Forest Stewardship Council (FSC®) is a globally recognised certification overseeing all fibre sourcing standards. This provides guarantees for the consumer that products are made of woodchips from well-managed forests and other controlled sources with strict environmental, economical, and social standards.
Your future
in health

Undergraduate guide 2018

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

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Health is one of the fastest-growing sectors in Australia and around the world – doctors, dentists, nurses, pharmacists, allied health and health professionals of all kinds are in constant demand.

We offer the largest range of health degrees of any Australian university, giving you many rewarding career options to improve the health and wellbeing of individuals, families and communities every day.
Experts
Since 1856, the University of Sydney has been producing world leaders in health, health education and research. Our graduates include pioneers such as heart transplant surgeon and researcher Victor Chang, research biologist Sir Gustav Nossal, and leading adolescent psychiatrist (and former governor of NSW) Dame Marie Bashir.

Our highly respected researchers, practitioners and clinicians are dedicated to teaching the next generation of leaders in healthcare. This is one of the reasons many of our graduates go on to change lives for the better.

Clinical and work placements
Clinical placements, fieldwork and service learning are major components of our health courses. You will have the opportunity to gain real-world, hands-on training in a range of healthcare settings – from our modern simulation facilities to our extensive and diverse network of partnerships and clinical schools in urban, rural and international locations.*

Graduate employability
With a broad range of flexible and dynamic career options, we prepare our graduates to understand the bigger picture, knowing that solutions often require health professionals working together. Whatever career path you choose, one thing is for sure: you will be in demand.

Rankings
Our health faculties consistently rank highly in international university rankings, upholding our reputation for quality education. We have been ranked first globally for sports-related disciplines including physical therapy, sports therapy and rehabilitation, and first in Australia for medicine, anatomy and physiology, with nursing ranked number two in Australia and ninth worldwide.**

State-of-the-art facilities
Development of the University of Sydney’s proposed Health Precinct in 2020 will, for the first time, bring multiple health disciplines together in a purpose-built facility that translates research into education and clinical services.

*You will need to obtain mandatory, government-regulated checks and clearances before undertaking a clinical placement. For more information, please visit: sydney.edu.au/study/admissions/enrol/course-checks-and-clearances.html

**QS World University Rankings by Subject 2017
We offer unparalleled choice

At Sydney you’ll have access to a breadth and depth of excellence in disciplines and professional fields that is unparalleled in Australia.

Broaden your skills

You can expand your skills with entrepreneurial thinking, persuasive communication, project management and ethical reasoning by taking short, on-demand and workshop-supported courses in our Open Learning Environment.

Follow your interests.

All of them.

We have created a new level of flexibility with a shared pool of majors and minors so you can expand your education with a second field of study.

In this guide, flexible options are only available for the Bachelor of Science (Health) and selected combined degrees.
YOUR EXPERIENCE

**Academic rigour**
Gain a deep understanding of your chosen disciplines of study and learn from those who are leaders in their fields.

**Global perspectives**
Set yourself up to go anywhere in the world by gaining the skills and understanding to work effectively across cultural boundaries.*
Go on exchange, study a language, or undertake projects in distinctive cultural settings here and overseas.

**Cross-disciplinary learning**
Study across or work with other disciplines to build your skills and tackle some of the most complex challenges of our time.

**Real-world projects**
Bridge the gap between theory and application by working on real-world industry, community, research and entrepreneurship projects.

* Please note that to work in other countries you will need to meet the registration requirements applicable in those countries.

YOUR FUTURE

You will leave university with the confidence and ability to think critically, collaborate productively, and influence the world.

sydney.edu.au/ug-experience
A WORLD OF OPPORTUNITY

Joining us is not just about studying. We offer you a range of opportunities to get involved in university life and gain real-world experience in Australia and overseas.

Mentoring
You can form social networks and receive learning support through the Belong@FHS program for all undergraduate students at the Faculty of Health Sciences, or through the University of Sydney Nursing School’s Culturally and Linguistically Diverse (CALD) program for international students.
- sydney.edu.au/health-sciences/study/leadership-development-program/belong-mentoring
- sydney.edu.au/nursing/study/additional/international

Study abroad
The Hoc Mai Foundation gives you the chance to study and learn in Vietnam. These opportunities are available to a range of students studying health degrees.
- sydney.edu.au/medicine/hocmai/scholarships

You may also be able to undertake a semester of study abroad at one of our partner universities around the world. The Faculty of Health Sciences’ FHS Abroad program allows senior undergraduate students to take an elective unit of study overseas (Vietnam, Cambodia or India) at a community-based organisation in a health services field.
- sydney.edu.au/health-sciences/study/fhs-abroad

Bachelor of Nursing (Advanced Studies) students may be eligible to undertake a four-week placement overseas in Taiwan, Sweden or the Netherlands.
Scholarships
We offer a wide range of scholarships throughout the year, including equity, subject-based, high-achiever and overseas exchange scholarships. Check the website to see what you might be eligible for.
− sydney.edu.au/scholarships

Leadership
All students enrolled in Faculty of Health Sciences courses have the opportunity to participate in the Leadership Development Program, which helps to develop future industry leaders and improve health outcomes in Australia and around the world.
− sydney.edu.au/health-sciences/study/leadership-development-program

Other opportunities
We also offer a range of clubs and societies, the opportunity to serve on a faculty board, student representation groups, ambassadorships and volunteering opportunities.

“The Leadership Development Program at the Faculty of Health Sciences offers a great range of mentoring programs with the opportunity to be both the mentor and the mentee.

“During my final year, I became a mentor to first-year students through the Belong@FHS program. I also had experience as a mentee through the Leadership Mentoring program – an initiative for students who show an interest in the field of health to be paired with a mentor according to your particular interests.

“I expressed an interest in public health and was placed with the NSW Minister for Health. It’s been amazing to meet with her and discuss my aspirations, and based upon those, she’s helped me establish meetings with other core heads in NSW Health, including the CEO of the Sax Institute and the Chief Allied Health Officer at RPA Hospital.”

Antonia Chacon
Bachelor of Applied Science (Speech Pathology) Honours
Clinical placements, fieldwork and service learning are major components of our health courses. They give you the opportunity to gain real-world, hands-on training through our extensive network of top-tier hospitals and community and public health facilities across metropolitan, regional and rural NSW.*

Students in the Bachelor of Applied Science (Diagnostic Radiography, Exercise and Sport Science, Exercise Physiology, Occupational Therapy, Physiotherapy and Speech Pathology) undertake placements in urban, rural and hospital settings.

Students of the Bachelor of Nursing (Advanced Studies) and combined degree nursing programs undertake clinical practice in emergency departments, intensive care units, paediatric units, mental health facilities and community health centres, with the opportunity to undertake a clinical placement overseas.

Bachelor of Oral Health students provide dental care to public patients within two teaching hospitals at the Westmead Centre for Oral Health and Sydney Dental Hospital. They also undertake rural placements and complete an external placement in the third year of the course.

Students undertaking double degrees in the Doctor of Medicine or the Doctor of Dental Medicine undertake clinical placements during their course.

*You will need to obtain mandatory, government-regulated checks and clearances before undertaking a clinical placement. For more information, please visit: sydney.edu.au/study/admissions/enrol/course-checks-and-clearances.html
You may have a particular career path or health qualification in mind.

Whatever you choose, we’ve designed our programs to give you the practical experience and academic knowledge to become an engaged, enquiring and globally aware healthcare professional.

The table below will help you identify the course or courses you need to choose to take the first steps on that journey.

<table>
<thead>
<tr>
<th>To become a</th>
<th>Start with a</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dentist</td>
<td>Bachelor of Science/Doctor of Dental Medicine or an undergraduate degree followed by a Doctor of Dental Medicine</td>
</tr>
<tr>
<td>Diagnostic radiographer</td>
<td>Bachelor of Applied Science (Diagnostic Radiography) or a Bachelor of Science (Health) followed by a Master of Diagnostic Radiography</td>
</tr>
<tr>
<td>Dietitian</td>
<td>Bachelor of Science/Master of Nutrition and Dietetics</td>
</tr>
<tr>
<td>Doctor</td>
<td>Bachelor of Arts or Bachelor of Science/Doctor of Medicine or an undergraduate degree followed by a Doctor of Medicine</td>
</tr>
<tr>
<td>Exercise and sport scientist</td>
<td>Bachelor of Applied Science (Exercise and Sport Science)</td>
</tr>
<tr>
<td>Exercise physiologist</td>
<td>Bachelor of Applied Science (Exercise Physiology) or a Bachelor of Science (Health) followed by a Master of Exercise Physiology</td>
</tr>
<tr>
<td>Occupational therapist</td>
<td>Bachelor of Applied Science (Occupational Therapy) or a Bachelor of Science (Health) followed by a Master of Occupational Therapy</td>
</tr>
<tr>
<td>Oral health therapist</td>
<td>Bachelor of Oral Health</td>
</tr>
<tr>
<td>Pharmacist</td>
<td>Bachelor of Pharmacy or Bachelor of Pharmacy and Management or an undergraduate degree followed by a Master of Pharmacy</td>
</tr>
<tr>
<td>Physiotherapist</td>
<td>Bachelor of Applied Science (Physiotherapy) or a Bachelor of Science (Health) followed by a Master of Physiotherapy</td>
</tr>
<tr>
<td>Registered nurse</td>
<td>Bachelor of Nursing (Advanced Studies) or a Bachelor of Arts or Bachelor of Science or Bachelor of Science (Health)/Master of Nursing</td>
</tr>
<tr>
<td>Speech language pathologist</td>
<td>Bachelor of Applied Science (Speech Pathology) or a Bachelor of Science (Health) followed by a Master of Speech Language Pathology</td>
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</tbody>
</table>
| Health management, health policy and administration, health product development, Indigenous health, international aid and development, pharmaceutical industry, rehabilitation counsellor. | Bachelor of Nursing (Advanced Studies)  
Bachelor of Pharmacy  
Bachelor of Pharmacy and Management  
Bachelor of Science (Health)  
Bachelor of Science/Bachelor of Advanced Studies (Health) |
YOUR STUDY OPTIONS

We offer the largest range of health courses of any Australian university.

– sydney.edu.au/courses
Our undergraduate degrees

- Bachelor of Applied Science (Diagnostic Radiography)
- Bachelor of Applied Science (Exercise and Sport Science)
- Bachelor of Applied Science (Exercise Physiology)
- Bachelor of Applied Science (Occupational Therapy)
- Bachelor of Applied Science (Physiotherapy)
- Bachelor of Applied Science (Speech Pathology)
- Bachelor of Nursing (Advanced Studies)
- Bachelor of Oral Health
- Bachelor of Pharmacy
- Bachelor of Pharmacy and Management
- Bachelor of Science (Health)

Combined and double degrees

We offer combined and double degrees shared with the Faculty of Science and the Faculty of Arts and Social Sciences.

Combining two degrees is a great way to explore and enjoy an undergraduate degree while taking a more career-specific path with a postgraduate degree. The combined and double degrees include:

- Bachelor of Arts/Doctor of Medicine
- Bachelor of Arts/Master of Nursing
- Bachelor of Science/Bachelor of Advanced Studies (Health)
- Bachelor of Science/Doctor of Dental Medicine
- Bachelor of Science/Doctor of Medicine
- Bachelor of Science/Master of Nursing
- Bachelor of Science (Health)/Master of Nursing
- Bachelor of Science/Master of Nutrition and Dietetics.
“It is not the strongest of species that survives, nor the most intelligent, but the ones most responsive to change.”

Charles Darwin (1809–82)
Naturalist, biologist, evolutionary theorist
Explore our wide variety of undergraduate degrees, the subjects you’ll study each year, and where they could lead you once you graduate.
In the Bachelor of Applied Science (Diagnostic Radiography) you will learn to use equipment ranging from small mobile X-ray machines to larger units, from MRI and CT scanners to sophisticated cardiac units, enabling timely and accurate patient diagnoses.

Graduate opportunities

This degree is accredited by the Medical Radiation Practice Board of Australia (MRPBA) and is an approved program of study for general registration as a diagnostic radiographer.

Graduates have the opportunity to work in a range of settings, such as small regional clinics, large metropolitan imaging departments, and hospital emergency departments.

Diagnostic radiographers work closely with cardiologists in imaging heart disease, with surgeons during a range of operations, and with doctors in the emergency room.

As a diagnostic radiography student, you will learn to work closely with radiologists to employ a range of technologies, according to the information provided in a medical practitioner’s request, to create images that can help provide an accurate diagnosis.

During this four-year degree you will undertake significant clinical and professional fieldwork opportunities, providing hands-on experience with real clients in a supervised environment.

Graduate opportunities

This degree is accredited by the Medical Radiation Practice Board of Australia (MRPBA) and is an approved program of study for general registration as a diagnostic radiographer.

Graduates have the opportunity to work in a range of settings, such as small regional clinics, large metropolitan imaging departments, and hospital emergency departments.

sydney.edu.au/courses/bachelor-of-applied-science-diagnostic-radiography

Year 1
- Foundations of Biomedical Science
- Foundations of Work Integrated Learning
- Health, Behaviour and Society
- Health Physics and Radiation Biology
- Imaging Technology 1
- Medical Radiation Physics
- Structure, Function and Disease A
- Structure, Function and Disease B

Year 2
- Image Optimisation and Processing
- Imaging Technology 2
- Radiographic Evaluation 1
- Radiographic Evaluation 2
- Radiographic Science 1
- Radiographic Science 2
- Radiography Work Integrated Learning 1
- Radiography Work Integrated Learning 2

Year 3
- Health and Indigenous Populations
- Imaging Through the Lifespan
- Professional Issues and Leadership
- Radiographic Science 3
- Radiography Work Integrated Learning 3
- Radiography Work Integrated Learning 4
- Select one from: Health and Globalisation; International Health; or FHS Abroad
- Elective (undergraduate elective as approved)*

Year 4
- Comparative Imaging
- Radiographic Evaluation 3
- Radiography Work Integrated Learning 5
- Radiography Work Integrated Learning 6
- Radiography Work Integrated Learning 7
- Radiography Work Integrated Learning 8
- Elective*
- Professional Project (Capstone) *

*Students in the honours program enrol in three specific honours units (Honours A: Research Design, Honours B: Applied Research Skills and Honours C: Research Project) in years 3 and 4, in lieu of these units.

Note: Units of study in years three and four are subject to final approval.

Course details/key admission requirements

- 2017 ATAR: 95.0
- IB: 37
- UAC code: 512630
- Duration: four years (full time)
- Recommended studies: Mathematics plus one of Physics, Biology or Chemistry
- The E12 scheme is available for this course.
Exercise scientists help people recover from injury, maximise the performance of elite athletes, promote healthy ageing and generally improve people’s health and wellbeing.

During this three-year degree your studies will cover all aspects of exercise and sport science, including musculoskeletal anatomy, body systems, muscle mechanics and training, neuroscience, nutrition, exercise testing and prescription, and motor control and learning.

This program incorporates significant professional fieldwork opportunities, providing hands-on experience with real clients in a supervised environment. Through completion of a minimum of 140 hours of approved professional experience you will learn to combine the academic components of the course with the practical abilities required of the profession.

Graduate opportunities
Graduates are eligible to apply for membership with Exercise and Sport Science Australia (ESSA) and professional registration as an exercise scientist.

Our graduates find careers in the sport, fitness and health industries; work health and safety; injury prevention; public health; exercise rehabilitation; research and technology; education and health; and medical insurance.

- sydney.edu.au/courses/bachelor-of-applied-science-exercise-and-sport-science

Year 3
- Exercise, Health and Disease
- Motor Control and Learning
- Professional Practice
- Sport and Exercise Psychology

Choose four approved electives from across the faculty or University.

Possible electives include:
- Anatomical Analysis of Exercise
- Biomechanics of Sports Techniques
- Designing a Research Project
- Exercise and Rehabilitation
- Exercise Pharmacology and Immunology
- FHS Abroad
- Interdisciplinary eHealth
- Management, Marketing and the Law
- Physiological Testing and Training
- Environmental Stress and Physiological Strain
- Physical Activity and Population Health.

Honours is offered in fourth year to high-achieving students.

Course details/key admission requirements
2017 ATAR: 82.0
IB: 29
UAC code: 512652
Duration: three years (full time)
Assumed knowledge: Chemistry, Mathematics

The E12 scheme is available for this course.
Exercise physiologists specialise in the delivery of exercise and behaviour change for the prevention and management of conditions such as cardiovascular disease, diabetes, obesity, osteoporosis, depression, cancer and arthritis.

As an exercise physiology student, you will train in the assessment of physical and functional capacity, the identification of risks and the design of targeted, functional and sustainable exercise programs.

Through more than 500 hours of clinical experience you will learn to apply your knowledge and gain significant practical experience, working with a range of different clients in numerous settings such as gyms, hospitals and on-site clinics.

**Graduate opportunities**

Once you graduate you will be eligible to apply for accreditation as both an exercise physiologist and exercise scientist through Exercise and Sport Science Australia.

As an accredited exercise physiologist, you will have the opportunity to work across all sectors of healthcare, including cardiac rehabilitation, musculoskeletal rehabilitation, mental health, long-term rehabilitation following spinal cord injury, ageing, occupational rehabilitation and programs for people with an intellectual disability.

- sydney.edu.au/courses/bachelor-of-applied-science-exercise-physiology

**Year 1**
- Biomechanics of Human Movement
- Body Systems: Structure and Function
- Foundations of Biomedical Science
- Functional Musculoskeletal Anatomy A
- Functional Musculoskeletal Anatomy B
- Fundamentals of Exercise Science
- Health, Behaviour and Society
- Muscle Mechanics and Training

**Year 2**
- Biomechanical Analysis of Movement
- Exercise Physiology and Biochemistry
- Exercise Physiology - Training Adaptations
- Exercise Testing and Prescription
- Growth, Development and Ageing
- Nutrition, Health and Performance
- Neuroscience
- Practice in Clinical Exercise Physiology

**Year 3**
- Exercise Across the Lifespan
- Exercise and Rehabilitation
- Exercise, Health and Disease
- Exercise Pharmacology and Immunology
- Motor Control and Learning
- Practicum with Low-Risk Clients
- Sport and Exercise Psychology
- Health Science and Research*

**Year 4**
- Case Studies 1 Clinical Exercise Science
- Case Studies 2 Clinical Exercise Science
- Clinical Placement 1
- Clinical Placement 2
- Clinical Placement 3
- Clinical Placement 4
- Two electives*

Possible electives include:
- Anatomical Analysis of Exercise
- Environmental Stress and Physiological Strain
- FHS Abroad
- Management, Marketing and the Law
- Physical Activity and Population Health
- Physiological Testing and Training
- Workplace Injury/Prevention Management.

*Students in the honours program enrol in three specific honours units (Honours A: Research Design, Honours B: Applied Research Skills and Honours C: Research Project) in years 3 and 4, in lieu of these units.

**Course details/key admission requirements**

- **2017 ATAR:** 90.0
- **IB:** 33
- **UAC code:** 512652
- **Duration:** four years (full time)
- **Assumed knowledge:** Chemistry, Mathematics
- The E12 scheme is available for this course.
Occupational therapists work with individuals and groups of all ages and needs in a variety of settings including hospitals, rehabilitation centres, private practice and community centres. They also work in non-traditional areas such as early intervention, health promotion, education, consultancy, industry and accessibility.

During this four-year degree, you will cover a wide range of topics including human anatomy, neurosciences, occupational therapy theory and practice, psychology and social sciences. Through more than 1000 hours of supervised clinical placement you will gain hands-on experience with real clients, learning to combine your knowledge with the practical abilities required of the profession.

**Graduate opportunities**

Graduates are eligible for membership of Occupational Therapy Australia and the World Federation of Occupational Therapists, and registration with the Occupational Therapy Board of Australia.

The breadth of occupational therapy means you can diversify your career while staying within the same profession. For example, you could work one on one in rehabilitation with stroke or cancer survivors, then work with babies in a neonatal intensive care unit or young adults in a community mental health program.

- sydney.edu.au/courses/bachelor-of-applied-science-occupational-therapy

### Course details/key admission requirements

**2017 ATAR:** 92.0  
**IB:** 34  
**UAC code:** 512600  
**Duration:** four years (full time)  
**Recommended studies:** Biology  
The E12 scheme is available for this course.
As a physiotherapy student, you will learn through state-of-the-art simulations and practical experiences how to employ a range of drug-free techniques to treat and prevent injuries.

In addition to the high-profile sports side of physiotherapy, graduates also practise in roles that contribute significantly to the wider community, such as the management of neurological conditions, movement disorders, rehabilitation and recovery.

During this four-year degree, you will gain a comprehensive knowledge of physiotherapy, including areas such as musculoskeletal anatomy, neuroscience, respiratory and cardiac conditions, paediatric physiotherapy and preventative healthcare. The Bachelor of Applied Science (Physiotherapy) incorporates significant clinical and professional fieldwork opportunities, providing hands-on experience with real clients in a supervised environment.

You will undertake a one-week clinical placement in your first year followed by five five-week clinical placements in years two, three and four.

**Graduate opportunities**

This program is accredited by the Australian Physiotherapy Council on behalf of the Australian Health Practitioner Regulation Agency. Upon graduation, you are eligible to apply for registration as a physiotherapist with the Physiotherapy Board of Australia.

You can choose from a diverse range of physiotherapy and health promotion career options in both the public and private sectors, in settings such as healthcare organisations, sports, schools and community, and private practice.

Many of our graduates obtain highly sought-after graduate physiotherapist positions in the NSW public health system, providing assessment and treatment to both inpatients and outpatients.

Graduate opportunities

This program is accredited by the Australian Physiotherapy Council on behalf of the Australian Health Practitioner Regulation Agency. Upon graduation, you are eligible to apply for registration as a physiotherapist with the Physiotherapy Board of Australia.

You can choose from a diverse range of physiotherapy and health promotion career options in both the public and private sectors, in settings such as healthcare organisations, sports, schools and community, and private practice.

Many of our graduates obtain highly sought-after graduate physiotherapist positions in the NSW public health system, providing assessment and treatment to both inpatients and outpatients.

- sydney.edu.au/courses/bachelor-of-applied-science-physiotherapy

**Course details/key admission requirements**

2017 ATAR: 99.0
IB: 42
UAC code: 512605
Duration: four years (full time)
Assumed knowledge: Chemistry, Physics
Recommended studies: Mathematics
The E12 scheme is available for this course.
Phil Coles
Director of Medical Services
San Antonio Spurs (basketball)
Bachelor of Applied Science (Physiotherapy) 1998

What are your career highlights?
I’ve been really lucky so far. I went to the FIFA World Cup as head of physiotherapy with the Socceroos, attended the Carling Cup and the FA Cup as head of physiotherapy for Liverpool Football Club (in the UK) and was part of the team that saw the Newcastle Knights get through to the National Rugby League grand final qualifier.

How did your time at university help you in your professional life?
The University of Sydney taught me to think about and understand the process of decision making and the value of objective measurement. Without my undergraduate degree in physiotherapy I would never have had the opportunity to work in sport.

What advice would you offer new students?
Focus on understanding the material and learning to follow a process that allows you to grow and evolve. Get out in the community and gain physiotherapy experience in as many different sports as you can. Meet as many people as you can. Learn from as many people as you can. Don’t underestimate your skills – you have a lot of value to bring to a sporting club, so don’t underestimate or undersell that.

What are your career aspirations?
I want to keep progressing and make sure I find the right club and environment that suits my philosophies and allows me to have some positive influence. Here at the San Antonio Spurs, I’ve found that. I’m enjoying the general experience of working in the National Basketball Association in the United States and will hopefully get to be part of the finals at some point.

*Students in the honours program enrol in three specific honours units (Honours A: Research Design, Honours B: Applied Research Skills and Honours C: Research Project) in years 3 and 4, in lieu of the elective units.
BACHELOR OF APPLIED SCIENCE (SPEECH PATHOLOGY)

Study our Bachelor of Applied Science (Speech Pathology) and improve the quality of life of people with a communication or swallowing disability by assisting them to participate and communicate more effectively in their community.

As a speech pathology student, you will learn from leading experts researching and practising in a range of specialist areas in communication sciences and disorders.

Through hands-on learning and clinical practice you will develop the ability to work with children and adults with communication difficulties caused by congenital or developmental problems, illness and emotional or physical trauma.

Communication disabilities are the result of problems with speech, using and understanding language, voice, fluency, hearing, or reading or writing. You will develop the clinical, professional and research skills required to assess and treat communication and swallowing disorders.

Clinical practice is an integral part of the program. Case-based learning and observation commences in first year while clinical practice starts in second year and continues to your last semester of study in fourth year. Under supervision, clinical practice takes place in the on-campus clinic, early childhood centres, private practice, hospitals, community health centres, developmental disability services, schools and specialist clinics. At least one clinical placement will take place outside of the Sydney metropolitan area.

During this four-year degree you will study a wide range of areas in speech pathology, including speech science, linguistics and phonetics, neuroscience, motor speech and dysphagia, and counselling and behaviour management for communication disorders.

You will be required to communicate fluently and effectively in high-level spoken and written English, and we recommend a bridging course in grammatical analysis for all commencing students. We welcome applications from students with disabilities as well as students who are fluent in a community language.

Graduate opportunities

Graduates of this four-year degree meet the eligibility requirements for practising membership status with Speech Pathology Australia.

Speech pathologists work in diverse settings, including public and private hospitals, community health, mental health services, aged-care facilities, schools and disability services. As a speech pathology graduate, you may also work in private practice, with the potential to operate your own business as a private practitioner.

A career in speech pathology gives you the rewarding opportunity to work within health and school teams in metropolitan, rural communities and even overseas. Your degree can also be the first step for further research within a particular area of speech pathology.

– sydney.edu.au/courses/bachelor-of-applied-science-speech-pathology
### Year 1
- Foundations of Biomedical Science (or elective)
- Hearing Science and Audiology
- Human Communication
- Linguistics and Phonetics
- Neuroscience 1: Communication Disorders
- Psychology and Cognitive Factors
- Speech Science
- Stuttering

### Year 2
- Child Language
- Cognitive Neuropsychology
- Introductory Practice 1: Clinical; or Introductory Practice 1: Community
- Introductory Practice 2: Clinical; or Introductory Practice 2: Community
- Motor Speech and Dysphagia
- Neuroscience II: Communication Disorders
- Speech Sound Disorders
- Voice and Voice Disorders

### Year 3
- Counselling and Behaviour Management for Communication Disorders
- Intermediate Clinic 1: Child; or Intermediate Clinic 1: Adult
- Intermediate Clinic 2: Adult and Community; or Intermediate Clinic 2: Child and Community
- Lifelong Disability and Augmentative and Alternative Communication
- Neurogenic Language Disorders
- Phonology, Language and Literacy
- Specialist Studies
- Speech Pathology Research Methods*

### Year 4
- Evidence-Based Practice for Speech Pathology*
- Advanced Practice: Adult
- Advanced Practice: Clinical
- Advanced Practice: Community
- Advanced Practice: Paediatric
- Professional Issues*

Possible electives include:
- Body Systems: Structure and Function
- Functional Musculoskeletal Anatomy A
- Fundamentals of Rehabilitation
- Health, Behaviour and Society
- Writing: Style and Method.

*Students in the honours program enrol in three specific honours units (Honours A: Research Design, Honours B: Applied Research Skills and Honours C: Research Project) in years 3 and 4, in lieu of these units. Note that some of the core unit requirements for honours are also different.

### Course details/key admission requirements
- **2017 ATAR:** 93.0
- **IB:** 35
- **UAC code:** 512610
- **Duration:** four years (full time)
- **Recommended studies:** English (Advanced)
- **Other information:** A bridging course in grammatical analysis is recommended for all students. The E12 scheme is available for this course.
Provide high-quality care and change lives with our Bachelor of Nursing (Advanced Studies). Combining practical learning with extensive clinical placements, this degree will enable you to apply for registration with the Nursing and Midwifery Board of Australia and launch your career in healthcare.

As a nursing student at the University of Sydney, you will learn from Australia’s leading experts in nursing. Delivered through lectures, tutorials, simulation clinics and clinical placements, you will gain a wide range of theoretical knowledge, including human biology, physiology, pharmacology, psychology and sociology. You will also develop practical skills that will enable you to deliver nursing care in complex clinical scenarios.

During this three-year degree, units are structured into four broad areas that are interwoven into your learning experiences throughout the course: underpinnings of nursing practice; health, development and assessment; contexts of practice; and nursing and practice.

The advanced element of the course underpins all of these areas of study and focuses on cultivating leadership, using research to make evidence-based decisions, and enhancing your understanding of the international health landscape.

Alongside your classroom studies you will gain invaluable practical experience through 880 hours of clinical placements across a wide variety of healthcare settings including emergency departments, intensive care units, paediatric units, mental health facilities and community health centres.

**Graduate opportunities**

Graduates are eligible to apply for registration as a nurse with the Nursing and Midwifery Board of Australia and work as a registered nurse in Australia.

With a wide and growing field of practice across the public and private healthcare systems, this degree will prepare you to thrive in both local and global health environments as you work with other health professionals to provide high-quality, patient-centred care.

− sydney.edu.au/courses/bachelor-of-nursing-advanced-studies

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**Course details/key admission requirements**

2017 ATAR: 84.0  
IB: 30  
UAC code: 511925  
Duration: three years (full time)/six years (part time)  
The E12 scheme is available for this course.
“Sydney Nursing School offers a fantastic variety of clinical placement opportunities ranging from aged care to paediatrics, mental health and critical care that engenders graduate attributes and assists students in becoming well-rounded practitioners.

“I had the opportunity to work with the NSW Air Ambulance Service as one of my clinical placements. I was able to refine my clinical skills to allow for efficient and effective delivery of critical care.

“The opportunities that stem from this world-class institution and the industry leaders I have been exposed to have assisted me with being able to make definitive decisions regarding the direction of my career, a prospect not found anywhere else.”

“I have always wanted to be in a profession that allowed me to work directly with members of the community. Language and communication have always intrigued me. Speech pathology was the perfect fit as I get to explore the intricacies of language and at the same time help those who require assistance and support in terms of communication.

“I have enjoyed the learning experience at the Faculty of Health Sciences, especially the amicable relationship between the students and academic staff. The academic staff are research leaders in their respective fields and I wanted to learn from the best.”
“I have a love for sport and exercise as well as a desire to help people, so exercise physiology seemed like the best course for me.

“The wide range of subjects and clinical placements that I have undertaken have allowed me to gain a better idea of what areas I may be interested in working in after graduation.

“I am really enjoying the relaxed, friendly nature of the faculty, and the reputation and experience of the staff.”

“Clinical exposure and the encouragement to make my own clinical decisions based on literature and knowledge gained through this course prepared me to tackle obstacles in the workplace. Once you get to the last year you are given much more freedom to work independently. Through the many different hospitals and organisations we attended and volunteered at, I was exposed to a wide variety of patients and environments.

“The Bachelor of Oral Health provides the opportunity to travel to rural, regional and overseas communities for clinical practice and oral health promotion, where you are able to work alongside allied health professionals. The intensity and hands-on navigation of the course really aided in the development of my clinical skills.”
Anne Nguyen graduated with a Bachelor of Pharmacy from the University of Sydney in 2008. Since then her career in pharmacy has taken her to various roles and locations – from a hospital pharmacy in Sydney to international management roles in the pharmaceutical industry.

Today, Anne works as a Project Leader for Boston Consulting Group, a global management-consulting firm, based in the company’s flagship office in New York.

We chatted with Anne to find out about her career highlights so far and how she found studying pharmacy at the University of Sydney.

What do you love most about working in pharmacy and healthcare?
A career in pharmacy allows me to work with great people and solve interesting problems across a wide variety of industries. I have had the privilege of working with many healthcare clients, retailers, a media company and even an art school.

Being a project leader in pharmacy is a diverse role and no two days are the same, which keeps things interesting and exciting.

What have been your career highlights since graduating?
One of the many great aspects of studying a Bachelor of Pharmacy is the wide variety of career opportunities in healthcare available to you after graduation.

I started out my career as an intern at the Children’s Hospital at Westmead Pharmacy. Managing the cardiology ward was one of my great career highlights and where I learnt a lot about what makes a good team and customer service.

As an associate at Boston Consulting Group, I worked on a strategy project with a leading pharmacy to drive significant growth. But even more so, I helped to design and test the solution in 85 stores before it was rolled out to the rest of their stores.

As a consultant, I worked with the global heads of manufacturing and quality at a large biopharma company to improve their organisational structure.

Why did you decide to study pharmacy?
A love of science and a passion to help people were two of the main things that guided me to undertake a career in pharmacy. The Bachelor of Pharmacy degree allowed me to combine and explore both.

What did you enjoy most about the Faculty of Pharmacy?
The people. I learned so much from my peers, the faculty staff and academics. Studying at the University of Sydney allowed me to learn from leaders in the pharmacy industry who were always willing to pass on their knowledge.
Oral health therapists are at the forefront of dental disease prevention and the promotion of oral health. As an integral part of the dental team, they provide preventive dental services, examine and diagnose dental decay and periodontal disease, collaborate with dentists and specialists on more complex problems and work with community partners to educate and promote oral health.

The Bachelor of Oral Health is a full-time, five-day-a-week course taught over three years. You will gain the required knowledge, clinical skills and experience to deliver dental hygiene and therapeutic treatment services, and oral health education and promotion, to patients and communities throughout Australia and New Zealand.

Graduate opportunities

The Bachelor of Oral Health is fully accredited by the Australian Dental Council. Our graduates are eligible for registration with the Dental Board of Australia and are licensed with the Environmental Protection Authority to use diagnostic radiation.

Upon registration, you will be able to practise as a dental therapist, dental hygienist or oral health educator across the public and private sectors throughout Australia and New Zealand.

You will be highly sought after, especially by public sector service providers and dentists in private practice, who are increasingly looking for practitioners with dual qualifications in dental hygiene and dental therapy.

- sydney.edu.au/courses/bachelor-of-oral-health
Course details/ key admission requirements

We will assess your application to our Bachelor of Oral Health according to your performance in the following areas:

- meeting the minimum Australian Tertiary Admission Rank (ATAR) required for the course, or satisfactory record of previous tertiary study. If you do not have an ATAR or a previous tertiary qualification, and you are older than 21, you may be eligible to apply through the Mature Age Entry Scheme for domestic students
- satisfactory completion of Multiple Mini Interviews (MMI), a series of short interviews in which applicants move between interview stations.

UAC code: 511401
Duration: three years (full time)
Recommended studies: Biology and/or Chemistry
As a pharmacy student, you will learn from internationally renowned academics about the chemical, physical, pharmaceutical and pharmacological properties of medicines, and the application of these in the practice of pharmacy.

You will have access to the latest technology, facilities and teaching laboratories, and gain extensive clinical experience.

In the first year of this four-year degree, you will study biology and chemistry and be introduced to pharmacy through foundation and social pharmacy studies.

The remaining three years of the course are devoted to studying higher levels of biomedical and pharmaceutical sciences, together with specialised clinical pharmacy studies. In senior years you will spend considerable time in clinical placements in community and hospital pharmacies, where you will gain invaluable practical experience.

You will also have the opportunity to develop specialist knowledge in fourth year through an optional pharmacy major or, for meritorious students, choose to undertake an honours research project.

Graduate opportunities

To become a registered pharmacist, you will need to complete 1824 hours (one working year) of supervised practical training and the Intern Training Program to register with the Pharmacy Board of Australia. International students also need to demonstrate an IELTS score of 7.5 or equivalent.

As an integral member of the healthcare system, you will be able to pursue an exciting and diverse range of career options spanning retail pharmacy, hospital pharmacy, research positions within universities and research institutes, and positions in the pharmaceutical industry in drug production and development.

– sydney.edu.au/courses/bachelor-of-pharmacy
Year 1
Basic Pharmaceutical Sciences
Chemistry A (Pharmacy)
Chemistry B (Pharmacy)
From Molecules to Ecosystems
Foundations of Pharmacy
Human Biology
Physical Pharmaceutics and Formulation A
Social Pharmacy

Year 2
Drug Discovery and Design A
Drug Discovery and Design B
Microbiology and Infection
Pharmacology for Pharmacy
Pharmacy Practice
Physical Pharmaceutics and Formulation B
Physiology for Pharmacy
Therapeutic Principles

Year 3
Cardiovascular and Renal
Endocrine, Diabetes and Reproductive
Gastrointestinal
Musculoskeletal, Dermatological and Senses
Mental Health
Neurology
Oncology and Immunology
Pharmaceutical Skills and Dispensing A
Pharmaceutical Skills and Dispensing B
Respiratory
Clinical Placement A
Clinical Placement B

Year 4
Clinical Placement*
Integrated Dispensing Practice
Novel Therapeutics*
Pharmacotherapeutics
Pharmacy Management I
Pharmacy Services and Public Health
Professional Practice*
Fourth-year honours**
Research Methods replaces Pharmacy Management I in Semester 1 and Honours replaces Novel Therapeutics, Professional Practice and Clinical Placements in Semester 2.

* The fourth-year International Major has a 24 credit point international exchange component and a 24 credit point industrial placement, which replace Novel Therapeutics, Professional Practice and Clinical Placement units.
** Honours is competitive and by selection only and is available in the fourth year of the program for high-achieving students.

Course details/key admission requirements
2017 ATAR: 90.0
IB: 33
UAC code: 512400
Duration: four years (full time)
Assumed knowledge: Chemistry, Mathematics
Recommended studies: Biology or Physics
The E12 scheme is available for this course.

2017 ATAR: 90.0
IB: 33
UAC code: 512400
Duration: four years (full time)
Assumed knowledge: Chemistry, Mathematics
Recommended studies: Biology or Physics
The E12 scheme is available for this course.
As a pharmacy and management student, you will develop an understanding of sound business practices integrated with sustainable healthcare models. Through practical learning and extensive clinical placements, you will learn how drugs are developed and how medications affect the human body.

You will also understand how to apply key business knowledge to your pharmacy practice, no matter which professional pharmacy avenue you choose.

Throughout this five-year degree, you will cover topics including chemical, physical, pharmaceutical and pharmacological properties of medicines, and the application of these in practice. We offer a mix of lectures, tutorials, labs, small group work and problem-based learning so you can develop valuable practical skills and knowledge.

In senior years, you will spend considerable time in clinical placements in community and hospital pharmacies gaining vital practical experience.

You will study in the newly opened Abercrombie Building – headquarters of the University of Sydney Business School – a state-of-the-art learning environment, as well as the Faculty of Pharmacy’s high-calibre facilities.

Graduate opportunities

To become a registered pharmacist, graduates of this course need to complete 1824 hours (one working year) of supervised practical training and the Intern Training Program, in order to register with the Pharmacy Board of Australia.

Whether you decide to register as a pharmacist, run your own business, enter the pharmaceutical industry, work for government agencies, or contribute to research and academia, you will be in demand and have the opportunity to improve people’s lives directly.

– sydney.edu.au/courses/bachelor-of-pharmacy-and-management
Year 1
Accounting, Business and Society*
Chemistry A (Pharmacy)
Chemistry B (Pharmacy)
Foundations of Pharmacy
Human Biology
Economics for Business
Decision Making*
From Molecules to Ecosystems
Social Pharmacy
Year 2
Basic Pharmaceutical Sciences
Foundations of Business Law*
Foundations of Work Employment*
Microbiology and Infection
Pharmacology for Pharmacy
Pharmacy Practice
Physical Pharmaceutics and Formulation A
Physiology for Pharmacy
Year 3
Digital Business Innovation*
Drug Discovery and Design A
Drug Discovery and Design B
Foundations of Management*
HR Processes and Strategies*
Marketing Principles*
Physical Pharmaceutics and Formulation B
Therapeutic Principles

Year 4
Cardiovascular and Renal
Endocrine, Diabetes and Reproductive
Gastrointestinal
Mental Health
Musculoskeletal, Dermatological and Senses
Neurology
Oncology and Immunology
Pharmaceutical Skills and Dispensing A
Pharmaceutical Skills and Dispensing B
Respiratory
Clinical Placement A
Clinical Placement B
Year 5
Integrated Dispensing Practice
Leadership in Organisations*
Novel Therapeutics
Pharmacotherapeutics
Professional Practice
Pharmacy Services and Public Health
Clinical Placement C
Clinical Placement D
Fifth Year Honours**
Research Methods replaces Leadership in Organisations in Semester 1 and Honours replaces Novel Therapeutics, and Professional Practice in Semester 2

* Business and management units are offered by the University of Sydney Business School, may change for 2018, and are subject to final approval.
** Honours is competitive and by selection only and is available in the fifth year of the program for high-achieving students.

Course details/key admission requirements
2017 ATAR: 90.0
IB: 33
UAC code: 512402
Duration: five years (full time)
Assumed knowledge:
Chemistry, Mathematics
Recommended studies:
Biology or Physics
BACHELOR OF SCIENCE (HEALTH)

Study our Bachelor of Science (Health) to understand the nature of the health problems global communities face and how to design effective healthcare approaches that serve our diverse, technology-enabled, and ageing population.

The Bachelor of Science (Health) provides a thorough understanding of health and health systems at the local, national and global levels. You will graduate with the ability to navigate the complexity of health in different sociocultural, political and economic contexts. You will develop core skills in critical thinking, complex problem solving, communication and empathy.

Majors

You will complete a major in Health with core units in areas such as human biology, psychology and eHealth, ensuring you gain a breadth of knowledge of healthcare and its latest developments. In your senior years you will specialise in areas of interest and pursue an optional second major.

Health

In the Health major you will develop and apply your knowledge of global and local health issues, health systems and roles to design equitable and effective approaches to health promotion for different communities.

Through innovative educational practices, you will experience different aspects of health. Once you’ve identified your particular passion in health, you can choose to explore these areas in greater depth. Some topics include: eHealth, health ethics and the law, the social determinants of health, health policy, health economics, and health research.

You will develop critical thinking, problem solving, communication, and research skills through interactive classes and real-world assessments. This will support you in developing skills applicable to a broad range of health roles and industries.

The University offers a range of second majors to complement your Health major. Two examples are described in more detail below. For a full list, visit sydney.edu.au/courses

Hearing and Speech

The Hearing and Speech major prepares students for postgraduate study in Speech Pathology or Audiology or work in the disability sector, medical/technical writing, or in special education support.

Graduates will acquire an integrated understanding of the linguistic, psychological, acoustic, neuroscience and anatomical bases of human communication and technical skills in speech and language analysis and hearing assessment.

Human Movement

The Human Movement major is an integration of anatomical, physiological and biomechanical principles related to human movement. You will acquire in-depth knowledge of how the human body moves, and skills in measuring and analysing human movement.

Graduates will be equipped to assist in health service roles and the conduct of research and analysis of data relevant to the study of human movement.

The Human Movement major provides a strong foundation for further graduate study in fields such as physiotherapy, exercise physiology, diagnostic radiography, and medicine (subject to meeting eligibility criteria).
Graduate opportunities

Upon graduating, you can move into a range of positions in a variety of health industries including corporate health, government and policy, and not-for-profit organisations.

Career options include health promotion, policy-making, project and case management, consultant, logistics and procurement, insurance, business development, marketing and public relations.

- sydney.edu.au/courses/bachelor-of-science-health

Advanced Studies

The new Bachelor of Advanced Studies is available to Bachelor of Science (Health) students. It supercharges your undergraduate experience at Sydney.

You will have the opportunity to:

- design your own degree by combining studies from a range of disciplines
- build on your expertise with advanced coursework and project work
- complete a second major.

For more details, see page 38 of this guide or visit

- sydney.edu.au/bachelor-advanced-studies

Sample course structure: Bachelor of Science (Health) with majors in Health and Human Movement

| Year 1                                                                |
|---|---|
| Health Stream: Introduction to Health and Health Care                  |
| Health Stream: Society and Health                                      |
| Health Stream: Human Biology                                           |
| Health Stream: Psychology                                              |
| Human Movement Major: Functional Musculoskeletal Anatomy A and B       |
| Degree Core: Calculus 1 and 2                                          |
| Degree Core: Statistics                                                |
| Degree Core: Introduction to Linear Algebra                            |

| Year 2                                                                |
|---|---|
| Health Stream: Research Methods in Health                             |
| Health Stream: Innovations in eHealth                                 |
| Human Movement Major: Body Systems                                    |
| Human Movement Major: Neuroscience                                    |
| Human Movement Major: Fundamentals of Movement Science                |
| Elective: Human Development                                           |
| Open Learning Environment: Radiological Anatomy and Pathology of the Chest*|

| Year 3                                                                |
|---|---|
| Health Stream: eHealth for Chronic Disease and Wellness**             |
| Health Stream: Evidence Based Health Care**                           |
| Health Stream: Health in Indigenous Populations**                     |
| Health Stream: Alcohol and Drug Misuse Rehabilitation**              |
| Human Movement Major: Exercise Physiology                             |
| Human Movement Major: Motor Control and Learning                     |
| Human Movement Major: Biomechanics or Anatomical Analysis of Exercise**|
| Elective: Disability, Sport and Social Inclusion                     |

* Units are indicative only
**Additional Health Stream units are also available in Year 3.

Course details/key admission requirements

2017 ATAR: 80.0
IB: 28
UAC code: 513915
Duration: three years (full time)*
Assumed knowledge: Biology and Mathematics (for the Bachelor of Science (Health)), and Chemistry (for the Human Movement major).
The E12 scheme is available for this course.

*The Bachelor of Science/Bachelor of Advanced Studies (Health) requires four years of full-time study.

The Dalyell Scholars program is available for this course (see page 39 for details).
Your degree will give you access to eminent dietitians and scientists at the forefront of dietetic, nutrition and medical research and practice. Our teaching is research driven to ensure you gain exposure to the latest developments and advances in evidence-based dietetics, the science of nutrition, and community and public health nutrition.

In the Bachelor of Science, you will study biochemistry, molecular biology and human physiology, which are necessary prerequisites for accreditation by the Dietitians Association of Australia. You will also complete a major in nutrition science.

In the Master of Nutrition and Dietetics, your first year will consist of a series of lectures, tutorials and practical classes introducing you to nutritional science, clinical nutrition and dietetics, public health nutrition and more. In your second year, you will participate in hands-on clinical training, and complete a nutrition research project.

### Major studies

Nutrition Science. A minor or second major can also be taken from those available in the Bachelor of Science or from a shared pool of majors offered in areas across the University.

### Graduate opportunities

The Master of Nutrition and Dietetics is fully accredited by the Dietitians Association of Australia. You will graduate with a solid knowledge of nutritional science and the expertise to pursue a career as an accredited dietitian in a range of professional settings, in nutrition and nutritional research, and other health-related disciplines.


### Sample course structure: Bachelor of Science/Master of Nutrition and Dietetics

**Year 1**
- Chemistry
- Chemistry
- Human Biology
- Human Biology
- Mathematics
- Mathematics
- Minor/Major 2
- Minor/Major 2

**Year 2**
- Biochemistry and Molecular Biology
- Physiology
- Proteins in Cells
- Open Learning Environment
- Open Learning Environment
- Minor/Major 2
- Minor/Major 2

**Year 3**
- Food Science
- Metabolic Cybernetics
- Molecular Biochemistry
- Nutrition and Metabolism
- Minor/Major 2
- Minor/Major 2
- Elective/Major 2
- Elective/Major 2

**Year 4 (Master of Nutrition and Dietetics)**
- Community and Public Health Nutrition
- Dietary Intake and Nutrition Assessment
- Dietetics Professional Studies
- Food Science
- Food Service Management
- Methods in Nutrition Research
- Medical Nutrition
- Medical Nutrition

**Year 5**
- Dietetics Training Placement
- Nutrition Research Project

### Course details/key admission requirements

2017 ATAR: 97.0
IB: 39
UAC code: 513965
Duration: five years (full time)
Assumed knowledge: Mathematics, Chemistry, Biology

Note, this course is offered by the Faculty of Science.
Choose to combine a Master of Nursing with:

- a Bachelor of Arts, offering the opportunity to study subjects such as languages, economics, performance studies, social policy, government and international relations, Indigenous Australian studies and film studies.

- a Bachelor of Science, offering the opportunity to study subjects such as science, biology, chemistry, neuroscience, pharmacology, and psychology.

- a Bachelor of Science (Health), offering the opportunity to extend your knowledge of health and related topics by studying subjects such as anatomy and histology, health ethics and law, and rural health.

The Master of Nursing combines hands-on learning with more than 800 hours of clinical placements to develop a comprehensive understanding of professional nursing practice. You will understand the impact of nursing practice within local and global health contexts and across changing healthcare systems.

Developing skills for leadership in nursing, you will learn to understand the impact of your practice within local and global health contexts, across changing healthcare systems.

At Sydney Nursing School, we are committed to developing research and using it as a basis for clinical decision making, in turn improving patient experience and outcomes.

Joining students from varied undergraduate degrees, you will engage in debate in our vibrant learning environment.

Study over four years full time, or eight years part time, after which you will graduate with two qualifications. Teaching takes place in lectures, tutorials and simulation clinics and in clinical placements across Sydney, New South Wales or even further afield.

Graduate opportunities

Upon graduation, you will be eligible to apply for registration as a nurse with the Nursing and Midwifery Board of Australia and have a wide range of career choices in clinical and non-clinical settings.

- sydney.edu.au/nursing/study/combined

Course details/key admission requirements

2017 ATAR: 80.0
IB: 28
UAC code: 511913 (Bachelor of Arts/Master of Nursing), 511914 (Bachelor of Science/Master of Nursing), 513750 (Bachelor of Science (Health)/Master of Nursing)

Duration: four years (full time)/eight years (part time)

E12 scheme is available for this course.

The Dalyell Scholars program is available for this course (see page 39 for details).
The Double Degree Dentistry program gives you the opportunity to study science before undertaking dentistry.

When you graduate you will be eligible for registration with the Dental Board of Australia.

Designed for high school leavers who have achieved outstanding results, you will study a three-year undergraduate science degree, followed by the four-year Doctor of Dental Medicine. With a deep understanding of the scientific fundamentals that underpin dentistry, you will be well prepared for any career path you choose. This program is delivered by the faculties of Science and Dentistry.

The Doctor of Dental Medicine (DMD) offers you the opportunity to develop skills through practice-based learning and will expose you to new dental technologies and research. It will train you to draw on evidence to treat patients effectively and respond to the changing oral health needs of the community. You will have access to first-rate facilities, internationally acclaimed academics and early patient care.

**Graduate opportunities**

As a graduate of our DMD, you will be eligible for immediate registration with the Dental Board of Australia, which allows you to go straight into practice. If you are a Canadian student, you can undertake the examination of the National Examining Board of Canada, allowing registration and practice in your home country.

Our highly sought-after dentists take up opportunities in both private and public dental practice – hospitals, schools, departments of health and the defence forces. They also pursue further research and specialisation after gaining some professional experience.

**Course details/key admission requirements**

Entry to the Double Degree Dentistry program requires a very high ATAR (expected to be a minimum of 99.5 or equivalent).

In addition, you need to perform satisfactorily in an assessment process comprising a written assessment and a faculty discussion session.

For course entry from 2019, students also need to achieve Band 4 in the NSW Higher School Certificate (HSC) Mathematics (not General Mathematics) or similar result in equivalent interstate or IB subjects.

You will need to apply for the double degree dentistry course at the first opportunity after graduating from high school, regardless of when your results are available.

Domestic students need to apply through the Universities Admissions Centre (UAC). If you are an international applicant, please visit our website for details about how to apply.

**UAC code:** 513706
**Duration:** seven years (full time)
– sydney.edu.au/dentistry/dddp

The Dalyell Scholars program is available for this course (see page 39 for details).
Double Degree Medicine gives you the opportunity to study in the area of arts or science before undertaking medicine.

This pathway allows school leavers to commence a three-year undergraduate arts or science degree followed by the four-year Doctor of Medicine. With a deep understanding of the fundamentals that underpin the health profession, you will be well prepared for any career in medicine, from specialisation to research and teaching.

The double degrees we offer are:
- Bachelor of Arts/Doctor of Medicine
- Bachelor of Science/Doctor of Medicine.

Doctor of Medicine

The University of Sydney Doctor of Medicine (MD) is one of Australia’s premier medical programs and is ranked among the top 20 universities worldwide.*

We aim to provide our graduates with a strong foundation for their future in medicine, whether in clinical practice, research or public health.

You will be based in one of our excellent clinical schools for the duration of the course, with rotations to other specialist sites. From the beginning of year 1, you will spend at least one day each week in your allocated clinical school.

You will have opportunities to experience healthcare in different settings, including overseas. You will also have the option of spending up to a year in one of our highly acclaimed rural clinical schools.

Graduate opportunities

The MD has been fully accredited by the Australian Medical Council (AMC). As a consequence, our graduates are eligible for provisional registration as interns in any Australian state or territory, and in New Zealand.

What sets our graduates apart is their analytic and problem-solving skills, commitment to pursuing new knowledge in an ever-changing world, and compassionate understanding of human diversity in the communities they serve.

Places

Each year, we offer up to 30 domestic and 10 international places for Double Degree Medicine.

If you are an Aboriginal or Torres Strait Islander applicant, please contact Associate Professor Lilon Bandler, Associate Dean (Indigenous) to discuss your application: lilon.bandler@sydney.edu.au

Admission requirements

Entry to the Double Degree Medicine program requires a very high ATAR (expected to be 99.95 or equivalent for domestic students).

In addition, you need to perform satisfactorily in an assessment process comprising a written assessment and a faculty discussion session.

For course entry from 2019, students also need to achieve Band 4 in the NSW Higher School Certificate (HSC) Mathematics (not General Mathematics) or a similar result in equivalent interstate or IB subjects.

Applicants are only eligible for admission to the first available course intake following receipt of their final results. Applicants are ineligible for admission to the course in subsequent years.

To progress into the MD, you need to complete your initial bachelor’s degree within three years (or four years with honours or a combined Bachelor of Advanced Studies), excluding any authorised periods of suspension, while maintaining a credit average in each of the first three years of the degree.

UAC code: 513715 ( Bachelor of Arts/Doctor of Medicine),
513720 ( Bachelor of Science/Doctor of Medicine)

Duration: seven years (full time)
- sydney.edu.au/medicine/ddmp

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To progress into the MD, you need to complete your initial bachelor’s degree within three years (or four years with honours or a combined Bachelor of Advanced Studies), excluding any authorised periods of suspension, while maintaining a credit average in each of the first three years of the degree.

UAC code: 513715 ( Bachelor of Arts/Doctor of Medicine),
513720 ( Bachelor of Science/Doctor of Medicine)

Duration: seven years (full time)
- sydney.edu.au/medicine/ddmp

The Dalyell Scholars program is available for this course (see page 39 for details).
INTRODUCING THE COMBINED BACHELOR OF ADVANCED STUDIES

Taken in combination with a three-year degree, the new Bachelor of Advanced Studies supercharges your undergraduate experience at Sydney.

You will have the opportunity to:
- design your own degree by combining studies from a range of disciplines
- build on your expertise with advanced coursework and project work
- complete a second major.

This new combined degree focuses on disciplinary depth and cross-disciplinary problem-solving for real-world industry, community and research challenges. It will give you access to advanced modules, entrepreneurship and leadership skills, broaden your opportunities and prepare you for future success.

- sydney.edu.au/bachelor-advanced-studies

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<tr>
<th>Bachelor's degree</th>
<th>Degree</th>
<th>Combined Bachelor of Advanced Studies</th>
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<tr>
<td>3 years</td>
<td>Duration</td>
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<td>Components</td>
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<td>• Major</td>
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<td>• Minor (or second major)</td>
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<td>• Open Learning Environment</td>
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<td>• Exchange (available)</td>
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<td>• Substantial project</td>
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<td>• Honours (available)</td>
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For studies in Arts, Commerce, Design Computing, Economics, Science and Visual Arts
Exclusive to high-achieving students with an ATAR (or equivalent) of 98+, the Dalyell Scholars program is an opportunity to challenge yourself alongside your most promising and talented peers.

The program enables you to draw on the rich interdisciplinary depth and breadth on offer at the University, cultivating the leadership and professional expertise to join the ranks of our distinguished global alumni.

The Dalyell Scholars program allows you to collaborate and network with like-minded world influencers.

In addition to completing distinctive Dalyell units of study with other high achievers, you will have access to enrichment opportunities including:

- acceleration to master’s level study
- access to specialised Language (Arts) and Mathematical Sciences (Science) programs
- exclusive research and entrepreneurship programs
- direct access to industry-based project learning
- tailored mentoring and professional skills development to enhance your study and career opportunities
- international experiences to develop your global perspective, including a global mobility scholarship.

The following courses in dentistry, health, medicine and nursing are available to study through the Dalyell Scholars program. Visit the website for a full list of the courses available.

- Bachelor of Arts/Doctor of Medicine
- Bachelor of Arts/Master of Nursing
- Bachelor of Science/Doctor of Dental Medicine
- Bachelor of Science/Doctor of Medicine
- Bachelor of Science/Master of Nursing
- Bachelor of Science (Health)
- Bachelor of Science (Health)/Master of Nursing

- sydney.edu.au/dalyell-scholars

Who was Elsie Jean Dalyell?

A highly distinguished University of Sydney medical graduate, Elsie Jean Dalyell OBE (1881-1948) was the first full-time female academic in our Faculty of Medicine. After travelling to London on a University scholarship and serving in World War I, she conducted pioneering work into childhood diseases with a medical team in Vienna, Austria. Her academic excellence and commitment to creating her own path are hallmarks of our Dalyell Scholars program.

Image: Elsie Jean Dalyell. Courtesy of State Records NSW: New South Wales Medical Board; NRS 9875, Photographs of doctors, 1888-1927. (Digital ID 9875_a025_a025000062) Elsie Jean Dalyell, no date
HOW TO APPLY
INFORMATION FOR DOMESTIC STUDENTS*

1. Choose your course
Visit – sydney.edu.au/courses

2. Check the entry requirements of the course
Admission to the University of Sydney is highly competitive.

You need to meet specific academic requirements before we can make an unconditional offer of admission.

For most undergraduate courses, entry is based on your ATAR (Australian Tertiary Admission Rank) or equivalent.

For some courses, including medicine, dentistry and oral health, there may be additional selection criteria, such as an interview, portfolio or performance.

For details, visit our website:
- sydney.edu.au/ug-entry

Prerequisites, assumed knowledge and bridging courses
Some courses have prerequisites. The University is introducing mathematics course prerequisites for some courses from 2019 to help students thrive in their science, technology, engineering and mathematics-related degrees and prepare them to tackle future career challenges. For more information visit:
- sydney.edu.au/study/maths

3. Explore your entry options
If you’re not sure you’ll reach the ATAR cut-off for your preferred course, you may be eligible to apply to the University through an alternative entry pathway. For more information, visit:
- sydney.edu.au/alternative-pathways

4. Submit your application to the Universities Admissions Centre (UAC) with the relevant documents
As a domestic student, you need to submit your application online through the Universities Admissions Centre website:
- www.uac.edu.au

Apply for scholarships
The University awards more than 500 scholarships to undergraduate students each year, based on academic, personal leadership and equity grounds.

Most scholarship applications are due by early October 2017, so you will apply for them around the same time you submit your university application to UAC.

Please note that deadlines and application requirements may differ depending on the scholarship.
- sydney.edu.au/scholarships

Visit us on Open Day
The best way to get a feel for the campus is to visit us on Open Day. Explore the campus, enjoy the atmosphere, and learn more about our courses and facilities by attending mini-lectures, activities and tours.

In 2017, Open Day takes place on Saturday 26 August.
- sydney.edu.au/open-day

* You are a domestic student if you are an Australian or New Zealand citizen (including dual citizens), or an Australian permanent resident or humanitarian visa holder.
How to apply

Information for international students

1. Choose your course
Visit – sydney.edu.au/courses

2. Check the entry requirements
Admission to the University of Sydney is highly competitive. You need to meet specific academic requirements before we can make an unconditional offer of admission.

For most undergraduate courses, entry is based on an ATAR (Australian Tertiary Admission Rank), IB (International Baccalaureate) or the equivalent from your country.

For some courses, including medicine, dentistry and oral health, there may be additional selection criteria, such as an interview, portfolio or performance.

For details, visit:
- sydney.edu.au/ug-int-entry

3. Submit your application
If you are completing:
- a current Australian Year 12 secondary school examination in or outside Australia; or
- a current International Baccalaureate (IB) diploma in Australia; or
- a current New Zealand Certificate of Educational Achievement (NCEA) Level 3 qualification

then you need to submit your application online through the Universities Admissions Centre (UAC) International website:
- www.uac.edu.au/international

In most cases you apply directly to the University. Go to sydney.edu.au/courses to search for your course, then click on the ‘Apply now’ button on the course page.

For important information for international students visit:
- sydney.edu.au/student-visas

English language requirements
If English is not your first language, you need to demonstrate that your English language skills meet the minimum level required for your chosen course. For undergraduate study, you can do this by fulfilling one of the following:
- Complete a recognised senior secondary (high school) qualification conducted in English such as an Australian Year 12 qualification, English subjects in secondary qualifications specified by the University or tertiary studies (at least one year of full-time university study) in English at a recognised institution.
- Complete an accepted English proficiency test with results that meet the minimum entry requirements for your course. English language test scores are valid for two years.

For more information, please visit:
- sydney.edu.au/ug-int-english

Prerequisites, assumed knowledge and bridging courses
Some courses have prerequisites. The University is introducing mathematics course prerequisites for some courses from 2019 to help students thrive in their science, technology, engineering and mathematics-related degrees and prepare them to tackle future career challenges. For more information visit:
- sydney.edu.au/study/maths

Some courses expect you to have a certain level of knowledge in areas such as mathematics, physics, biology and chemistry. If you have not studied these subjects in high school, we offer bridging courses to get you up to speed.
- sydney.edu.au/ug-bridging

* An international student is anyone who is not an Australian or New Zealand citizen (or dual citizen of Australia or New Zealand), permanent resident of Australia, or holder of an Australian humanitarian visa. To enrol at university, international students need to hold a visa that allows them to study in Australia.
One more thing to consider
Your journey to university is as unique as you are.

At the University of Sydney, you have the opportunity to develop your expertise and help make a positive and lasting contribution to society.

This guide provides the key information you need to apply for a degree in health.

The next step is up to you.

Keep up to date
@sydneyunihealth
@sydney_health
@syd_health

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

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