries, research institutes and centres, industry development and product technology, hospital/medical industry, secondary and tertiary teaching, medical diagnostic laboratories, media and communications, and in the government sector in areas such as health promotion and health economics. This degree provides an excellent preparation for entry into graduate medical schools.
Bachelor of Biomedical Science
This degree provides a solid foundation in biomedical sciences leading to the opportunity of a research-based honours year. Students are taught by experts in the biomedical sciences and gain the skills necessary to understand and investigate human biology and health. With electives in biomedical sciences, students may design a specialised program that gives them an in-depth knowledge of one area of the biomedical sciences. Electives may be chosen from other faculties for a broader program. The core program consists of interdisciplinary units covering modern and traditional biomedical sciences, human biology, anatomy, biochemistry, epidemiology and preventive medicine, genetics, immunology, microbiology, molecular biology, pharmacology, physiology and the biomedical basis of disease.

Bachelor of Biomedical Science (Scholar Program)
This course is designed to provide a challenging course of study in biomedical science for high achieving students. There is flexibility to design an individual program of study in biomedical science. Depending on previous studies, students may undertake accelerated units and additional units that enrich the study program while completing the degree in three years.

Bachelor of Biomedical Science Advanced with Honours
This is a high-profile course designed for high achieving students who expect to pursue honours studies and a career in biomedical research. It provides opportunities for students to develop research, communication and teamwork skills during their undergraduate studies.

Bachelor of Emergency Health (Paramedic)
Paramedics are an integral part of the health care system. Paramedics initiate care and determine appropriate referral of patients to enable continuing care needs. A paramedic is also required to work with other emergency services to respond to mass casualty incidents in a range of situations. Students complete clinical placements at ambulance services, hospitals and other health services in both metropolitan and rural areas.

Bachelor of Health Promotion
The Bachelor of Health Promotion is a multidisciplinary degree that provides students with opportunities to choose career pathways in a wide range of public health contexts. The emphasis on Work Integrated Learning throughout the course will provide students with opportunities to undertake experiential and applied learning in a range of local health and community services, ensuring graduates of ‘work readiness’.

Bachelor of Health Science
This degree provides a broad foundation in public health competencies and skills. The core program includes global health, biological bases of health, health systems, health promotion, disease prevention, and public health research methods. Electives allow further study and practical experience of health programs, health policy and research. Graduates are able to undertake roles as public health practitioners, or move into postgraduate study in clinical fields (e.g. allied health, nursing, medicine) or public health research.

Bachelor of Midwifery
The course teaches themes including that women are central to the provision of care; care of women across their lifespan including contexts of professional midwifery practice; understanding of scientific processes affecting the care of women and family; development of professional values and contemporary midwifery practice; evaluation of essential sciences and pharmacology underpinning midwifery practice; and provision of care in multicultural contexts. Clinical practice makes up 50 per cent of the degree.

Bachelor of Nursing
This course provides a broad educational foundation for general nursing practice and pathways to future professional employment. It allows students to develop a diverse range of skills in communication, research, clinical reasoning, client care and judgement. Students also gain clinical experience in a wide variety of health agencies both locally and internationally. Graduates will be eligible for registration as Registered Nurses with the Nursing and Midwifery Board of Australia.

Bachelor of Nursing (Community Health)
The course aims to develop first level nursing practitioners skilled in the delivery of holistic health care and able to apply an extensive body of knowledge from relevant disciplines in varied practice settings across both community and hospitals. Students are expected to develop the skill of critical analysis in relation to the theory and practice of nursing, and also develop skills according to accepted standards of nursing practice.

Bachelor of Nursing Practice
This degree gives students clinical experience in a wide variety of health agencies throughout Victoria, Australia and overseas. Successful completion of the course and meeting the requirements for registration outlined by the Nursing and Midwifery Board of Australia will lead to eligibility for eligible for registration as a Registered Nurse with the Australian Health Practitioner Regulation Agency.
Bachelor of Nutrition and Dietetics
The Bachelor of Nutrition and Dietetics at Monash provides students with an appreciation of the broad scope of knowledge required for Dietetic practice including knowledge of nutritional and biomedical science, food, the role of nutrition in health and disease, personal diet, and professional practice in a range of healthcare settings. The course has been accredited by the Dietitians Association of Australia (DAA).

On-campus (Clayton) 4 years FT 93.15
VCE: Units 3 and 4 – a study score of at least 35 in English (ESL) or 30 in any other English and a study score of at least 30 in chemistry.
IB: A score of at least 5 in English SL or 4 in English HL or 6 in English B SL or 5 in English B HL, and a score of at least 5 in chemistry SL or 4 in chemistry HL.
7750

Bachelor of Nutrition Science
The Bachelor of Nutrition Science aims to prepare graduates with the professional and personal qualities and competencies required for working as a nutrition scientist across a range of domains. The course integrates academic teaching and learning contextualised for the study of nutrition with an emphasis on research aimed at the maintenance of health and prevention of disease.

On-campus (Clayton) 3 years FT 85
VCE: Units 3 and 4 – a study score of at least 35 in English (ESL) or 30 in any other English and a study score of at least 25 in chemistry.
IB: A score of at least 5 in English SL or 4 in English HL or 6 in English B SL or 5 in English B HL, and a score of at least 4 in chemistry SL or 3 in chemistry HL.
7750

Bachelor of Occupational Therapy
In this course, students divide their time between classes on campus and fieldwork placements. Students study basic human biosciences, behavioural health sciences and occupational sciences. As they progress through the course, students apply their skills to occupational therapy practice, working under supervision in fieldwork settings. No additional period of study is required for the awarding of honours in this degree.

On-campus (Peninsula) 4 years FT 80.05
VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English, and a study score of at least 25 in any two of chemistry, biology, mathematical methods (CAS), or specialist mathematics.
IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL, and a score of at least 4 in chemistry SL or 3 in chemistry HL, or 4 in mathematics SL or 3 in mathematics HL, or a 4 in physics SL or a 3 in physics HL.
6750

Bachelor of Physiotherapy
Physiotherapists typically treat disorders that benefit from physical interventions using techniques such as exercise, movement analysis and manual therapy. They work with individuals and communities to develop strategies that promote health. This course has been fully accredited by the Australian Physiotherapy Council. This degree combines theory and practice, with students undertaking most clinical education in the third and fourth years of study. All students can expect to undertake education in rural environments, some of which may be interstate.

On-campus (Peninsula) 4 years FT 93.5
VCE: Units 3 and 4 – a study score of at least 35 in English (ESL) or 30 in any other English, and a study score of at least 25 in any two of chemistry, biology, mathematical methods (CAS), or specialist mathematics.
IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL, and a score of at least 4 in chemistry SL or 3 in chemistry HL, or 4 in mathematics SL or 3 in mathematics HL, or a 4 in physics SL or a 3 in physics HL.
8050

Bachelor of Psychology (with Honours)
In the first three years of the course, students study the core areas of the scientific discipline of psychology, including: abnormal psychology, research methods and theory, cognitive psychology, social psychology, developmental psychology, biological psychology, perception and personality, psychological testing, theories of ability and ethics. Students are able to pursue their individual interests in a wide range of areas relating to the application of psychology. In addition, they are introduced to other disciplines which complement the study of psychology. This innovative program offers students a unique opportunity to become involved and understand research-related activities by shadowing active researchers within the School. Students are required to shadow two research-related activities giving them both contact with a broad range of research staff and insight into their future specialisation options. In the fourth year, students who meet the entry requirements may undertake the honours program in psychology. Overall, the Bachelor of Psychology (with Honours) gives students an ideal preparation for further study and a psychology related career.

On-campus (Clayton) 4 years FT 8 years PT 93.5
VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English.
IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL, and a score of at least 4 in chemistry SL or 3 in chemistry HL, or 4 in mathematics SL or 3 in mathematics HL, or a 4 in physics SL or a 3 in physics HL.
5648

Bachelor of Psychological Science and Business
This course is designed primarily for students who wish to apply psychological training to work in a business environment. It comprises an undergraduate major in psychology accredited by the Australian Psychology Accreditation Council, core business units, and a major sequence offered by the Faculty of Business and Economics on the campus at which the student is enrolled.

On-campus (Malaysia) 3 years FT 6 years PT N/A
VCE: Units 1 and 2 – two units of mathematics (any) or Units 3 and 4 – mathematics (any). Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English.
IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL, and a score of at least 4 in mathematics SL or 3 in mathematics HL, or a 4 in physics SL or a 3 in physics HL.
N/A

Bachelor of Radiography and Medical Imaging
The degree provides the academic and practical experience to practice as a radiographer. Throughout the course, students divide their time between classes on campus and teaching hospitals and private radiography practices. In addition to general radiography, students study computed tomography (CT), magnetic resonance imaging and medical ultrasound. In final year students can choose either research or additional studies in for example CT or ultrasound. As well students complete a 24 week practical placement in final year. This degree provides for students to graduate with honours based on meritorious performance throughout the course.

On-campus (Clayton) 4 years FT 92.25
VCE: Units 3 and 4 – a study score of at least 35 in English (ESL) or 30 in any other English and a study score of at least 25 in physics or biology and in mathematical methods (CAS) or specialist mathematics.
IB: A score of at least 5 in English SL or 4 in English HL or 6 in English B SL or 5 in English B HL, and a score of at least 4 in mathematics SL or 3 in mathematics HL, or 4 in further mathematics SL, and a score of at least 4 in physics or biology SL or 3 in physics or biology HL.
6750

Bachelor of Social Welfare
The Bachelor of Social Welfare is a unique program that will offer graduates a professional welfare qualification. Graduates will have specialist skills and knowledge in either child welfare or aged care. Students will develop the necessary skills, theoretical knowledge and values to enable them to work effectively in the respective fields of practice and to promote change at personal, group, community, organisational and political levels. They will be able to engage in interpersonal counselling, research and policy, casework and case management, and management of human services organisations. Graduates will also be able to apply the knowledge gained locally, nationally and internationally.

On-campus (Berwick) 3 years FT 6 years PT 93.5
VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English.
IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL, and a score of at least 3 in any mathematics subject.
5648

Bachelor of Social Work
The Bachelor of Social Work offers subjects in the theory and practice of social work with individuals, families and communities as well as fieldwork skills. They also cover subjects in management, research and policy; all subjects are taught to encourage critical and reflective practice.

Off-campus (Caulfield) 2 years FT 4 years PT N/A
VCE: N/A
IB: N/A
5648

Applicants are required to have two years of an Arts degree or equivalent, including one unit in studies of individual behaviour and one in studies of how society functions.
### Bachelor of Arts and Bachelor of Social Work

This degree is a combination of the two single degrees. Please see the individual descriptions for more information.

- Multi-mode (Caulfield)
- Off-campus (Caulfield)
- On-campus (Caulfield)

**Course duration:** 4 years FT 8 years PT

**2012 Cutoff in ATAR:** 80.55

**Prerequisites:**
- VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English.
- IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL.

**2012 Indicative CSP fee:** 5048

### Bachelor of Biomedical Science and Bachelor of Engineering

This degree is a combination of the two single degrees. Please see the individual descriptions for more information.

- On-campus (Clayton)

**Course duration:** 5 years FT 10 years PT

**2012 Cutoff in ATAR:** 94.4

**Prerequisites:**
- VCE: Units 3 and 4 – a study score of at least 35 in English (ESL) or 30 in any other English, and a study score of at least 25 in chemistry, mathematical methods (CAS) and in one of physics or specialist mathematics.
- IB: A score of at least 5 in English SL or 4 in English HL or 6 in English B SL or 5 in English B HL, and a score of at least 4 in mathematics SL or 3 in mathematics HL.

**2012 Indicative CSP fee:** 8050

### Bachelor of Health Science and Bachelor of Business

This degree is a combination of the two single degrees. Please see the individual descriptions for more information.

- On-campus (Caulfield)

**Course duration:** 4 years FT 8 years PT

**2012 Cutoff in ATAR:** 83.5

**Prerequisites:**
- VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English and a study score of at least 25 in mathematics (any).
- IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL and a score of at least 3 in any mathematics subject.

**2012 Indicative CSP fee:** 8550

### Bachelor of Health Science and Bachelor of Social Work

This degree is a combination of the two single degrees. Please see the individual descriptions for more information.

- On-campus (Caulfield)

**Course duration:** 4 years FT

**2012 Cutoff in ATAR:** 73.45

**Prerequisites:**
- VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English.

**2012 Indicative CSP fee:** 7250

### Bachelor of Medicine and Bachelor of Surgery (Graduate Entry)

The graduate-entry MBBS is a four-year degree emphasising interdisciplinary teaching in biomedical science, population health and clinical skills. This thematic course places emphasis on critical thinking, reflective practice and communication skills and features early clinical contact visits to medical practices, community care facilities and hospitals commencing in the first year. Students are also required to spend time in rural areas as part of a health care team.

- On-campus (Clayton)

**Course duration:** 5 years FT

**Range of criteria:**
- VCE: Units 3 and 4 – a study score of at least 35 in English (ESL) or 30 in any other English and a study score of at least 30 in chemistry.

**2012 Indicative CSP fee:** 9425

### Bachelor of Medicine and Bachelor of Surgery (Undergraduate Entry)

The Monash MBBS is a five-year undergraduate degree for applicants who are new to tertiary study. It is an interdisciplinary course, combining biomedical sciences, social sciences and clinical skills training. The course is thematic and places emphasis on clinical communication skills, with clinical contact visits to medical practices, community care facilities and hospitals commencing in the first year. Students are also required to spend time in rural areas as part of a health care team.

- On-campus (Gippsland)

**Course duration:** 4 years FT

**Range of criteria:**
- VCE: Applicants must satisfy three requirements.
1. Completion (or in the process of completing) an Undergraduate degree (or equivalent qualification) from an Australian University or recognised International higher education institution.
2. Interview performance. Applicants must be medically or scientifically orientated. Satisfactory GPA must be met.
3. Applicants must sit the Graduate Australian Medical School Admissions Test (GAMSAT). For further information contact the GAMSAT office at ACER on (03) 8508 9097; email HYPERLINK "mailto:gsadmissions@acer.edu.au" gsadmissions@acer.edu.au. Short listed applicants will be required to attend an interview. Commonwealth Supported Places (CSPs) are not available in Malaysia. Please contact the campus for further information on fees.

**2012 Indicative CSP fee:** 9425

### Bachelor of Medicine and Bachelor of Surgery and Bachelor of Laws

This combined program is a recognition by the faculties of Medicine, Nursing and Health Sciences and Law that the burgeoning area of medical law requires a pool of graduates with an academic grounding in both professions. Monash is the only university in Australia that offers this joint degree.

- On-campus (Clayton)

**Course duration:** 7 years FT

**Range of criteria:** Minimum of a credit average in the 1st year of the MBBS program. Applicants will be required to attend an interview.

**2012 Indicative CSP fee:** 9425

### Bachelor of Nursing and Bachelor of Emergency Health (Paramedic)

This double-degree is a ground breaking initiative in inter-professional education that offers students a chance to gain skills and qualifications in both nursing and paramedic. Graduates will be eligible for registration with the Nursing and Midwifery Board of Australia or its equivalent and endorsement as a Paramedic including with Ambulance Victoria. They may be employed as Registered Nurses, paramedics or Paramedic Nurses in a range of emergency health settings for which the dual qualifications are likely to be highly regarded.

- On-campus (Peninsular)

**Course duration:** 4 years FT

**2012 Cutoff in ATAR:** 91.9

**Prerequisites:**
- VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English and a study score of at least 25 in mathematics (any).
- IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL, and a score of at least 4 in mathematics SL or 3 in mathematics HL or 4 in further mathematics SL or 4 in mathematical studies SL.

**2012 Indicative CSP fee:** 6250

### Bachelor of Nursing Practice and Bachelor of Midwifery

This degree is a combination of the two single degrees. Please see the individual descriptions for more information.

- On-campus (Gippsland)

**Course duration:** 4 years FT

**2012 Cutoff in ATAR:** 76

**Prerequisites:**
- VCE: Units 1 and 2- two units (any study combination) from general mathematics or mathematical methods (CAS), or Units 3 and 4 – mathematics (any). Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English.
- IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL, and a score of at least 3 in any mathematics subject.

**2012 Indicative CSP fee:** 5500

### 2012 Indicative CSP fee:

The fees that domestic students contribute while enrolled in a Commonwealth Supported Place (CSP) are listed against course offerings throughout this guide. These rates are indicative only and represent an average first-year contribution for 2012. Some adjustments will be made to fees for course commencement in 2013. Refer to www.monash.edu/fees. For the latest course details see www.monash.edu.au/study/coursefinder