HEALTH & BEHAVIOURAL SCIENCES

UOW health and Behavioural science degrees are recognised internationally and our health professionals are highly regarded. Courses prepare students with in-depth background knowledge, along with critical, creative and logical thinking skills. Combined with practical skills in written and spoken communication, these programs will prepare you to succeed in a rapidly changing health environment.

Health Sciences involve the study of the determinants of health and disease as well as related human biology. Behavioural Sciences examine human behaviour and the factors that can influence it, including those related to health.

Clinical practice is an important feature of the Faculty's professional programs. Through the University's strong collaboration with local governments and private health organisations, you will undertake work-related experience in local hospitals and clinics. Nursing students complete a clinical experience program in each session of study in general and specialist hospitals in Wollongong and southeast Sydney. The Faculty's four-year specialist degrees emphasise these clinical skills and prepare you for a career as an accredited professional. Three-year degrees provide knowledge in a relevant field for a career in the health industry.

Courses are underpinned by research facilities in the areas of human metabolism, exercise and psychophysiology, biomechanics, cognition and perception, and personality and social psychology. Research is organised within centres of excellence including brain and behaviour research, exercise science, rehabilitation, mental health, smart foods and metabolic research.

PROFESSIONAL RECOGNITION

The Faculty offers a range of courses that meet the requirements for registration as a professional practitioner in exercise science, nutrition, dietetics and psychology. In general, the relevant professional organisations in these areas require a minimum of four years of academic study, in combination with practical or work experience. The Faculty's four-year professional degrees have been accredited by their relevant professional organisations. Subject to academic performance, you may be able to transfer from a three-year degree to the related four-year professional degree, or enrol in an accredited postgraduate degree.

Associate Membership of some professional Associations may be available.

GRADUATE DESTINATIONS

- Biomedical Researcher
- Community Nurse
- Counsellor
- Dietitian
- Exercise Scientist
- Food Industry Worker
- Health Promotion Officer
- Health Administrator
- Human Resources Officer
- Hospital Nurse
- Industry Health Worker
- Nursing Home Worker
- Nutritionist
- Program Director and Resource Manager in Sport, Recreation, Fitness and Tourism Industries
- Psychologist
- Registered Nurse
- Rehabilitation Specialist
- Researcher
- Sport and Recreation Health Worker
- Sports Scientist

Full details of courses offered can be found at: www.uow.edu.au/handbook/current
<table>
<thead>
<tr>
<th>DEGREE</th>
<th>APPROX. UAI</th>
<th>FULL TIME DURATION</th>
<th>ASSUMED KNOWLEDGE</th>
<th>RECOMMENDED STUDIES/ADDITIONAL REQUIREMENTS</th>
<th>LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Medical and Health Sciences*</td>
<td>—</td>
<td>3 years</td>
<td>Any 2 units of English plus at least 4 units of Science and/or Mathematics, Personal Development Health &amp; Physical Education may be counted as a science unit</td>
<td>Wollongong</td>
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<tr>
<td>Bachelor of Nursing</td>
<td>72</td>
<td>3 years</td>
<td>Any 2 units of Science</td>
<td>Wollongong, Bega, Shoalhaven</td>
<td></td>
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<tr>
<td>Bachelor of Health Science in Indigenous Health Studies</td>
<td>72</td>
<td>3 years</td>
<td></td>
<td>Wollongong</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Exercise Science and Rehabilitation</td>
<td>94</td>
<td>4 years</td>
<td>Any 2 units of English plus at least 4 units of Science and/or Mathematics, Personal Development Health &amp; Physical Education may be counted as a science unit</td>
<td>Wollongong</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Science (Exercise Science)</td>
<td>85</td>
<td>3 years</td>
<td>Any 2 units of English plus at least 4 units of Science and/or Personal Development Health &amp; Physical Education and/or Mathematics.</td>
<td>Wollongong</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Science (Exercise Science &amp; Nutrition)</td>
<td>91</td>
<td>3 years</td>
<td>Any 2 units of English plus at least 4 units of Science and/or Personal Development Health &amp; Physical Education and/or Mathematics.</td>
<td>Wollongong</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Nutrition &amp; Dietetics</td>
<td>95</td>
<td>4 years</td>
<td>Any 2 units of English plus at least 4 units of Science and/or Mathematics</td>
<td>Wollongong</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Science (Nutrition)</td>
<td>83</td>
<td>3 years</td>
<td>Any 2 units of English plus at least 4 units of Science and/or Mathematics</td>
<td>Wollongong</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Public Health*</td>
<td>83</td>
<td>3 years</td>
<td>Any 2 units of English</td>
<td>English Advanced</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Psychology</td>
<td>90</td>
<td>4 years</td>
<td>Any 2 units of English</td>
<td>English Advanced</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Science (Psychology)</td>
<td>80</td>
<td>3 years</td>
<td>Any 2 units of English</td>
<td>English Advanced</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Arts (Psychology)</td>
<td>80</td>
<td>3 years</td>
<td>Any 2 units of English</td>
<td>English Advanced</td>
<td>Wollongong</td>
</tr>
<tr>
<td>Bachelor of Science (Psychology &amp; Exercise Science)</td>
<td>85</td>
<td>3 years</td>
<td>English Advanced plus at least 4 units of Science and/or Personal Development Health &amp; Physical Education and/or Mathematics.</td>
<td>Wollongong</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Science (Psychology &amp; Nutrition)</td>
<td>83</td>
<td>3 years</td>
<td>English Advanced plus at least 4 units of Science and/or Mathematics</td>
<td>Wollongong</td>
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NB: UAI s to be used as a guide only and are based on the previous year's demand

* Subject to approval
MEDICAL SCIENCE
Bachelor of Medical and Health Sciences* 
This new degree is a flexible, rigorous course of study designed for students who have a passion to understand the scientific basis of human structure, function and health. The first year is built upon core subjects, which provide a foundation in human anatomy and physiology, together with units in fundamental sciences such as chemistry and biology, as well as behavioural sciences, such as psychology.

As the degree progresses, there are increasing opportunities for students to customise their program of study. Students can focus on a wide range of biomedial and behavioural subjects, or options as indigenous health, the human environment, and technology and culture. This diversity and flexibility makes the Bachelor of Medical & Health Sciences an ideal qualification for a wide range of careers or further study in the medical and health sciences.

The degree also encourages students to develop their skills and passion for research, with options to gain hands-on experience in the diverse range of research laboratories located within the School of Health Sciences. A Bachelor of Medical and Health Sciences Advanced* degree will be available to high-achieving students, who can undertake an accelerated version of the standard degree, allowing increased opportunities for research.

Students will also have the opportunity to engage with rural communities on issues relevant to their studies, in line with the University’s woolongah’s commitment to rural and regional Australia.

FURTHER STUDY
- Graduate Diploma in Education
- Graduate Diploma in Science (Biomedical Science)
- Master of Science – Research
- Doctor of Philosophy (PhD)

* subject to approval

NURSING
Bachelor of Nursing
This three-year full-time degree is designed to prepare students for professional nursing practice. The degree emphasises independent study and inquiry, and is structured for planned and consistent integration of theory with practical experience. The first year of the degree provides an introduction to professional nursing practice with an emphasis on gerontology. Second year examines medical and surgical nursing, mental health nursing, and maternity nursing. In third year, students will examine issues related to mental health, developmental disability, palliation and rehabilitation, and high dependency nursing.

CLINICAL EXPERIENCE
Clinical experience will be undertaken in general and specialist hospitals in the Illawarra, south-eastern regions of Sydney and rural areas, as well as in a variety of community and industrial settings. Clinical placements, consisting of eight-hour blocks on weekday morning and afternoon shifts, allow students to maximise clinical learning. Clinical experience is a compulsory component of the degree and is undertaken each semester. For clinical practicums beginning in the first semester, a uniform (approx. cost $100) will be required.

PROFESSIONAL RECOGNITION
Graduates are eligible to register with the Nurses and Midwives Board of NSW. Registration in other states is assessed individually. Graduates may also gain registration in a number of other countries.

FURTHER STUDY
- Graduate Certificate in Nursing
- Master of Science (Midwifery)
- Master of Midwifery – Research
- Master of Nursing
- Master of Nursing – Research
- Doctor of Philosophy (PhD)

BACHELOR OF MEDICAL AND RADIATION PHYSICS
For information about the Bachelor of Medical & Radiation Physics, please refer to the Faculty of Engineering section on page 62.

INDIGENOUS HEALTH
Bachelor of Health Science in Indigenous Health Studies
The Bachelor of Health Science in Indigenous Health Studies is a flexibly delivered degree open to both Indigenous and non-Indigenous students. It provides students interested in the health of Aboriginal and Torres Strait Islander people with the knowledge and skills to effectively address Aboriginal community health issues.

The course covers areas including community health, community development, cultural issues, comparative Indigenous health issues and Indigenous health research; which are complemented with study in Aboriginal Studies, Population Health, Psychology, Sociology, Education and other related areas.

Job opportunities include working in the community sector, in Aboriginal Medical Services or with State or Federal health agencies. Graduates may be interested in working in a rural or remote community, or in community development, health promotion, planning or policy. Many of our students are already employed well before the completion of the degree. Assistance is given to Indigenous students via Commonwealth funded ‘away from base allowances’ and the Woolyungah Indigenous Centre will assist students by providing tutors, access to support staff and resources, and helping individual students find their best method of study.

FURTHER STUDY
- Graduate Diploma in Education (Primary)

EXERCISE SCIENCE
Bachelor of Science (Exercise Science)
This degree provides a general introduction to the area of exercise science through the study of anatomy, physiology, exercise physiology, exercise prescription and biomechanics. Students develop a basic understanding of the anatomical and physiological basis of human motion and the effect of exercise, injury and disease on human performance in sport, industry and in daily living. Graduates are trained to utilise exercise as a method of maintaining individual health and fitness.

DOUBLE MAJORS
Double majors may include:
- Exercise Science and Nutrition
- Exercise Science and Management
- Exercise Science and Human Resource Management
- Exercise Science and Psychology

FURTHER STUDY
- Bachelor of Science (Honours)
- Graduate Diploma in Science (Exercise Rehabilitation)
- Graduate Diploma in Education
- Master of Science (Exercise Rehabilitation)
- Master of Science (Nutrition/Dietetics and Exercise Rehabilitation)
- Master of Science – Research
- Doctor of Philosophy (PhD)

Bachelor of Exercise Science & Rehabilitation
This degree expands on the three-year program above, building an emphasis on professional development and clinical skills through practical placement in the fourth year. The Bachelor of Exercise Science & Rehabilitation is designed for those wishing to become professional Exercise Rehabilitation Physiologists or Sports Scientists.

FURTHER STUDY
- Master of Science (Nutrition/Dietetics and Exercise Rehabilitation)
- Master of Science – Research
- Doctor of Philosophy

PROFESSIONAL RECOGNITION
Graduates of the three-year program may become members of the Australian Association for Exercise and Sports Science (AAESS) and achieve professional accreditation with further work experience. The four-year program is the only degree in Australia where graduates may be eligible to become fully accredited members of the AAESS without having to complete further work experience.

Bachelor of Science (Exercise Science and Nutrition)
This degree provides a general introduction to the area of exercise and nutrition science through the study of anatomy, physiology, exercise physiology, exercise prescription, biochemistry and nutrition science. Students gain an understanding of the anatomical and physiological basis of human motion and the effect of exercise, injury and disease on human performance in sport, industry and in daily living. In addition, students study nutrition science and its application to community health. This degree represents the first three years of a five-year integrated
I had three main reasons for coming here: the campus, the people and the degree. UOW campus is unlike any of the others I toured after I finished my HSC. It stood out as beautiful, spacious and natural—somewhere I could see myself spending time even when I’m not in class.

The people here were so approachable, whether staff or students. I felt right at home on-campus.

My degree has direct articulation into professional accreditation without postgraduate studies, which other universities I’d considered did not offer.

I feel UOW is pointing me in the direction, since while allowing me to become an accredited exercise scientist, my degree also gives me a good grounding in science and anatomy. This would put me at an advantage if I wanted to pursue my other career goal of becoming an orthopaedic surgeon.
HANNAH MCGINNESS
Bachelor of Medical Science/Bachelor of Mathematics

I’d heard a lot of good things about the academic standard of UOW, and it was close to home and very accessible, so for me it was an easy choice to come here.

All my lecturers and tutors have been so helpful. I like that wherever you go, you can always see someone you know, and it’s easy to meet new people. The campus also has some very pretty places to meet with friends or study.

Once I graduate, I’m hoping to combine my interests of medicine and mathematics in some way. It’s great that UOW tends to focus on graduate outcomes, rather than getting you to just pass the required subjects and move on.
undergraduate and postgraduate program of study (with the Master of Science Nutrition/Dietetics & Exercise Science) and is designed to produce a combined Dietitian and Exercise Science practitioner who has professional accreditation from both the Dietitians Association of Australia (DAA) and the AAESS.

PROFESSIONAL RECOGNITION
Graduates may become full members of the AAESS although further study may be required to achieve professional accreditation. Graduates may become associate members of the Dietitians Association of Australia, but further study is required to become an Accredited Practising Dietitian.

FURTHER STUDY
- Bachelor of Science (Honours)
- Graduate Diploma in Science (Exercise Rehabilitation)
- Master of Science (Nutrition/Dietetics and Exercise Science)
- Master of Science – Research
- Doctor of Philosophy (PhD)
- Master of Science (Nutrition)

MEDICINE
Bachelor of Medicine & Bachelor of Surgery
The Bachelor of Medicine & Bachelor of Surgery (MBBS) at UOW is the program for students who wish to become medical doctors, and is delivered by the Graduate School of Medicine. The UOW MBBS provides a comprehensive education in medicine and is a firm foundation for further specialist training. The MBBS is a graduate program, which means that students must have already completed another Bachelor degree. The program aims to address Australia’s shortage of doctors working in regional, remote and rural areas, and students with ties to those areas are particularly encouraged to apply. Graduates of the UOW Bachelor of Health Sciences will be considered to have a tie to a regional area.

PREPARING FOR MEDICINE AT UOW
All applicants to the GSM must have completed an undergraduate degree. Science-based degrees are not a prerequisite; any undergraduate degree will meet the eligibility requirements to apply for the MBBS. However, skills in chemistry, physics or biology subjects will help students achieve the reasonable level of scientific understanding required for the Graduate Australian Medical School Admission Test (GAMSAT). Candidates for the MBBS will need to acquaint themselves with the detailed entry requirements well in advance of the year they wish to commence studies in medicine. This information can be found at www.uow.edu.au/gsm/future_students/admission

Applicants will be required to perform well in their chosen undergraduate area of study, so you should select a degree that matches your strengths and interests. First-year subjects in biology and chemistry as well as a variety of other topics in humanities and social, physical, or biological sciences will provide useful preparation for future medical studies. You should also ensure your degree will provide sufficient career opportunities as admission to graduate entry medical schools is highly competitive.

NUTRITION
Bachelor of Nutrition and Dietetics
This degree will qualify students as professional dietitian-nutritionists. It provides rigorous training in nutrition science and an introduction to professional practice. Core areas of study include biochemistry and physiology, food service and dietetics management, and nutrition and exercise. Areas of practice include clinical dietetics, community and public health nutrition, and food service systems management. These are supported by studies in professional communication and research skills as well as practical placements in the work environment.

PROFESSIONAL RECOGNITION
The Bachelor of Nutrition and Dietetics is accredited by the Dietitians Association of Australia, with graduates eligible to become Accredited Practising Dietitians.

FURTHER STUDY
- Management Studies
- Master of Science – Research
- Doctor of Philosophy (PhD)

Bachelor of Science (Nutrition)
This three-year degree provides a strong grounding in nutritional science, including topics such as nutrition and exercise, food chemistry, biochemistry and metabolism, as well as training in nutrition research. It prepares students for employment in nutrition promotion projects and for the continuation of studies in either nutrition research or professional training as a dietitian/nutritionist after completion of the Master of Science (Nutrition and Dietetics).

DOUBLE MAJORS
- Nutrition and Chemistry
- Nutrition and Exercise Science
- Nutrition and Psychology

PUBLIC HEALTH
Bachelor of Public Health
Public Health examines the factors that influence the health of populations and strategies for promoting good health. Students study contemporary population health issues, health policy, and nutrition and exercise; and gain the skills to obtain, review and analyse health information; to plan and manage a health project; and to assist in the development and evaluation of health promotion processes.

FURTHER STUDY
- Bachelor of Arts (Honours)
- Bachelor of Science (Honours)
- Graduate Certificate in Public Health
- Master of Public Health
- Bachelor of Public Health
- Doctor of Philosophy (PhD)

PSYCHOLOGY
Bachelor of Psychology
This four-year degree provides comprehensive training in the basic processes and human psychological functioning required for qualification as a professional psychologist. These include the biological and social bases of behaviour, cognition, learning, perception, social and organisational behaviour, personality, abnormality, and research and assessment tools.

PROFESSIONAL RECOGNITION
This degree has been accredited by the Australian Psychological Accreditation Council and approved by the NSW Psychologists Registration Board as a preliminary requirement for registration as a Psychologist.

FURTHER STUDY
- Master of Psychology (Clinical)
- Doctor of Psychology (Clinical)
- Doctor of Philosophy (PhD)

Bachelor of Arts (Psychology)
Bachelor of Science (Psychology)
Students may specialise in Psychology through the Bachelor of Science (Psychology) or the Bachelor of Arts (Psychology). These three-year degrees have been accredited by the Australian Psychological Accreditation Council and approved by the NSW Psychologists Registration Board as part-requirement for registration as a Psychologist. Registration will require at least one additional year of postgraduate study in Psychology.

The Psychology major covers topics such as developmental and social psychology; history and metatheory of psychology; theory, design and statistics; and psychophysiology. The Psychology major is the same in both degrees—the only difference is in the electives chosen:

The Bachelor of Science degree provides an opportunity to combine the study of Psychology with subjects including Exercise Science, Public Health, Nutrition, Biology, Geography and Management.

The Bachelor of Arts degree provides the opportunity to combine the study of Psychology with subjects such as Sociology; Science, Technology & Society; Languages; and Politics.

DOUBLE MAJORS
Double majors are available with Biology, Exercise Science, Nutrition and Population Health.

FURTHER STUDY
- Bachelor of Arts (Honours)
- Bachelor of Science (Honours)
- Postgraduate Diploma in Psychology
- Master of Science – Research
- Master of Psychology (Clinical)
- Doctor of Psychology (Clinical)
- Doctor of Philosophy (PhD)
PSYCHOLOGY AND EXERCISE SCIENCE
Bachelor of Science (Psychology and Exercise Science)
This degree provides the opportunity to broaden expertise, adding a relevant second major to the core focus in either Psychology or Exercise Science. Students may want to pursue further studies in the areas of Psychology, or choose to relate their knowledge of Psychology to further study in the area of Exercise Rehabilitation and the effect of exercise, injury and disease on human performance in sport, industry and in daily living.

PSYCHOLOGY AND NUTRITION
Bachelor of Science (Psychology and Nutrition)
This degree provides the opportunity to broaden expertise, adding a relevant second major to the core focus in either Psychology or Nutrition. Further studies may be pursued in the areas of Psychology and Health Psychology; and knowledge of Psychology may be related to further study in areas such as Dietetics, Nutrition and Health Promotion.

PROHIBITED PERSONS LEGISLATION
Health & Behavioural Sciences students must complete a Prohibited Employment Declaration before undertaking clinical placements as required by the Child Protection (Prohibited Employment) Act 1998.

NSW HEALTH EMPLOYMENT REQUIREMENTS
There is a criminal record check requirement for clinical and employment placement in the NSW health care system.

The NSW Department of Health requires all staff and students undertaking clinical placements in positions dealing with children, and patients vulnerable by reason of health status, to undergo a criminal record check prior to employment or placement in any capacity in the NSW health system. This check will be conducted by the NSW Police Service and will be coordinated by NSW Health. Please note that this information will be confidential and a positive result will not necessarily preclude further employment with the Department. This check may be required for each year of practical placement.

Students required to complete clinical training in the NSW health system are subject to guidelines regarding infectious diseases. Evidence of vaccination and/or immunity status may be required by certain clinical placements/agencies before attendance. These procedures will be further explained at enrolment. Students who require any further information should contact the Faculty.

GRADUATE PROFILE
BROOKE KELLY
Bachelor of Psychology – 2003
Psychologist, Australian Defence Force Recruiting
I am currently employed as a Defence-accredited Psychologist with Defence Force Recruiting and am responsible for the psychological assessment of candidates wishing to join the Army, Navy or Air Force. My role is to determine whether a person is psychologically robust enough and resilient enough to successfully cope with the specific demands of the ADF.

The reputation of UOW was the main determining factor for choosing UOW. The Psychology department of UOW is well respected in the Psychology world and the University's reputation of high student employment further cemented my decision.

The most valuable aspect of studying at UOW was that the lecturers had 'real life' experience, not only textbook knowledge. I have been lucky enough to attend a few different universities to date, and have found that at UOW, the balance between textbook knowledge, lecturers' personal experience and their research is second to none.

UNIVERSITY OF WOLLONGONG
www.uow.edu.au