



Bachelor of Pre-Medicine, Science & Health



UNIVERSITY
OF WOLLONGONG
AUSTRALIA

Stands
for purpose



About UOW

New Sciences Teaching Facility

At UOW, we're proud to be among the best modern universities in the world. Throughout our 60-year history, we've built an international reputation for world-class research and exceptional teaching quality. In fact, employers have ranked our graduates as some of the most career-ready in the world for nine years in a row.

We're in the top 2 per cent of universities world-wide and we're aiming higher every day.

AUSTRALIA'S TOP-RATED UNI

- Highest number of star ratings in the 2016 Good Universities Guide
- Highest percentage in federal government's Quality Indicators for Learning and Teaching (QILT) 2015

WORLD'S TOP 20

- 17th best modern university in the world - QS Top 50 Under 50 Rankings 2015

JOB READY

- 5-stars for Getting a Full-time Job - 2016 Good Universities Guide
- 2015 Australian Financial Review Higher Education Award for Graduate Employability
- Top 1% of universities in the world - QS World University Rankings Graduate Employers Survey

A 5-STAR UNI

The 2016 Good Universities Guide awarded UOW the maximum 5-star rating in 6 categories:

- Staff Qualifications
- Teaching Quality
- Generic Skills
- Overall Satisfaction
- Student Retention
- Getting A Full Time Job



City of Wollongong

Degree information

The Bachelor of Pre-Medicine, Science and Health is a three-year undergraduate degree providing a solid foundation for high-achieving students wishing to pursue graduate medicine, dentistry, optometry, podiatry or veterinary studies. Depending on which area of study you choose, this course will also have a wide range of other postgraduate study or professional career options available in the physical and life sciences, allied health or health informatics.

Applicants from Indigenous and Rural backgrounds are strongly encouraged to apply.

DURATION:	3 years
ATAR:	95
UAC CODE	757500
CRICOS CODE	086246M
INTAKE	Only one intake in February each year
LOCATION	Wollongong Campus

Please note that students do not have to undertake the Undergraduate Medicine and Health Sciences Admissions Test (UMAT) for entry into the Bachelor of Pre-Medicine, Science and Health.

WHAT YOU STUDY

YEAR 1

In your first year you will study foundational anatomy, biology, chemistry, exercise physiology and effective communication in healthcare settings (see Course Structure in Table 1 below).

YEAR 2

In Year two, under the guidance of the course coordinator, you can tailor your interests by selecting one of the following specialisations:



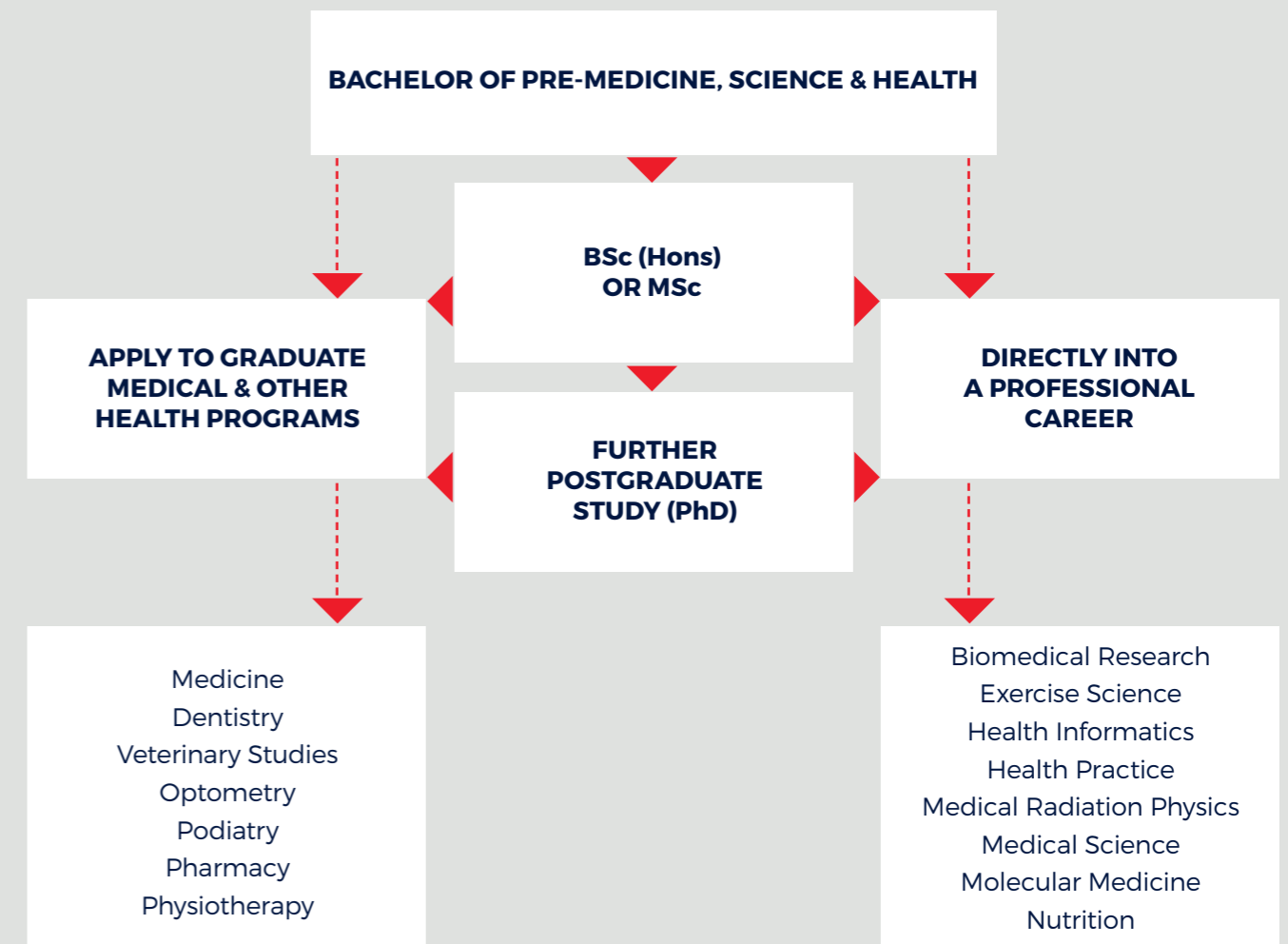
YEAR 3

In Year three, a case-based learning capstone subject examines case studies across six topics using the same case-based learning style as used in Graduate Medicine. The case studies are explored via scientific summaries, clinical trial critiques, media reporting, essays and debates.

TABLE 1. COURSE STRUCTURE

	YEAR 1	YEAR 2	YEAR 3
SESSION 1	1 Growth, Nutrition & Exercise	Biochemistry	Molecular Cell Biology
	2 Chemistry 1A	Organic Chemistry	Pharmacology
	3 Anatomy & Physiology 1	Mechanisms Physiology	Elective
	4 Effective Communication in Healthcare Settings	Elective	Integrated Science in Medicine (capstone subject)
SESSION 2	5 Molecules, Cells & Organisms	Metabolism	Biochemistry
	6 Chemistry 1B	Introductory Genetics	Infection & Immunity
	7 Anatomy & Physiology 11	Cultural Competence	Elective
	8 Foundations for GAMSAT	Elective	Elective

Pre-Medicine, Science & Health Pathways



FOUNDATIONS FOR GAMSAT

Unique to the Pre-Med course is a Foundations for Graduate Australian Medical School Admissions Test (GAMSAT) subject in the first year. It provides an excellent understanding of, and foundation for, the GAMSAT exam which is required for entry to many medical schools, including UOW.

The Foundations for GAMSAT subject is completed at the end of Year 1 of the course allowing you to undertake the exam in Year 2, and again in Year 3 should you wish to. This will ensure that you can maximise your chances of being ready to apply to Graduate Medical School on completion of your undergraduate studies.

PORTFOLIO DEVELOPMENT

Submitting a professional portfolio detailing your extracurricular activities outside of the classroom is a vital step in your application to Graduate Medical School.

It demonstrates your leadership, dedication and cooperation. From your first year in the Bachelor of Pre-Medicine, Science and Health you will have opportunities to participate in a wide range of volunteer and enrichment activities in the community. These will assist you in developing real world skills and a readiness for a career in health and medicine.

How to apply

Applicants from Indigenous and rural backgrounds are strongly encouraged to apply.



Indigenous Students – UOW Alternative Admissions Program

The Alternative Admissions Program (AAP), administered by Woolyungah offers an alternative pathway for Indigenous Australians seeking entry into the Bachelor of Pre-Medicine, Science and Health. Aboriginal or Torres Strait Islander people over the age of 17 are encouraged to apply. uow.edu.au/wic/altadmissions

Year 12 Students

APPLY VIA UOW EARLY ADMISSION PROGRAM uow.edu.au/future/early-admission

- **Applications open in August**
Current Year 12 students can **apply directly** to UOW via the Early Admission program. Applications open in August and interviews for successful candidates are held in September. Telephone interviews are available for students who reside interstate or a significant distance from Wollongong. Guaranteed offers to the Bachelor of Pre-Medicine, Science and Health are made in October to successful candidates.

APPLY VIA THE UNIVERSITIES ADMISSIONS CENTRE (UAC) FOR THE UAC MAIN ROUND uac.edu.au

- **Applications open in September**
The Universities Admissions Centre (UAC) processes applications for admission to most undergraduate courses at participating institutions mainly located in NSW and the ACT. Year 12 students from all states and territories can apply for the Bachelor of Pre-Medicine, Science and Health via UAC.

BONUS POINTS

Current Year 12 students can be awarded Bonus Points for the Bachelor of Pre-Medicine, Science and Health in the categories shown below. Bonus Points are calculated and administered by UAC on behalf of most NSW and ACT tertiary institutions.

LOCAL AND REGIONAL BONUS POINTS

If you live in the UOW 'drawing area', or in regional NSW, you may be eligible for 3 Local & Regional Bonus Points. uow.edu.au/future/pointstouow/UOW057803

POINTS TO UOW

With Points to UOW, you can also earn up to a maximum of 3 ATAR points by excelling in relevant Year 12 subjects. If you complete your HSC in the year prior to university admission, receive an ATAR and do well in relevant subjects – you're eligible. The list of subjects that qualify for bonus points is Biology, Chemistry, Earth and Environmental Science, Geography, Mathematics, Mathematics Ext 1, Mathematics Ext 2 and Physics. uow.edu.au/future/pointstouow/index.html#pointstouow.

RURAL AND REMOTE STUDENTS

Students who have a permanent residential address in a rural or remote area as defined by the postcode will receive an additional 5 bonus points. The list of rural and remote postcodes are those deemed RA4 or RA5 by the Australian Standard Geographical Classification – Remoteness Area (ASGC-RA). doctorconnect.gov.au/internet/otd/publishing.nsf/Content/locator

EDUCATIONAL ACCESS SCHEME (EAS)

It is also possible for students who have experienced long term disadvantage to receive bonus points. Most of UAC's participating institutions have Educational Access Schemes (EAS) to help students who have experienced long-term educational disadvantage gain admission to tertiary study. To be eligible for EAS consideration your educational performance must have been seriously affected, normally for a period of at least six months during Year 11 and/or 12 or equivalent, due to circumstances beyond your control. You can read about the seven broad categories of long-term educational disadvantage in the EAS FAQ at uac.edu.au/eas/faq.shtml

Mature Age Students

NON-YEAR 12 STUDENTS

- Students who have completed Year 12 studies more than a year previously;
- Students currently studying at a tertiary institution other than UOW;
- University graduates.

APPLY VIA UNIVERSITIES ADMISSIONS CENTRE (UAC)

uac.edu.au

- **Applications open in September**
The Universities Admissions Centre (UAC) processes applications for admission to most undergraduate courses at participating institutions mainly located in NSW and the ACT. Non-Year 12 students from a diverse range of backgrounds are eligible to apply to the Bachelor of Pre-Medicine, Science and Health via UAC.

International Students

OFFSHORE INTERNATIONAL STUDENTS

- uow.edu.au/apply
- **Apply at any time**
International applicants seeking more information can contact the Faculty of Science, Medicine and Health International Unit at smah-international@uow.edu.au

UOW SCHOLARSHIPS

A UOW scholarship lets you focus on your study and helps you reach your goals. Students can hold one or more of our 200+ scholarships at one time and you can apply for most UOW scholarships using one application form.

1. Discover all the scholarships and their closing dates at uow.edu.au/about/scholarships
2. Complete your application and provide details of your exam results at uow.edu.au/about/scholarships/ug
3. If your application is successful, you will be notified by mail from December each year.

Some UOW faculties or sponsors will call for interviews, while some scholarships will be awarded based on the application. The UOW Scholarships and Grants Office will contact you if you're required for an interview. Note that you cannot defer a UOW Scholarship. For information on applying for equity scholarships, visit uac.edu.au/equity

ACCOMMODATION

Accommodation applications are accepted online throughout the year and we do not have a closing date. However, due to the very high demand for places at UOW Living, it is recommended that you apply as soon as possible.

UOW offers an accommodation guarantee to all first-year students. There are a number of conditions such as studying fulltime and applying by 31 October. Visit uow.edu.au/about/accommodation for more details.

If you have questions please contact UOW Living on 02 4221 5467 or check the FAQs at uow.edu.au/about/accommodation/faq.

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Fortnightly, we have a tutorial run specifically for Pre-medicine students. This is a great opportunity to engage with academics and enhance our knowledge of rural and Indigenous health as well as career opportunities. Labs and tutorials allow us to gain first hand experience, which is a crucial component in the real world and is not possible using a traditional textbook approach.”

Ida Bokar
Pre-Medicine, Science & Health student

“



Pre-medicine provides the perfect pathway for any student who is considering a career in not only medicine, but any allied health profession. Through being able to major in your second year, you can tailor the degree to your interests and can explore your talents.”

Joshua Mathew
Pre-Medicine, Science & Health student



Application to UOW's Graduate School of Medicine

MD ENTRY REQUIREMENTS

The University of Wollongong Graduate School of Medicine (GSM) offers a Doctor of Medicine (MD) degree. It is an accredited, four-year graduate entry program designed and based on the best educational evidence from medical schools worldwide. Entry to the degree requires:

- A completed recognised undergraduate Bachelor degree in any field
- Minimum weighted GPA of 5.0 on a 7-point scale or 2.8 on a 4-point scale
- GAMSAT exam with minimum 50 in all sections (or MCAT equivalent)
- Competitive UOW GSM Admission portfolio demonstrating personal attributes
- Strong performance at a structured Admissions interview

Full details on MD entry requirements are available at smah.uow.edu.au/medicine/future/md.



OTHER PRE-MED CAREER OPTIONS FROM STUDY AREAS

BIOMEDICAL RESEARCH	Biomedical research; biotechnology & pharmaceutical industry; Government positions
EXERCISE SCIENCE	Exercise scientist; exercise research; exercise physiology*; exercise rehabilitation*; education; fitness industry
HEALTH INFORMATICS	IT health informatics; health information manager; health informatics administrator; health informatics educator
HEALTH PRACTICE	Public health; Government positions in health promotion and health economics; public policy; Indigenous health; allied health
MEDICAL RADIATION PHYSICS	Medical physics; radiation oncology*; radiation safety; consultant; medical research; education
MEDICAL SCIENCE	Medical research; biotechnology industry; Government laboratories; allied health; consulting
MOLECULAR MEDICINE	Chemist; medicinal chemist; pharmaceutical industry; biotechnology industry; Government laboratories
NUTRITION	Nutrition & dietetics research; public health nutrition; food and nutrition management; business & industry; media; clinical dietetics*; education

* Some career pathways require further postgraduate study

Guaranteed Admissions Interview to Medicine for top performing Pre-Med students

On completion of the Bachelor of Pre-Medicine, Science and Health, the top 12 performing domestic students and the top 12 performing international students who meet the minimum admission criteria for the Doctor of Medicine (MD) program at UOW will be guaranteed a UOW GSM Admissions interview.



UOW OPEN DAY SATURDAY 13 AUGUST

Spend the day on campus and hear about our world class programs, explore our facilities, and see why UOW is the best choice for your tertiary study. Register now at www.uow.edu.au/openday

FREE CAMPUS TOURS

Our free, hour-long tours are conducted by current UOW students, and run at 10.30am and 2.30pm every Friday throughout the year (excluding public holidays).

Phone UOW Future Students to make a reservation or book online at www.uow.edu.au/future/visit

LEARN MORE

**IF YOU HAVE ANY QUESTIONS ABOUT THE INFORMATION
IN THIS BROCHURE, WE'RE HERE TO HELP.**

smah.uow.edu.au/pre-med

Call: 1300 367 869

pre-med@uow.edu.au



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