

Faculty of Health & Behavioural Sciences

Member Units

Department of Biomedical Science

Department of Nursing

Department of Psychology

Graduate School of Public Health

Degrees Offered

Single Degrees

Bachelor of Arts

Bachelor of Exercise Science & Rehabilitation

Bachelor of Health Science in Indigenous Health Studies

Bachelor of Nutrition and Dietetics

Bachelor of Medical Science

Bachelor of Nursing

Bachelor of Psychology

Bachelor of Science

Double Degrees

Bachelor of Medical Science - Bachelor of Commerce

Bachelor of Psychology - Bachelor of Commerce

Bachelor of Science (Exercise Science) - Bachelor of Commerce

Bachelor of Science (Nutrition) - Bachelor of Commerce

Bachelor of Science (Psychology) - Bachelor of Commerce

Bachelor of Science - Bachelor of Laws (Health and Behavioural Sciences Major)

Bachelor of Medical Science - Bachelor of Laws

Degrees with TAFE NSW

Bachelor of Health Science in Indigenous Health Studies

(includes TAFE Advanced Diploma in Aboriginal and Torres Strait Islander Health)

Bachelor of Medical Science / TAFE Diploma of Laboratory Techniques (Pathology Testing)

Bachelor of Nutrition and Dietetics / TAFE Certificate IV in Hospitality (Catering Operations)

Bachelor of Science (Nutrition) / TAFE Certificate IV in Hospitality (Catering Operations)

Bachelor of Arts

Testamur Title of Degree:	Bachelor of Arts
Abbreviation:	BA
Home Faculty:	Health and Behavioural Sciences
Duration:	3 years full-time of part-time equivalent
Total Credit Points:	144
Delivery Mode:	Face-to-face
Starting Session(s):	Normally Autumn session
Standard Course Fee:	HECS (local); \$7950 AUD per session (international)
Location:	Wollongong
UOW Course Code:	708
UAC Code:	See information under each major
CRICOS Code:	012087M

Overview

Students enrol in the Bachelor of Arts in the Faculty of Health and Behavioural Sciences (Course Code 708) who wish to undertake a major or double major in either Population Health and/or Psychology. Students who choose the Bachelor of Arts would normally choose elective subjects outside their major from the humanities and social sciences. Students also may choose a second major from outside the Faculty.

Entry Requirements / Assumed Knowledge

Domestic School Leavers are assumed to have completed at least 2 units of English at HSC level. International students are required to have achieved an IELTS score of 6.0, with a level of 6.0 in reading and writing and at least 5.0 in speaking and listening. Alternative pathways exist for mature age domestic students.

Course Requirements

The Bachelor of Arts (Course Code 708) is comprised of 144 credit points of subjects listed in the subject schedule for a major in the Faculty of Health and Behavioural Sciences, plus additional elective subjects chosen from Health and Behavioural Sciences, Arts or the General Schedule. Subjects to a value of at least 90 credit points of subjects must be selected from the Health and Behavioural Sciences or the Arts schedules. Students may undertake no more than 60 credit points of 100-level subjects. Students should refer to the Award Rules for the Bachelor of Arts (Course Code 708) for further details.

Major Study Areas

Population Health
Psychology
Population Health and Psychology

Population Health (UAC Code 757649)

The Bachelor of Arts (Population Health) aims to train students in skills to obtain, review and analyse health information, to plan and manage a health project and to improve the health of populations. The program is designed to do two main things. Firstly, students will learn the basics of the health sector and develop an understanding of the problems involving health, illness, treatment and welfare. Secondly, useful skills are developed that can be used in a variety of jobs. Skills such as analysing information, researching with people, developing policy, project management and writing for a range of purposes, such as report writing and writing for the media. This means that when you graduate, there are many possibilities with regard to jobs, especially if you take population health in conjunction with another specialty area, such as psychology, economics or politics.

Major Study

The Population Health Major consists of 88 credit points of subjects, as outlined in the course structure below, together with other subjects which may be selected from the Health & Behavioural Sciences, Arts or General Schedules to make up the 144 credit points required for the degree.

Honours

The degree of Bachelor of Arts (Honours) in the Graduate School of Public Health is designed to provide supervised training in independent research. Candidates can be admitted with a Bachelor degree in a relevant discipline with research skill subjects and a credit average depending on the availability of supervision. The program will consist of 48 credit points of research leading to the submission of a thesis. Research should be in an area of research expertise of a member of the Graduate School of Public Health. Potential candidates should discuss their research interest with the coordinator of the program and present a research project title and general outline.

Once the supervisor has been approved the candidate will undertake an approved course program recommended by the School Head. The student is also required to pass an examination of the detailed research proposal before about one third of the research time has passed. The total duration of the honours year is no less than one year full-time and no more than 1.5 years full-time. Requirements are specified in the Honours Bachelor Degree Rules.

Course Program

Subjects		Session	Credit Points
100 level			
BMS103	Human Growth Nutrition and Exercise	Autumn	6
POP101	Population Health - current health issues and their determinants	Spring	6
STAT151	Introduction to the Concepts & Practice of Statistics	Spring	6
And either			
ABST150	Introduction to Aboriginal Australia	Autumn/Spring	6
Or			
POP103	Introduction to Health Behaviour Change	Spring	6
200 Level			
POP201	Contemporary Population Health Issues	Autumn	6
POP202	Promoting Healthy Lifestyles	Autumn	6
POP203	Health Policy	Spring	6
POP204	Epidemiology	Spring	6
300 Level			
POP301	Project and Program Design, Management and Evaluation	Not on offer 2004	8
POP302	Analysis and Interpretation of Evidence	Not on offer 2004	8
POP331*	Population Health Project A	Autumn/Spring/ Annual	24
* Students taking a joint major with another specialisation should take POP332 Population Health Project B, 8 credit points			
<i>Note - Students can include additional subjects in Population Health in their degree, including:</i>			
POP102	Sex, Drugs and Rock 'n' Roll: public health perspectives	Autumn	6
POP220	Mass Media and Population Health	Autumn	6
POP325	Aboriginal Health Issues	Autumn	8
POP221	Behaviour Change for Population Health	Spring	6

Other Information

Subjects to the value of at least 90 credit points must be selected from the Health and Behavioural Sciences or Arts Schedules. Subjects to the value of 144 credit points are required for the degree.

Psychology (UAC Code 753122)

Psychology is the scientific study of human behaviour and experience, the physiological, sensory and cognitive processes that underlie it, and the profession that applies this knowledge to practical problems. Psychologists help us to understand who we are and how we think, feel, act and change. They aim to help people function better, and to prevent ill-health and other problems developing. Psychologists' clients include children, adults, couples, families and organisations.

Entry Requirements / Assumed Knowledge

Applicants normally apply through the Universities Admission Centre (UAC). Higher School Certificate students automatically receive a guide and application information from UAC. For HSC students, admission is based on the University Admissions Index (UAI) calculated from HSC results. Do we need to mention Assumed Knowledge: At least two units of English? It is not possible to estimate the UAI cut-off in advance as marks fluctuate from year to year depending on the number and standard of applicants.

Alternative pathways exist for mature age domestic students.

Major Study

For the Major in Psychology, students complete 66 credit points of subjects, as outlined in the schedule below. If students wish to proceed to Honours in Psychology, additional requirements must be met, as noted in the Honours information below.

Honours

Honours in Psychology is a fourth year of study accredited by the Australian Psychological Society (APS). It is offered on a one year full-time or two year part-time basis. Psychology Honours is a route to the postgraduate coursework or research degrees in Psychology. It is also a partial qualification for registration as a psychologist with the Psychologist's Registration Board of New South Wales, a post-degree supervision period also being required.

Graduates of the University of Wollongong with a major in Psychology are eligible for admission to Psychology Honours provided that: they have completed an undergraduate degree curriculum with a major in psychology; they have completed PSYC348 History and Metatheory of Psychology and PSYC354 Design and Analysis (and thus any 200 level prerequisites for PSYC354); they have completed at least 76 credit points of Psychology subjects at 200- and 300- levels; they have at least a credit average for Psychology subjects at 200- and 300- levels.

Professional Recognition

To apply for registration as a professional psychologist with the Psychologists' Registration Board of NSW it is necessary to complete an accredited 4 year course of study plus 2 years' supervised practice. Accreditation with the Australian Psychological Society, the national professional association, requires 6 years of approved academic study.

Course Program

Subjects [by year]	Session	Credit Points
PSYC121 Foundations in Psychology A	Autumn	6
PSYC122 Foundations in Psychology B	Spring	6
PSYC123 Theory, Design and Statistics in Psychology	Spring	6
PSYC247 Statistics and Measurement 1	Autumn	6
PSYC231 Personality	Autumn	6
PSYC241 Developmental and Social Psychology	Spring	6
PSYC234 Biological Psychology and Learning	Autumn	6
PSYC236 Cognition and Perception	Spring	6
PSYC315 Psychology of Abnormality	Spring	8
<i>And two electives, of which there must be at least one of the following:</i>		
PSYC317 Current Issues in Learning and Judgement	Autumn	8
PSYC345 Memory and Language	Autumn	8
PSYC349 Visual Perception	Spring	8
PSYC352 Psychophysiology	Spring	8
<i>And may include</i>		
PSYC347 Assessment and Intervention	Autumn	8
PSYC350 Social Behaviour and Individual Differences	Autumn	8
PSYC318 Change Throughout the Lifespan	Spring	8
PSYC348 History and Metatheory of Psychology	Spring	8
PSYC354 Design and Analysis	Spring	8

Other Information

Subjects to the value of at least 90 credit points must be selected from the Health and Behavioural Sciences or Arts Schedules. Subjects to the value of 144 credit points are required for the degree.

Population Health and Psychology

The double major in Population Health and Psychology consists of a minimum of 144 credit points, which comprises all of the subjects in each of the individual majors. If students wish to undertake honours in Psychology at the end of the double major degree, additional subjects are required. Students should consult the information on Honours in the entry for the Psychology major.

The double major in Population Health and Psychology enables students to pursue two options for their career or further study. Students may progress to advanced level study such as honours or postgraduate courses in either field. In addition, the combination of majors will enable graduates to apply for jobs in specialist areas of population health, such as lifestyle counselling or conducting lifestyle management programs.

Course Program

Subjects	Session	Credit Points
100 level		
ABST150 Introduction to Aboriginal Australia	Autumn	6
BMS103 Human Growth, Nutrition and Exercise	Autumn	6
POP103 Introduction to Health Behaviour Change	Spring	6
PSYC121 Foundations of Psychology A	Autumn	6
POP101 Population Health - current health issues and their determinants	Spring	6
PSYC122 Foundations of Psychology B	Spring	6
PSYC123 Theory, Design and Statistics in Psychology	Spring	6

And one elective

200 level

POP201	Contemporary Population Health Issues	Autumn	6
PSYC231	Personality	Autumn	6
PSYC234	Biological Psychology and Learning	Autumn	6
PSYC247	Statistics and Measurement 1	Autumn	6
POP204	Epidemiology	Spring	6
POP221	Behaviour Change for Population Health	Spring	6
PSYC236	Cognition and Perception	Spring	6
PSYC241	Developmental and Social Psychology	Spring	6

Note: Psychology Honours also requires that PSYC248 Statistics and Measurement 2 be taken.

300 level

POP301	Project and Program Design, Management and Evaluation	Not on offer 2004	8
POP302	Analysis and Interpretation of evidence	Not on offer 2004	8
POP332	Population Health Project B	Not on offer 2004	8
PSYC315	Psychology of Abnormality	Spring	8

And 2 electives, including at least one from Group A

Group A

PSYC345	Memory and Language	Autumn	8
PSYC349	Visual Perception	Autumn	8
PSYC317	Current Issues in Learning and Judgement	Autumn	8
PSYC352	Psychophysiology	Spring	8

Group B

PSYC347	Assessment and Intervention	Autumn	8
PSYC350	Social Behaviour and Individual Differences	Autumn	8
PSYC318	Change Throughout the Life Span	Spring	8
PSYCH348	History and Metatheory of Psychology	Spring	8

Note: Students wishing to take Psychology Honours should consult the information on Honours listed under the single Major, Psychology, to ensure they complete the required subjects.

Bachelor of Exercise Science and Rehabilitation

Testamur Title of Degree:	Bachelor of Exercise Science and Rehabilitation
Abbreviation:	BExScRehab
Home Faculty:	Health and Behavioural Sciences
Duration:	4 years full-time
Total Credit Points:	192 cp
Delivery Mode:	Day
Starting Session(s):	Autumn
Standard Course Fee:	HECS (Local); International \$8350 per session
Location:	Wollongong
UOW Course Code:	851A
UAC Code:	757643
CRICOS Code:	016112E

Overview

The Bachelor of Exercise Science and Rehabilitation emphasises professional development and is designed to provide students with opportunities to gain clinical skills through work experience within the department's Exercise Science and Rehabilitation Centre and other clinical application placement programs operating within the community. Graduates are trained to utilise exercise as an intervention to maintain and improve health and fitness and rehabilitate after injury or disease.

Entry Requirements / Assumed Knowledge

Domestic school leavers are assumed to have completed any two units of English, plus four units of Science and/or Maths. International students are required to have achieved an IELTS score of 6, with a level of 6 in reading and writing, and 5 in speaking and listening.

NSW Health Employment Requirements: The NSW Health Department 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 before employment or placement in any capacity in the NSW health system. For further information, refer to the *Additional Information* section at the end of this chapter.

Advanced Standing

Undergraduate students wishing to transfer into the Bachelor of Exercise Science and Rehabilitation degree may apply upon completion of the first two years of the BSc (Exercise Science) or BSc (Exercise Science and Nutrition) degrees (or other approved degree programs). Selection is based on University results over that time.

Course Requirements

The Bachelor of Exercise Science & Rehabilitation degree is comprised of 178 credit points of core subjects with the balance (at least 14 credit points) to be taken as elective subjects from the Health and Behavioural Sciences or Science Schedules. Further, at least 88 credit points will be at 300 and/or 400-level, including at least 40 credit points at the 400-level.

Course Program

Subjects		Session	Credit Points
Year 1			
BMS101	Systemic Anatomy	Autumn	6
BMS103	Human Growth, Nutrition and Exercise	Autumn	6
CHEM101	Chemistry 1A: Introductory Physical & General Chemistry (or CHEM104)	Autumn	6
PSYC101	Introduction to Behavioural Science	Autumn	6
BMS112	Human Physiology: Principles and Systems	Spring	6
BIOL103	Molecules, Cells and Organisms	Spring	6
CHEM102	Chemistry 1B: Introductory Organic & Physical Chemistry (or CHEM105)	Spring	6
STAT151	Introduction to the Concepts and Practice of Statistics	Spring	6
Year 2			
BMS202	Human Physiology II: Control Mechanisms	Autumn	6
BMS211	Foundations of Biomechanics	Autumn	6
BIOL213	Principles of Biochemistry	Autumn	6
PSYC216	Psychology of Physical Activity	Autumn	6
BMS203	Musculoskeletal Functional Anatomy	Spring	6
BMS204	Introduction to Pathophysiology	Spring	6
BMS242	Exercise Physiology	Spring	6
	Plus a further 6 cp from:		
BIOL214	The Biochemistry of Energy and Metabolism	Spring	6
MGMT102	Business Communications	Autumn	6
POP101	Population Health - Current Health Issues and Their Determinants	Spring	6
POP220	Behaviour Change for Population Health	Autumn	6
Year 3			
BMS342	Advanced Exercise Physiology	Autumn	8
BMS344	Cardiorespiratory Physiology	Autumn	8
BEXS351	Exercise Prescription 1: Strength and Conditioning	Spring	8
BMS346	Motor Control and Dysfunction	Spring	8
BEXS352	Exercise Prescription 2: Aerobic Fitness	Autumn	8
	Plus a further subject from:		
BMS341	Clinical Biomechanics	Spring	8
	Or another approved subject		
Year 4			
BEXS411	Practicum in Exercise Science A	Annual	8
BEXS451	Exercise Rehabilitation 1: Musculoskeletal	Autumn	8
BEXS452	Exercise Rehabilitation 2: Cardiorespiratory and Neurological	Autumn	8
BMS303	Research Topics in Exercise Science	Spring	8
BEXS402	Exercise for Special Populations	Spring	8
BEXS412	Practicum in Exercise Science B	Spring	8

Honours

Students should refer to the Department for information about Honours.

Professional Recognition

Graduates may become members of the Australian Association for Exercise and Sport Science and achieve professional accreditation with further work experience.

Bachelor of Health Science in Indigenous Health Studies

Testamur Title of Degree:	Bachelor of Health Sciences in Indigenous Health Studies
Abbreviation:	BHlthScInd
Home Faculty:	Health & Behavioural Sciences
Duration:	3 years or part-time equivalent
Total Credit Points:	144 cp
Delivery Mode:	Flexible
Starting Session(s):	Autumn/Spring
Standard Course Fee:	HECS (domestic)
Location:	Wollongong
UOW Course Code:	786A
UAC Code:	756632
CRICOS Code:	Not applicable

Overview

The Bachelor of Health Science in Indigenous Health Studies is a flexibly delivered degree offered in partnership with the Illawarra Institute of Technology (TAFE NSW) Shellharbour campus. The course can also be done entirely through the University. The degree provides students with the knowledge and skills to effectively address Indigenous health issues. Areas covered include: community health, community development and cultural issues. Indigenous health workers graduate with professional accreditation, based on a competency-based program that is linked to the Aboriginal Health Worker award.

This course also complements study in related areas, for example Population Health or Psychology.

Entry Requirements / Assumed Knowledge

Domestic School leavers are recommended to have completed 2 units of Aboriginal Studies at HSC level. Alternative pathways exist for mature age domestic students. Even if you have not completed the current NSW HSC (or equivalent) in full, or you did not receive the required entry mark, you may still qualify for admission.

Course Requirements

During the program students complete the Advanced Diploma in Aboriginal and Torres Strait Islander Health offered by TAFE NSW, which is recognised for 72 credit points' of advanced standing towards the degree. This is followed by 1.5 years full-time study (or part time equivalent) in the Indigenous Health program at the University to complete a further 72 credit points of approved subjects.

This is a fully articulated program with multiple entry and exit points, and Recognised Prior Learning criteria. A significant placement component is included to provide practical as well as theoretical knowledge and skills in Aboriginal culture, health and community development.

The TAFE component of the course is offered in flexible delivery mode. Students completing the course will be concurrently enrolled at both the University of Wollongong and the Illawarra Institute of Technology. Students should be aware that the TAFE component of the program begins in February, earlier than normal session start.

Students should seek advice from an academic adviser at the University or at TAFE before enrolling in this program. Students wishing to undertake part-time study in the TAFE component must discuss this with the TAFE coordinator:

Ms Sandra Bolack
Head Teacher, Nursing Unit
The Illawarra Institute of Technology (TAFE NSW)
Shellharbour Campus
Phone: 4295 2289
Fax: 4295 2114
Email: Sandra.bolack@det.nsw.edu.au

or

Robyn Williams
Senior Lecturer Indigenous Health program
+61 2 4221 3576 or williams@uow.edu.au

Course Program

TAFE Advanced Diploma in Aboriginal and Torres Strait Islander Health

PLUS

Subjects		Session	Credit Points
NURS162	Effective Communication in Health Care Relationships	Autumn	6
ARTS211	Social Science Perspectives on Health and Illness	Autumn	6
NURS240	Current Services in Aboriginal Health	Not available 2004	6
NURS242	Functional Community Structures	Autumn	6
NURS243	Special Topic	Spring	6
NURS341	Special Topic	Not available 2004	8
NURS343	Indigenous Community Development: Theory and Practice	Spring	6
NURS344	Community Health: Theory, Research and Practice	Not available 2004	6
<i>Plus at least 12 credit points to be selected from:</i>			
ABST150	Introduction to Aboriginal Australia	Autumn/Spring	6
ABST200	Aboriginal History Since Invasion	Autumn	8
ABST300	Indigenous Theories of De-Colonisation	Spring	8
or other subjects approved by the Head of Department			

Professional Recognition

Completion of the TAFE Advanced Diploma is linked to the Aboriginal Health Worker Award.

Bachelor of Medical Science

Testamur Title of Degree:	Bachelor of Medical Science
Abbreviation:	BMedSc
Home Faculty:	Health and Behavioural Sciences
Duration:	3 years full-time
Total Credit Points:	144 cp
Delivery Mode:	Day
Starting Session(s):	Autumn
Standard Course Fee:	HECS (Local); International \$7,950 per session
Location:	Wollongong
UOW Course Code:	787
UAC Code:	757641
CRICOS Code:	036458B

Overview

The Bachelor of Medical Science degree provides an excellent first degree for students wishing to enrol in post-graduate studies in medicine, teaching or research. Students receive a thorough grounding in areas such as anatomy, physiology, neuroscience, biochemistry, chemistry and biology.

Entry Requirements / Assumed Knowledge

Domestic School Leavers are assumed to have completed any two units of English, plus four units of Science and/or Maths. International students are required to have achieved an IELTS score of 6, with a level of 6 in reading and writing, and 5 in speaking and listening.

Course Requirements

The Bachelor of Medical Science degree requires 3 years of full-time study and satisfactory completion of 144 credit points including at least 24 credit points at 300-level.

Course Program

Subjects		Session	Credit Points
Year 1			
BMS101	Systemic Anatomy	Autumn	6
CHEM101	Chemistry 1A: Introductory Physical & General Chemistry (or CHEM104)	Autumn	6
PSYC101	Introduction to Behavioural Science	Autumn	6
BMS103	Human Growth, Nutrition and Exercise	Autumn	6
BMS112	Human Physiology: Principles and Systems	Spring	6
BIOL103	Molecules, Cells and Organisms	Spring	6
CHEM102	Chemistry 1B: Introductory Organic & Physical Chemistry (or CHEM105)	Spring	6
STAT151	Introduction to the Concepts and Practice of Statistics	Spring	6
Year 2			

Course Information

BMS202	Human physiology II: Control Mechanisms	Autumn	6
BIOL213	Principles of Biochemistry	Autumn	6
BMS200	Histology	Autumn	6
BIOL214	The Biochemistry of Energy and Metabolism	Spring	6
BMS204	Introduction to Pathophysiology	Spring	6
Plus a further 6 cp from:			
BMS211	Foundations of Biomechanics	Autumn	6
CHEM212	Organic Chemistry II	Autumn	6
STS215	Globalisation: Technology, Culture and Media	Autumn	8
Or another approved subject			
Plus a further 12 cp from:			
BMS242	Exercise Physiology	Spring	6
BMS203	Musculoskeletal Functional Anatomy	Spring	6
BIOL215	Introductory Genetics	Spring	6
Or other approved subjects			

Year 3

BMS352	Fundamentals of Neuroscience	Autumn	8
Plus a further 16 cp from:			
BMS302	Research Topics	Autumn/ Spring	8
BMS311	Nutrients and Metabolism	Autumn	8
BMS342	Advanced Exercise Physiology	Autumn	8
BMS344	Cardiorespiratory Physiology	Autumn	8
BIOL320	Molecular Cell Biology	Autumn	8
CHEM350	Principles of Pharmacology	Autumn	8
<i>Or other approved subjects</i>			
BMS300	Regional Anatomy	Spring	8
<i>Plus a further 16 cp from:</i>			
BMS302	Research Topics	Autumn/ Spring	8
BMS345	Advanced Topics in Pathophysiology	Spring	8
BMS346	Motor Control and Dysfunction	Spring	8
CHEM320	Bioinformatics: From Genome to Structure	Spring	8
PHIL380	Bioethics	Spring	8
<i>Or other approved subjects</i>			

Honours

Students wishing to proceed to Honours enrol in the Bachelor of Science (Honours), which is designed to provide students with skills to demonstrate excellence in research with a clear understanding of a research question in relation to current knowledge. The degree program fosters the following abilities and skills: plan, design and perform a research project; collect and analyse data; evaluate data; synthesise results and integrate with relevant ideas and concepts; communicate; put relevant OHS principles into practice.

Entry into the Bachelor of Science (Hons) requires the student to have attained at least a credit average in subjects undertaken during their undergraduate degree. The Postgraduate coordinator and prospective supervisor will determine whether a student's 300-level subjects are appropriate for entry into the Bachelor of Science (Hons). In addition, admission will be dependent upon the availability of an appropriate supervisor, who must be identified by the applicant prior to applying for entry. Students considering enrolment in BSc(Hons) should first contact the Department's Postgraduate Coordinator.

Bachelor of Medical Science/TAFE Diploma of Laboratory Techniques (Pathology Testing)

Testamur Title of Degree:	Bachelor of Medical Science TAFE Diploma
Abbreviation:	BMedSc
Home Faculty:	Health and Behavioural Sciences
Duration:	4 years full-time
Total Credit Points:	138 cp UOW; 837 hr TAFE
Delivery Mode:	Day
Starting Session(s):	Autumn
Standard Course Fee:	HECS (Local); International \$7,950 per session
Location:	Wollongong
UOW Course Code:	787
UAC Code:	757641
CRICOS Code:	Not applicable

Overview

The double award of Bachelor of Medical Science/TAFE Diploma of Laboratory Techniques (Pathology Testing) provides opportunities for improved vocational outcomes, and the development of practical skills through simultaneous enrolment in the university degree and the TAFE diploma.

Entry Requirements / Assumed Knowledge

Domestic School Leavers are assumed to have completed any two units of English, plus four units of Science and/or Maths. International students are required to have achieved an IELTS score of 6, with a level of 6 in reading and writing, and 5 in speaking and listening.

Students apply for the Bachelor of Medical Science and enter this dual program at enrolment.

Recommended study: English Advanced

Course Requirements

The Bachelor of Medical Science/TAFE Diploma of Laboratory Techniques (Pathology Testing) degree requires 4 years of full-time study. Students will complete the first two years of the Bachelor degree at the University of Wollongong. The third year will be undertaken at TAFE. Students will then complete the remaining subjects of the dual program in their fourth year of study at the University.

Course Program

Note: *ITALIC type indicates TAFE component*

Subjects		Session	Credit Points
Year 1			
BMS101	Systemic Anatomy	Autumn	6
CHEM101	Chemistry 1A: Introductory Physical & General Chemistry (or CHEM104)	Autumn	6
PSYC101	Introduction to Behavioural Science	Autumn	6
BMS103	Human Growth, Nutrition and Exercise	Autumn	6
BMS112	Human Physiology: Principles and Systems	Spring	6
BIOL103	Molecules, Cells and Organisms	Spring	6
CHEM102	Chemistry 1B: Introductory Organic & Physical Chemistry (or CHEM105)	Spring	6
STAT151	Introduction to the Concepts and Practice of Statistics	Spring	6
Year 2			
BMS202	Human physiology II: Control Mechanisms	Autumn	6
BIOL213	Principles of Biochemistry	Autumn	6
BMS200	Histology	Autumn	6
<i>Plus a further 6 cp from:</i>			
BMS211	Foundations of Biomechanics	Autumn	6
CHEM212	Organic Chemistry II	Autumn	6
STS215	Globalisation: Technology, Culture and Media	Autumn	8
Plus			
BIOL214	The Biochemistry of Energy and Metabolism	Spring	6
BMS204	Introduction to Pathophysiology	Spring	6
<i>Plus a further 12 cp from:</i>			
MGMT110	Introduction to Management	Spring	6
MGMT321	Occupational Health and Safety Management	Spring	6
Year 3			
<i>6849AG</i>	<i>Laboratory Testing & Procedures 2</i>		<i>72 hrs</i>

Course Information

6849AH	Laboratory Testing & Procedures 3	45 hrs
6849AA	Calibration & Data Handling	27 hrs
6850AA	Quality Improvement	18 hrs
6850AD	Instrumental Tests 1 - Spectroscopy	45 hrs
6850AE	Instrumental Tests 2 - Chromatography	36 hrs
6850AF	Instrumental Tests 3	18 hrs
1822F	Histotechnology	45 hrs
1822A	Microbiology	45 hrs
1822D	Haematology 1	54 hrs
1822H	Clinical Chemistry 1	54 hrs
1822B	Medical Microbiology	45 hrs
1822G	Histotechnology 2	45 hrs
1822K	Immunohaematology	45 hrs
1822E	Haematology II	54 hrs
1822C	Parasitology and Virology	18 hrs
1822J	Clinical Chemistry II	54 hrs
1822L	Workplace Practice 4 - Pathology	27 hrs
1822M	Workplace Practice 5 - Pathology	27 hrs

Year 4

BMS352	Fundamentals of Neuroscience	Autumn	8
<i>Plus a further 16 cp from</i>			
BMS302	Research Topics	Autumn/ Spring	8
BMS311	Nutrients and Metabolism	Autumn	8
BMS344	Cardiorespiratory Physiology	Autumn	8
BIOL320	Molecular Cell Biology	Autumn	8
Or other approved subjects:			
BMS300	Regional Anatomy	Spring	8
<i>Plus a further 16 cp from:</i>			
BMS302	Research Topics	Autumn/ Spring	8
BMS345	Advanced Topics in Pathophysiology	Spring	8
BMS346	Motor Control and Dysfunction	Spring	8
PHIL380	Bioethics	Spring	8
Or other approved subjects			

Honours

Students wishing to proceed to Honours enrol in the Bachelor of Science (Honours). Students should consult the information listed under the Bachelor of Medical Science.

Professional Recognition

Graduates may become members of AIMS.

Other Information

Students are advised to consult the course coordinator about subject selection and enrolment in the TAFE component.

Bachelor of Nursing

Testamur Title of Degree:	Bachelor of Nursing
Abbreviation:	BNursing
Home Faculty:	Health & Behavioural Sciences
Duration:	3 years full-time
Total Credit Points:	144 cp
Delivery Mode:	Day classes
Starting Session(s):	Autumn
Standard Course Fee:	HECS (domestic), International \$7550 per session
Location:	Wollongong and Bega
UOW Course Code:	863
UAC Code:	757101
CRICOS Code:	003330B

Overview

The Bachelor of Nursing is a first level award. Aims include sound knowledge for safe and competent practice; appropriate affective and psychomotor skills in providing holistic patient care; reflective nursing practice skills in a variety of settings; drawing on relevant principles of the biosciences and social and behavioural sciences;

effective interpersonal and group communication skills; effective and collaborative functioning as a professional member of the health care team; effective and sensitive practice within a multicultural environment; responsibility for the continuing development of self and profession; and high level skills in organisation and allocation of priorities in clinical and practice activities.

Entry Requirements / Assumed Knowledge

Domestic School Leavers are assumed to have completed any 2 units of Science at HSC level. International students are required to have achieved an overall IELTS score of 6.5, with a level of at least 6.0 in all bands, reading and writing, speaking and listening. Alternative pathways exist for mature age domestic students.

Enrolled Nurses who have completed an appropriate TAFE bridging course can enter into Year 2 of the course.

Advanced Standing

Currently the Bachelor of Nursing course at the Bega campus is only available to students who have completed the equivalent of all of Year 1 of the degree. Enrolled Nurses with a TAFE Advanced Certificate receive 12 credit points' advanced standing toward Year 1. Enrolled Nurses who have completed an appropriate TAFE bridging course can enter into Year 2 of the course.

Course Requirements

The Bachelor of Nursing is comprised of 144 credit points of core subjects. This is a prescribed course designed for persons seeking registration with the New South Wales Nurses' Registration Board, in which:

Year 1 of the course introduces Fundamentals of Nursing Practice;
Year 2 of the course focuses on developing Collaborative Practice; and
Year 3 of the course is concerned with Autonomous Practice.

Candidates should note that pre- and co-requisites apply to many subjects in the course. Satisfactory completion of all Year 2 nursing theory and practice subjects (NURS262, NURS263, NURS266, NURS267) is a pre-requisite to enrolment in Year 3 nursing theory and practice subjects. The reason for these prescriptions is that the Department of Nursing has a legal responsibility to ensure that candidates meet nursing theory and practice requirements at each level of the course.

Due to the necessary inclusion of clinical practicum, the length of each session of the course varies from the normal 13 week session. Throughout the three-year course, students will be required to attend 20 weeks off-campus clinical placements in a variety of settings and different area health services.

In order to attend clinical placements, students are required to have a Criminal Record Check (CRC)* clearance card. To obtain this, students are requested to complete a CRC application form and sign a Working with Children Check* form eight weeks prior to clinical placements. Before starting clinical placements, students are also required to comply with NSW Health Department Circular 'Occupational Screening and Vaccination Against Infectious Diseases',* available on the NSW Health Department website. Students who do not meet these requirements will not be able to attend clinical practicum and therefore will not be able to continue in the Bachelor of Nursing.

* Further information is available under 'Other Information' in this section.

Course Program

Subjects		Session	Credit Points
Year 1			
NURS162	Effective Communication in Health Care Relationships	Autumn	6
NURS163	Fundamentals of Nursing	Autumn	6
NURS164	Patterns of Knowing in Nursing	Autumn	6
NURS165	Primary Health Care Nursing	Spring	6
NURS166	Medical/Surgical Nursing 1	Spring	6
NURS127	Human Physiology for Nursing: Principles & Systems	Spring	6
POP103	Introduction to Health Behaviour Change	Spring	6
SCIE122	Biology for Nurses	Spring	6
Year 2			
ARTS211	Social Science Perspectives on Health and Illness	Autumn	6
NURS227	Human Bioscience 3	Autumn	6
NURS262	Medical/Surgical Nursing 2	Autumn	6
NURS263	Mental Health Nursing 1	Autumn	6
NURS264	Reflection and Practice	Spring	6
NURS265	Nursing Therapeutics	Spring	6
NURS266	Medical/Surgical Nursing 3	Spring	6
NURS267	Family and Maternal Health Nursing	Spring	6

Year 3

NURS322	Developmental Disability Nursing	Autumn	6
NURS362	Continuing, Rehabilitative and Palliative Care Nursing	Autumn	6
NURS363	Therapeutic Use of Self	Autumn	6
NURS364	Research Appreciation and Application	Autumn	6
NURS365	Mental Health Nursing 2	Spring	6
NURS366	Community Health Nursing	Spring	6
NURS367	Medical/Surgical Nursing 4	Spring	6
NURS328	Management in Nursing	Spring	6

Honours

The Bachelor of Nursing (Honours) provides exceptional nursing students with the opportunity to extend their knowledge and skills beyond the beginning level. There is an increasing need for graduates to develop more advanced and extensive knowledge in the discipline than can be attained in a pass degree. This need can be achieved by qualified candidates, who have attained a level of scholarship at credit level or above in 300-level Nursing subjects, undertaking advanced coursework and research.

Professional Recognition

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

Other Information

Further information is available from:

Dr Peter Thomas, Undergraduate Coordinator, +61 2 4221 3229 or peter_thomas@uow.edu.au.
Uniadvice 1300 367 869. Visit our website: <http://www.uow.edu.au/health/nursing>.

For information on Criminal Record checks and Infectious Diseases please see section at the end of this chapter.

Bachelor of Nursing (Conversion)

Testamur Title of Degree:	Bachelor of Nursing (Conversion)
Abbreviation:	BNursing(Conversion)
Home Faculty:	Health & Behavioural Sciences
Duration:	The length of the degree is dependent upon entry qualifications
Total Credit Points:	24 cp (Diploma or equivalent) or 72 cp (Certificate or equivalent)
Delivery Mode:	Day classes
Starting Session(s):	Autumn or Spring
Standard Course Fee:	HECS (local); \$7,550 per session (international)
Location:	Wollongong
UOW Course Code:	860
UAC Code:	Students apply direct to the University
CRICOS Code:	00102E

Overview

The Bachelor of Nursing (Conversion) provides hospital trained nurses or diplomates with the opportunity to upgrade to degree level. Students will: demonstrate an increased understanding of the nature of nursing; evaluate and apply concepts drawn from nursing theory and research to professional practice; offer leadership to less experienced members of the nursing profession; demonstrate an increased awareness of the effects of cultural, social, economic, legal and ethical influences on the development of the nursing profession; demonstrate increased ability in critical reflection and research; display a readiness and ability to participate in positive changes; and demonstrate competencies that will enable health professionals to accept responsibility for a more complex level of client management.

Entry Requirements / Assumed Knowledge

Candidates must be Registered Nurses to enrol in this course and must be eligible for registration in NSW and have obtained their initial qualification after 1972. Applicants who obtained their initial qualification before 1972, and who do not hold equivalent nursing qualifications, are still eligible to apply following successful completion of the Special Tertiary Admissions Test or the fulfilment of other entry paths such as the University Access Program.

International students are required to have achieved an overall IELTS score of 6.5, with a level of at least 6.0 in all bands, reading and writing, speaking and listening. Students should consult the information about Criminal Records Checks and Infectious Diseases in the Bachelor of Nursing entry above.

Advanced Standing

For Certificated Registered Nurses: Advanced standing of up to 24 credit points may be approved for candidates with post certificate qualifications and experience, but each candidate must satisfy each of the following requirements:

1. at least 6 credit points will be for 100-level subjects, and must include NURS162;
2. at least 12 credit points will be for 200-level subjects;
3. at least 24 credit points will be for 300-level subjects, and must include NURS364.

Course Requirements for the course for Certificated Registered Nurses

The number of candidates admitted to the course will be limited and applicants must be approved by the Head of the Department of Nursing. Registered nurses with certificate(s) are required to satisfactorily complete subjects with a value of at least 72 credit points.

Course Program

Subjects		Session	Credit Points
NURS123	Introduction to Psychology	Autumn	6
NURS162	Effective Communication in Health Care Relationships	Autumn	6
NURS164	Patterns of Knowing in Nursing	Autumn	6
NURS165	Primary Health Care Nursing	Spring	6
ARTS211	Social Science Perspectives on Health and Illness	Autumn	6
NURS264	Reflection and Practice	Spring	6
NURS265	Nursing Therapeutics	Spring	6
NURS328	Management in Nursing	Spring	6
NURS363	Therapeutic Use of Self	Autumn	6
NURS364	Research Appreciation and Application	Autumn	6
NURS366	Community Health Nursing	Spring	6

Students may also choose a limited number of credit points from the General Schedule at the discretion of the Department.

Course Requirements for the course for Registered Nurses who hold a Diploma of Nursing, or equivalent

The number of candidates admitted to the course will be limited and applicants must be approved by the Head of the Department of Nursing. Registered nurses with a Diploma of Nursing, or equivalent, are required to satisfactorily complete subjects with a value of at least 24 credit points, of which at least 12 credit points shall be for 300-level subjects and must include NURS364.

Course Program

Subjects		Session	Credit Points
NURS264	Reflection and Practice	Spring	6
NURS265	Nursing Therapeutics	Spring	6
NURS328	Management in Nursing	Spring	6
NURS363	Therapeutic Use of Self	Autumn	6
NURS364	Research Appreciation and Application	Autumn	6
NURS366	Community Health Nursing	Spring	6

Honours

The Bachelor of Nursing (Honours) provides exceptional nursing students with the opportunity to extend their knowledge and skills beyond the beginning level. There is an increasing need for graduates to develop more advanced and extensive knowledge in the discipline than can be attained in a pass degree. This need can be achieved by qualified candidates, who have attained a level of scholarship at credit level or above in 300-level Nursing subjects, undertaking advanced coursework and research.

Professional Recognition

Graduates may apply for higher positions in management and other specialised areas within the discipline of nursing.

Bachelor of Nutrition and Dietetics

Testamur Title of Degree:	Bachelor of Nutrition and Dietetics
Abbreviation:	BNutrDiet
Home Faculty:	Health and Behavioural Sciences
Duration:	4 years full-time
Total Credit Points:	192 cp
Delivery Mode:	Face-to-Face
Starting Session(s):	Autumn
Standard Course Fee:	HECS (Local); \$8,350 per session (international)
Location:	Wollongong
UOW Course Code:	865
UAC Code:	757647
CRICOS Code:	026811F

Overview

The Bachelor of Nutrition & Dietetics course emphasises professional development and provides students with opportunities to gain clinical and health promotion skills through placements in hospitals, community health centres and the department's Exercise Science and Rehabilitation Centre.

Entry Requirements / Assumed Knowledge

Domestic School Leavers are assumed to have completed any two units of English, plus four units of Science and/or Maths. International students are required to have achieved an IELTS score of 6.5 (minimum) for reading, writing, speaking and listening.

Course Requirements

Students will need to achieve a minimum of credit average across the full two years of their program to be permitted to continue into the third and fourth years of this degree. Students failing to achieve this grade will be transferred to the BSc (Nutrition) degree program.

Course Program

Subjects	Session	Credit Points	
Year 1			
BMS101	Systemic Anatomy	Autumn	6
CHEM101	Chemistry 1A: Introductory Physical & General Chemistry (or CHEM104)	Autumn	6
BMS103	Human Growth, Nutrition and Exercise	Autumn	6
BMS112	Human Physiology I: Principles and Systems	Spring	6
BIOL103	Molecules, Cells and Organisms	Spring	6
CHEM102	Chemistry 1B: Introductory Organic & Physical Chemistry (or CHEM105)	Spring	6
STAT151	Introduction to the Concepts and Practice of Statistics Plus a further 6 cp from	Spring	6
PSYC101 or SOC103*	Introduction to Behavioural Science Aspects of Australian Society	Autumn	6
Year 2			
BMS202	Human Physiology II: Control Mechanisms	Autumn	6
BIOL213	Principles of Biochemistry	Autumn	6
CHEM215	Food Chemistry	Autumn	6
POP222	Current Issues in Food and Nutrition	Spring	6
BIOL214	The Biochemistry of Energy and Metabolism	Spring	6
MGMT102	Business Communications	Autumn	6
Plus a further 12 cp from:			
BMS204	Introduction to Pathophysiology	Spring	6
GEOS246*	A Hungry World: Food Resources and the World Economy	Spring	6
POP101*	Population Health - Current Health Issues and their Determinants	Spring	6
Or other approved subjects			
Year 3			
BMS311	Nutrients and Metabolism	Autumn	8
BMS310	Community and Public Health Nutrition	Autumn	8
BMS312	Research in Human Nutrition	Autumn/ Annual	8
PHIL380	Bioethics	Spring	8
BMS304#	Research Topics in Nutrition and Dietetics	Spring	16

Year 4

BND433	Communication in Health Care Practice	Annual	8
BND434	Dietetics	Autumn	8
BND435	Food Services and Dietetics Management	Autumn	8
BND437	Practical Studies in Nutrition and Dietetics	Autumn/Spring/ Annual	24

* Suggested elective subjects for a “public health” emphasis to the degree program.

Students who undertake BMS304 would also be able to undertake population health nutrition projects.

Honours

Students should consult the Department about the requirements for Honours.

Professional Recognition

Graduates are eligible for membership of the Dieticians Association of Australia and professional recognition as a Dietician/Nutritionist.

Other Information

See section on Criminal Record Checks and Infectious Diseases at the end of this chapter.

Bachelor of Nutrition and Dietetics / TAFE Certificate IV in Hospitality (Catering Operations)

Testamur Title of Degree:	Bachelor of Nutrition and Dietetics/ TAFE Certificate IV in Hospitality (Catering Operations)
Abbreviation:	BNutrDiet / TAFE Cert IV Hosp (Catering Operations)
Home Faculty:	Health and Behavioural Sciences
Duration:	5 years full-time
Total Credit Points:	192 cp plus 764 hrs TAFE
Delivery Mode:	Face-to-Face
Starting Session(s):	Autumn
Standard Course Fee:	HECS (Local); International \$8,350 per session
Location:	Wollongong
UOW Course Code:	865
UAC Code:	757647
CRICOS Code:	Not applicable

Overview

This 5-year program allows students to graduate with both a Bachelor of Nutrition and Dietetics and the TAFE Certificate IV in Hospitality (Catering Operations). Undertaking the two programs separately would normally take 6 years. Graduates would be eligible for membership of the Dieticians Association of Australia (DAA) and practice as professional Dieticians. Graduates also would be eligible to be members of the Institute of Hospitality and Healthcare. Prospective students should consult the Course Coordinator about their enrolment.

Entry Requirements / Assumed Knowledge

Domestic School leavers are assumed to have completed any two units of English, plus four units of Science and/or Maths. International students are required to have achieved an IELTS score of 6.5 (minimum) for reading, writing, speaking and listening.

Other Information

Students are advised to consult the course coordinator about subject selection and enrolment in the TAFE component.

For information on Criminal record checks and infectious diseases, refer to the section at the end of this chapter.

Bachelor of Psychology

Testamur Title of Degree:	Bachelor of Psychology
Abbreviation:	BPsych
Home Faculty:	Health & Behavioural Sciences
Duration:	4 years
Total Credit Points:	192
Delivery Mode:	Face-to-face
Starting Session(s):	Normally Autumn session
Standard Course Fee:	HECS (local); International \$8,350 per session
Location:	Wollongong
UOW Course Code:	866
UAC Code:	757652
CRICOS Code:	026184F

Overview

Psychology is the scientific study of human behaviour and experience, the physiological, sensory and cognitive processes that underlie it, and the profession that applies this knowledge to practical problems. Psychologists help us to understand who we are and how we think, feel, act and change. They aim to help people function better, and to prevent ill-health and other problems developing. Psychologists' clients include children, adults, couples, families and organisations.

The Bachelor of Psychology offered by the University of Wollongong is a four year undergraduate Honours degree accredited by the Australian Psychological Society (APS). The Bachelor of Psychology is a route to Postgraduate coursework or research degrees in Psychology. It is also a partial qualification for registration as a Psychologist with the Psychologists' Registration Board of New South Wales, a post degree supervision period also being required.

Entry Requirements / Assumed Knowledge

Domestic School Leavers are assumed to have completed at least 2 units of English at HSC level. International students are required to have achieved an IELTS score of 6.0, with at least 6.0 in reading and writing, and at least 5.0 in speaking and listening.

Course Requirements

For students entering 100-level in 2002 or later, continuation in the course requires, in the psychology subjects approved for the degree, an average result of at least 70% at the end of 100-level, a cumulative average of 70% for 100 & 200-level subjects at the end of 200-level, and a cumulative average of 70% for 200 & 300-level subjects at the end of 300-level.

Course Program

Subjects (by year)		Session	Credit Points
PSYC121	Foundations in Psychology A	Autumn	6
PSYC122	Foundations in Psychology B	Spring	6
PSYC123	Theory, Design and Statistics in Psychology	Spring	6
PSYC247	Statistics and Measurement 1	Autumn	6
PSYC248	Statistics and Measurement 2	Spring	6
PSYC231	Personality	Autumn	6
PSYC234	Biological Psychological and Learning	Autumn	6
PSYC236	Cognition and Perception	Spring	6
PSYC241	Developmental and Social Psychology	Spring	6
PSYC315	Psychology of Abnormality	Spring	8
PSYC348	History and Metatheory of Psychology	Spring	8
PSYC354	Design and Analysis	Spring	8
<i>Plus three elective subjects at 300-level, including at least one of the following:</i>			
PSYC317	Current Issues in Learning and Judgement	Autumn	8
PSYC345	Memory and Language	Autumn	8
PSYC349	Visual Perception	Spring	8
PSYC352	Psychophysiology	Spring	8
<i>And may include:</i>			
PSYC347	Assessment and Intervention	Autumn	8
PSYC318	Change Throughout the Lifespan	Spring	8
PSYC350	Social Behaviour and Individual Differences	Autumn	8

In addition, a further 48 credit points across 100, 200 and 300 levels must be taken from the Health and Behavioural Sciences, Science or General Schedules. Students may include PSYC101 Introduction to Behavioural Science as an elective.

400-level

Students will study in either the Honours or Non-Honours stream. Places within the Honours stream are limited, therefore entry will be on a competitive basis. All students who do not successfully gain entry into Honours will be enrolled in the Non-Honours stream provided they have satisfied the credit level performance to remain in the program.

Honours

The Honours program is made up of:

1. an empirical thesis, consisting of a supervised research project and presented as a 9000 to 12,000 word thesis;
2. a research seminar;
3. an advanced methodology subject (21%), in turn consisting of 2 seminars: Psychology Honours Theory*, and Topics in Data Analysis;
4. Contemporary Issues for Professional and Research Psychologists GHMC988;
5. one of a range of specified postgraduate psychology subjects*;
6. the Honours Meeting.

*A minor theoretical thesis is available in place of Psychology Honours Theory seminar and the Psychology Postgraduate subject.

Candidates intending to complete Honours as part-time students will generally do advanced methodology, GHMC988 and the theoretical thesis or optional postgraduate subject in the first year, and the empirical thesis and research seminar in the second.

Non-Honours

This program is made up of:

1. A research project, consisting of a 9,000 word supervised thesis;
2. Social Psychology and Health Psychology GHMC984;
3. Contemporary Issues for Professional and Research Psychologists GHMC988;
4. Principles and Practices of Psychological Assessment GHMC985;
5. Advanced Abnormal Psychology GHMC989; and
6. Child and Adolescent Psychology GHMC978.

Professional Recognition

Our degrees are set up to meet the requirements of external bodies such as the APS and the NSW Registration Board, but for information about these professional bodies, their regulations, and about post university practice as a psychologist, please contact these bodies directly.

Bachelor of Science

Testamur Title of Degree:	Bachelor of Science
Abbreviation:	BSc
Home Faculty:	Health and Behavioural Sciences
Duration:	3 years full-time or part-time equivalent
Total Credit Points:	144
Delivery Mode:	Face-to-face
Starting Session(s):	Normally autumn session
Standard Course Fee:	HECS (local); \$7950AUD per session (international)
Location:	Wollongong
UOW Course Code:	749
UAC Code:	See UAC code under specific major
CRICOS Code:	020187G

Overview

The Bachelor of Science offered by the Faculty of Health and Behavioural Sciences, course code 749, offers students the opportunity to enrol in a major or double major in a number of disciplines, including Exercise Science, Nutrition, Population Health, and Psychology. Students also may choose a second major from outside the Faculty, such as Biology, Biostatistics, Chemistry, Human Geography, Management, Marketing and others.

Assumed Knowledge

Domestic School Leavers are assumed to have completed at least 2 units of English at HSC level. Some majors also assume that students have completed 4 units of Science and/or Maths. International students are required to have achieved an IELTS score of 6.0 with at least 6.0 in reading and writing, and at least 5.0 in listening and speaking. Alternative pathways exist for mature age domestic students.

Course Requirements

The Bachelor of Science, Course code 749, is comprised of 144 credit points of subjects listed in the subject schedule for majors in the Faculty of Health and Behavioural Sciences, plus additional elective subjects chosen from the Health and Behavioural Sciences, Science or the General Schedules. For some double majors, more than 144 credit points of subjects may need to be completed. Subjects to a value of at least 90 credit points of subjects must be selected from the Health and Behavioural Sciences schedules. Students may undertake no more than 60 credit points of 100-level subjects. Students should refer to the Award Rules for the Bachelor of Science, course code 749.

Honours

The Bachelor of Science (Honours) is designed to provide students with skills to demonstrate excellence in research with a clear understanding of a research question in relation to current knowledge. The degree program fosters the following abilities and skills: plan, design and perform a research project; collect and analyse data; evaluate data; synthesise results and integrate with relevant ideas and concepts; communicate; and put relevant principles into practice.

Entry into the Bachelor of Science (Hons) requires the student to have attained at least a credit average in subjects undertaken during their undergraduate degree. The Postgraduate coordinator and prospective supervisor will determine whether a student's 300-level subjects are appropriate for entry into the Bachelor of Science (Hons). In addition, admission to the Bachelor of Science (Hons) will be dependent upon the availability of an appropriate supervisor, who must be identified by the applicant before applying for entry. Students considering enrolment in BSc(Hons) should first contact the Department's Postgraduate Coordinator.

Major Study Areas

Exercise Science
Exercise Science and Nutrition
Nutrition
Nutrition and Chemistry
Population Health
Population Health And Human Geography
Population Health And Statistics
Psychology
Psychology and Biology
Psychology and Exercise Science
Psychology and Nutrition

Exercise Science (UAC Code 757642)

The Exercise Science major provides a general introduction to the area of exercise science through the study of anatomy, physiology, exercise physiology, exercise prescription and biomechanics. Students will gain 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.

Assumed Knowledge

Domestic School Leavers are assumed to have completed at least 2 units of English at HSC level and 4 units of Science and/or Maths. International students are required to have achieved an IELTS score of 6.0 with at least 6.0 in reading and writing, and at least 5.0 in listening and speaking. Alternative pathways exist for mature age domestic students.

Major Study

The Exercise Science Major consists of 144 credit points, including at least 24 credit points at 300-level, as outlined in the course structure below.

Double Majors

Students may undertake double majors in:
Exercise Science and Nutrition (see below)
Exercise Science and Management (Students should consult an academic adviser in both Faculties)

Professional Recognition

Graduates may become full members of the Australian Association for Exercise and Sports Science (AAESS) although further study may be required to achieve professional accreditation.

Credit Towards Other Courses

This degree represents the first 3 years of the 4-year professional Bachelor of Exercise Science and Rehabilitation degree program. Graduates are trained to utilise exercise as an intervention to maintain health and fitness in healthy individuals.

Course Program

Subjects		Session	Credit Points
Year 1			
BMS101	<u>Systemic Anatomy</u>	<u>Autumn</u>	<u>6</u>
BMS103	Human Growth, Nutrition and Exercise	Autumn	6
CHEM101	Chemistry 1A: Introductory Physical & General Chemistry (or CHEM104)	Autumn	6
PSYC101	Introduction to Behavioural Science	Autumn	6
BMS112	Human Physiology: Principles and Systems	Spring	6
BIOL103	Molecules, Cells and Organisms	Spring	6
CHEM102	Chemistry 1B: Introductory Organic & Physical Chemistry (or CHEM105)	Spring	6
STAT151	Introduction to the Concepts and Practice of Statistics	Spring	6
Year 2			
BMS202	Human Physiology II: Control Mechanisms	Autumn	6
BMS211	Foundations of Biomechanics	Autumn	6
BIOL213	Principles of Biochemistry	Autumn	6
PSYC216	Psychology of Physical Activity	Autumn	6
BMS203	Musculoskeletal Functional Anatomy	Spring	6
BMS204	Introduction to Pathophysiology	Spring	6
BMS242	Exercise Physiology Plus a further 6 cp from	Spring	6
BIOL214	The Biochemistry of Energy and Metabolism	Spring	6
MGMT102	Business Communications	Autumn	6
POP101	Population Health - Current Health Issues and their Determinants	Spring	6
POP220	Mass Media and Population Health	Autumn	6
Year 3			
BEXS351	Exercise Prescription 1: Strength and Conditioning	Spring	8
BMS342	Advanced Exercise Physiology	Autumn	8
BEXS352	Exercise Prescription 2: Aerobic Fitness Plus a further 24 cp from	Autumn	8
BMS354#	Practicum in Exercise Science	Annual	8
BMS302	Research Topics	Autumn/ Spring	8
BMS344	Cardiorespiratory Physiology	Autumn	8
BMS352	Fundamentals of Neuroscience	Autumn	8
BEXS401	Ergonomics	Autumn	8
BMS300	Regional Anatomy	Spring	8
BMS303	Research Topics in Exercise Science	Autumn/ Spring	8
BMS341	Clinical Biomechanics	Spring	8
BMS345	Advanced Topics in Pathophysiology	Spring	8
BMS346	Motor Control and Dysfunction Or other approved subjects	Spring	8

Pre-requisite: BMS203, BMS242. This subject is for BSc (Exercise Science) and BSc (Exercise Science and Nutrition) students only.

Other Information

Subjects to the value of at least 90 credit points must be selected from the Health and Behavioural Sciences or Science Schedules. Subjects to the value of 144 credit points are required for the degree.

Exercise Science and Nutrition (UAC Code 757646)

This double major, Exercise Science and Nutrition, represents the first 3 years of a coordinated five-year integrated undergraduate and postgraduate program of study, with the Master of Science (Nutrition/Dietetics and Exercise Science), designed to produce a combined Dietician and Exercise Science practitioner who has professional accreditation from both the Dieticians Association of Australia (DAA) and the Australian Association for Exercise and Sports Science (AAESS).

Assumed Knowledge

Domestic School Leavers are assumed to have completed at least 2 units of English at HSC level and 4 units of Science and/or Maths. International students are required to have achieved an IELTS score of 6.0 with at least 6.0 in reading and writing, and at least 5.0 in listening and speaking. Alternative pathways exist for mature age domestic students.

Major Study

The Nutrition and Exercise Science Major consists of 150 credit points, as outlined in the course structure below.

Honours

See entry under Bachelor of Science

Professional Recognition

After completion of the Masters program (5 years) students will be able to apply for professional accreditation from the DAA and AAESS.

Course Program

Subjects		Session	Credit Points
Year 1			
BMS101	Systemic Anatomy	Autumn	6
BMS103	Human Growth, Nutrition and Exercise	Autumn	6
CHEM101	Chemistry 1A: Introductory Physical & General Chemistry (or CHEM104)	Autumn	6
PSYC101	Introduction to Behavioural Science	Autumn	6
BMS112	Human Physiology: Principles and Systems	Spring	6
BIOL103	Molecules, Cells and Organisms	Spring	6
CHEM102	Chemistry 1B: Introductory Organic & Physical Chemistry (or CHEM105)	Spring	6
STAT151	Introduction to the Concepts and Practice of Statistics	Spring	6
Year 2			
BMS202	Human Physiology II: Control Mechanisms	Autumn	6
BMS211	Foundations of Biomechanics	Autumn	6
BIOL213	Principles of Biochemistry	Autumn	6
BMS203	Musculoskeletal Functional Anatomy	Spring	6
CHEM215	Food Chemistry	Autumn	6
BMS242	Exercise Physiology	Spring	6
Plus a further 6 cp from			
BIOL214	The Biochemistry of Energy and Metabolism	Spring	6
POP222	Current Issues in Food and Nutrition	Spring	6
Year 3			
BMS204	Introduction to Pathophysiology	Spring	6
BMS310	Community and Public Health Nutrition	Autumn	8
BMS312	Research in Human Nutrition	Autumn/ Annual	8
BEXS351	Exercise Prescription 1: Strength and Conditioning	Spring	8
BMS311	Nutrients and Metabolism	Autumn	8
BEXS352	Exercise Prescription 2: Aerobic Conditioning	Autumn	8
BMS346	Motor Control and Dysfunction	Spring	8

Note: If students do not intend to enrol in the MSc (Nutrition and Dietetics and Exercise Rehabilitation) on graduation and wish to qualify for full membership of the professional exercise science association (AAESS), they should complete BMS354 Practicum in Exercise Science instead of BMS204.

Nutrition UAC Code 757645

The major in Nutrition provides a general education in the study of human nutrition with core areas of study including biochemistry, nutritional metabolism and community and public health nutrition. The major is designed to meet the prerequisite requirements for admission to the Master of Science (Nutrition and Dietetics) and recognition by the Dieticians Association of Australia (DAA) as a professional Dietician/Nutritionist.

Students who have achieved a credit average in the first two and a half years of this degree will be permitted to apply to transfer into the Bachelor of Nutrition and Dietetics.

Assumed Knowledge

Domestic school leavers are assumed to have completed at least 2 units of English at HSC level and 4 units of Science and/or Maths. International students are required to have achieved an IELTS score of 6.0 with at least 6.0 in reading and writing, and at least 5.0 in listening and speaking. Alternative pathways exist for mature age domestic students.

Major Study

The Nutrition Major consists of 144 credit points, as outlined in the course structure below.

Honours

See entry under Bachelor of Science

Course Program

Subjects		Session	Credit Points
Year 1			
BMS101	Systemic Anatomy	Autumn	6
BMS103	Human Growth, Nutrition and Exercise	Autumn	6
CHEM101	Chemistry 1A: Introductory Physical & General Chemistry (or CHEM104)	Autumn	6
BMS112	Human Physiology: Principles and Systems	Spring	6
BIOL103	Molecules, Cells and Organisms	Spring	6
CHEM102	Chemistry 1B: Introductory Organic & Physical Chemistry (or CHEM105)	Spring	6
STAT151	Introduction to the Concepts and Practice of Statistics	Spring	6
PSYC101	Introduction to Behavioural Science	Autumn	6
Or			
SOC103	Sociology A: Aspects of Australian Society	Autumn	6
Year 2			
BMS202	Human Physiology II: Control Mechanisms	Autumn	6
BIOL213	Principles of Biochemistry	Autumn	6
CHEM215	Food Chemistry	Autumn	6
POP222	Current Issues in Food and Nutrition	Spring	6
BIOL214	The Biochemistry of Energy and Metabolism	Spring	6
MGMT102	Business Communications	Autumn	6
<i>Plus a further 12 cp from</i>			
BMS204	Introduction to Pathophysiology	Spring	6
GEOS246*	A Hungry World: Food Resources and the World Economy	Spring	6
POP101*	Population Health - Current Health Issues and their Determinants	Spring	6
<i>Or other approved subjects</i>			
Year 3			
BMS311	Nutrients and Metabolism	Autumn	8
BMS310	Community and Public Health Nutrition	Autumn	8
BMS312	Research in Human Nutrition	Autumn/ Annual	8
PHIL380	Bioethics	Spring	8
<i>Plus a further 16 cp from</i>			
BMS300	Regional Anatomy	Spring	8
BMS302	Research Topics	Spring	8
BMS345	Advanced Topics in Pathophysiology	Spring	8
BMS346	Motor Control and Dysfunction	Spring	8
POP204	Epidemiology	Spring	6
POP221	Behaviour Change for Population Health	Spring	6
<i>Or other approved subjects</i>			

* Suggested elective subjects for a "public Health" emphasis to the degree.

Nutrition and Chemistry

This 144 credit point program of study fulfils the requirement for a double major in Nutrition and Chemistry.

Entry Requirements / Assumed Knowledge

Domestic School Leavers are assumed to have completed at least 2 units of English at HSC level and 4 units of Science and/or Maths.

International students are required to have achieved an IELTS score of 6.0 with at least 6.0 in reading and writing, and at least 5.0 in listening and speaking.

Alternative pathways exist for mature age domestic students.

Course Program

Subjects		Session	Credit Points
Year 1			
BMS101	Systemic Anatomy	Autumn	6
BMS103	Human Growth, Nutrition and Exercise	Autumn	6
CHEM101	Chemistry 1A: Introductory Physical & General Chemistry (or CHEM104)	Autumn	6
BMS112	Human Physiology: Principles and Systems	Spring	6
BIOL103	Molecules, Cells and Organisms	Spring	6
CHEM102	Chemistry 1B: Introductory Organic & Physical Chemistry (or CHEM105)	Spring	6
STAT151	Introduction to the Concepts and Practice of Statistics	Spring	6

Course Information

PSYC101	Introduction to Behavioural Science	Autumn	6
<i>Or</i>			
SOC103	Sociology A: Aspects of Australian Society	Autumn	6
Year 2			
BMS202	Human Physiology II: Control Mechanisms	Autumn	6
BIOL213	Principles of Biochemistry	Autumn	6
CHEM215	Food Chemistry	Autumn	6
POP222	Current Issues in Food and Nutrition	Spring	6
BIOL214	The Biochemistry of Energy and Metabolism	Spring	6
CHEM211	Inorganic Chemistry II	Autumn	6
CHEM212	Organic Chemistry II	Autumn	6
CHEM213	Molecular Structure, Reactivity and Change	Spring	6
Year 3			
BMS311	Nutrients and Metabolism	Autumn	8
BMS310	Community and Public Health Nutrition	Autumn	8
<i>Plus one subject from the following:</i>			
BMS312	Research in Human Nutrition	Autumn/ Annual	8
PHIL380	Bioethics	Spring	8
BMS301	Regional Anatomy	Spring	8
BMS302	Research Topics	Spring	8
BMS345	Advanced Topics in Pathophysiology	Spring	8
BMS346	Motor Control and Dysfunction	Spring	8
<i>Plus three subjects (24 credit points) from the following:</i>			
CHEM311	Inorganic Chemistry III	Spring	8
CHEM314	Instrumental Analysis	Autumn	8
CHEM320	Biological Chemistry	Spring	8
CHEM321	Organic Synthesis and Reactivity	Spring	8
CHEM327	Environmental Chemistry	Autumn	8
CHEM340	Chemistry Laboratory Project	Autumn, Spring, Summer	8
CHEM364	Molecular Structure and Spectroscopy	Autumn	8

Other Information

Students are advised to consult an academic adviser in each discipline about subject selection

Population Health UAC Code 757648

The Bachelor of Science (Population Health) aims to train students in skills to obtain, review and analyse health information, to plan and manage a health project and to improve the health of populations. The program is designed to do two main things. Firstly, students will learn the basics of the health sector and develop an understanding of the problems involving health, illness, treatment and welfare. Secondly, some really useful skills are developed such as analysing information, researching with people, developing policy, project management and writing for a range of purposes, such as report writing and writing for the media. This means that when you graduate, there are many possibilities with regard to jobs, especially if you take population health in conjunction with another specialty area, such as psychology, nutrition, exercise science, statistics, economics or politics.

Assumed Knowledge

Domestic school leavers are assumed to have completed at least 2 units of English at HSC level. International students are required to have achieved an IELTS score of 6.0 with at least 6.0 in reading and writing, and at least 5.0 in listening and speaking. Alternative pathways exist for mature age domestic students.

Major Study

The Population Health Major consists of 88 credit points, as outlined in the course structure below, together with other subjects which may be selected from the Health & Behavioural Sciences, Science or General Schedules to make up the 144 credit points required for the degree. At least 90 credit points must be chosen from subjects offered by the Faculty of Health and Behavioural Sciences.

Double Majors

Students may undertake a double major in:

- Population Health and Human Geography
- Population Health and Psychology
- Population Health and Statistics

Honours

See entry under Bachelor of Science

Course Program

Subjects 100 level		Session	Credit Points
BMS103	Human Growth Nutrition and Exercise	Autumn	6
POP101	Population Health - Current Issues and their Determinants	Spring	6
STAT151	Introduction to the Concepts & Practice of Statistics	Spring	6
<i>and one of</i>			
ABST150	Introduction to Aboriginal Australia	Autumn/spring	6
<i>Or</i>			
POP103	Introduction to Health Behaviour Change	Spring	6
200 level			
POP201	Contemporary Population Health Issues	Autumn	6
POP202	Promoting Healthy Lifestyles	Autumn	6
POP203	Health Policy	Spring	6
POP204	Epidemiology	Spring	6
300 level			
POP301	Project and Program Design, Management and Evaluation	Not on offer 2004	8
POP302	Analysis and Interpretation of Evidence	Not on offer 2004	8
POP331	Population Health Project A	Autumn/Spring/ Annual	24
* Students taking a joint major with another specialisation should take POP332 Population Health Project B, 8 credit points. Note - students can include additional subjects in Population Health in their degree, including:			
POP102	Sex, Drugs and Rock'n'Roll: public health perspectives	Autumn	6
POP220	Mass Media and Population Health	Autumn	6
POP325	Aboriginal Health Issues	Autumn	8
POP221	Behaviour Change for Population Health	Spring	6
<i>Note: Subjects to the value of at least 90 credit points must be selected from the Science or Health and Behavioural Sciences Schedules. Subjects to the value of 144 credit points are required for the degree.</i>			

Other Information

Double degree programs (e.g. with commerce or nursing) are also possible.

Population Health And Human Geography UAC Code 757648

The double major in Population Health and Human Geography consists of a minimum of 144 credit points, which comprises all of the subjects in each of the individual majors. If students wish to undertake honours in Human Geography at the end of the double major degree, additional subjects are required. Students should consult the entry in the Faculty of Science and consult an academic adviser in Geosciences.

The double major in Population Health and Human Geography enables students to pursue two options for their career or further study. The combination of majors is particularly relevant for students who may wish to work in rural or community development or local level social/health policy and planning, for example within local governments.

Entry Requirements / Assumed Knowledge

Domestic school leavers are assumed to have completed at least 2 units of English at HSC level and 4 units of Science and/or Maths. International students are required to have achieved an IELTS score of 6.0 with at least 6.0 in reading and writing, and at least 5.0 in listening and speaking. Alternative pathways exist for mature age domestic students.

Course Program

Subjects 100 level		Session	Credit Points
BMS103	Human Growth, Nutrition and Exercise	Autumn	6
POP101	Population Health - current health issues and their determinants	Spring	6
STAT151	Introduction to the Concepts and Practice of Statistics	Spring	6
<i>and one of</i>			
ABST150	Introduction to Aboriginal Australia	Autumn	6
<i>Or</i>			
POP103	Introduction to Health Behaviour Change	Spring	6
SOC103	Aspects of Australian Society	Autumn	6
EESC104	The Human Environment: problems and change	Spring	6
SOC104	Communication, Media and Society	Spring	6
<i>plus one elective</i>			

Course Information

200 level

POP201	Contemporary Population Health Issues	Autumn	6
POP202	Promoting Healthy Lifestyles	Autumn	6
EESC205	Population Studies	Autumn	6
EESC203	Introduction to Spatial Science	Autumn	6
POP203	Health Policy	Spring	6
POP204	Epidemiology	Spring	6
EESC206	Environmental Impact of Societies	Spring	6
EESC208	Social Spaces	Spring	6

300 level

POP301	Project and Program Design, Management and Evaluation	Not on offer 2004	8
POP302	Analysis and Interpretation of Evidence	Not on offer 2004	8
POP332	Population Health Project B	Not on offer 2004	8
EESC307	Spaces, Places and Identities	Autumn	8
<i>and two of</i>			
EESC350	Directed Studies in Earth and Environmental Sciences	Autumn/Spring	8
EESC304	Geographic Information Science	Spring	8
EESC308	Environmental and Heritage Management	Spring	8

Population Health and Psychology UAC Code 757648 or 757651

The double major in Population Health and Psychology enables students to pursue two options for their career or further study. Students may progress to advanced level study such as honours or postgraduate courses in either field. In addition, the combination of majors will enable graduates to apply for jobs in specialist areas of population health, such as lifestyle counselling or conduction lifestyle management programs.

Entry Requirements / Assumed Knowledge

Domestic School Leavers are assumed to have completed at least 2 units of English at HSC level. International students are required to have achieved an IELTS score of 6.0 with at least 6.0 in reading and writing, and at least 5.0 in listening and speaking. Alternative pathways exist for mature age domestic students.

Professional Recognition

To apply for registration as a professional psychologist with the Psychologists Registration Board of NSW it is necessary to complete an accredited 4-year course of study plus 2 years' supervised practice. Accreditation with the Australian Psychological Society, the national professional association, requires 6 years of approved academic study.

Double Major

The double major in Population Health and Psychology consists of a minimum of 144 credit points, which comprises all of the subjects in each of the individual majors. If students wish to undertake honours in Psychology at the end of the double major degree, additional subjects are required. Students should consult the information on Honours in the entry for the Psychology major.

Course Program

Subjects		Session	Credit Points
100 level			
ABST150	Introduction to Aboriginal Australia	Autumn	6
BMS103	Human Growth, Nutrition and Exercise	Autumn	6
POP103	Introduction to Health Behaviour Change	Spring	6
PSYC121	Foundations of Psychology A	Autumn	6
PSYC122	Foundations of Psychology B	Spring	6
PSYC123	Theory, Design and Statistics in Psychology	Spring	6
<i>and one elective</i>			
200 level			
POP201	Contemporary Population Health Issues	Autumn	6
PSYC231	Personality	Autumn	6
PSYC234	Biological Psychology and Learning	Autumn	6
PSYC247	Statistics and Measurement 1	Autumn	6
POP204	Epidemiology	Spring	6
POP221	Behaviour Change for Population Health	Spring	6
PSYC236	Cognition and Perception	Spring	6
PSYC241	Developmental and Social Psychology	Spring	6
<i>Note: Psychology Honours also requires that PSYC248 Statistics and Measurement 2 be taken.</i>			
300 level			
POP301	Project and Program Design, Management and Evaluation	Not on offer in 2004	8
POP302	Analysis and Interpretation of Evidence	Not on offer in 2004	8
POP332	Population Health Project B	Not on offer in 2004	8
PSYC315	Psychology of Abnormality	Spring	8

And 2 electives, including at least one from Group A

Group A			
PSYC317	Current Issues in Learning and Judgement	Autumn	8
PSYC345	Memory and Language	Autumn	8
PSYC349	Visual Perception	Autumn	8
PSYC352	Psychophysiology	Spring	8
Group B			
PSYC347	Assessment and Intervention	Autumn	8
PSYC350	Social Behaviour and Individual Differences	Autumn	8
PSYC318	Change throughout the life span	Spring	8
PSYC348	History and Metatheory of Psychology	Spring	8

Note: Students wishing to take Psychology Honours should consult the information on Honours listed under the single Major, Psychology, to ensure they complete the required subjects.

Other Information

Subjects to the value of at least 90 credit points must be selected from the Health and Behavioural Sciences or Science Schedules. Subjects to the value of 144 credit points are required for the degree.

Population Health And Statistics UAC Code 757648

The double major in Population Health and Statistics enables students to pursue two options for their career or further study. The combination of majors is particularly relevant for students who may wish to work in the area of health surveillance, survey work, research or health services planning. This combination of study areas is unique to the University of Wollongong and reflects an area of high demand in the population health field.

Entry Requirements / Assumed Knowledge

Domestic School Leavers are assumed to have completed at least 2 units of English at HSC level. International students are required to have achieved an IELTS score of 6.0 with at least 6.0 in reading and writing, and at least 5.0 in listening and speaking. Alternative pathways exist for mature age domestic students.

Students should consult the information in the Informatics Faculty Handbook concerning Assumed Knowledge and Recommended Studies for entry into the Statistics major.

Double Major

The double major in Population Health and Statistics consists of a minimum of 144 credit points, which comprises all of the subjects in each of the individual majors. If students wish to undertake honours in statistics at the end of the double major degree, additional subjects are required.

Course Program

Subjects		Session	Credit Points
100 level			
ABST150	Introduction to Aboriginal Australia	Autumn	6
BMS103	Human Growth, Nutrition and Exercise	Autumn	6
MATH187	Mathematics 1A Part 1	Autumn	6
POP103	Introduction to Health Behaviour Change	Spring	6
STAT131	Understanding Variation and Uncertainty	Autumn	6
POP101	Population Health - current health issues and their determinants	Spring	6
<i>Plus one elective</i>			
200 level			
POP201	Contemporary Population Health Issues	Autumn	6
POP202	Promoting Healthy Lifestyles	Autumn	6
STAT231	Probability and Random Variables	Autumn	6
POP203	Health Policy	Spring	6
POP204	Epidemiology	Spring	6
STAT232	Estimation and Hypothesis Testing	Spring	6
<i>And at least one 200-level MATH subject (MATH201, MATH202, MATH203, MATH204, MATH212, MATH222, MATH291, MATH292, MATH293 or MATH294)</i>			
300 level			
POP301	Project and Program Design, Management and Evaluation	Not on offer 2004	8
POP302	Analysis and Interpretation of Evidence	Not on offer 2004	8
POP332	Population Health Project B	Not on offer 2004	8
STAT333	Statistical Inference and Multivariate Analysis	Autumn	6
STAT304	Operations Research and Applied Probability	Spring	6
STAT332	Multiple Regression and Time Series	Spring	6
<i>and</i>			
STAT335	Sample Surveys and Experimental Design	Autumn	6
<i>or</i>			
STAT355	Sample Surveys and Experimental Design (with project)	Autumn	8

Psychology UAC Code 757651

Psychology is the scientific study of human behaviour and experience, the physiological, sensory and cognitive processes that underlie it, and the profession that applies this knowledge to practical problems. Psychologists help us to understand who we are and how we think, feel, act and change. They aim to help people function better, and to prevent ill-health and other problems developing. Psychologists' clients include children, adults, couples, families and organisations.

Entry Requirements / Assumed Knowledge

Domestic school leavers are assumed to have completed at least 2 units of English at HSC level. International students are required to have achieved an IELTS score of 6.0 with at least 6.0 in reading and writing, and at least 5.0 in listening and speaking. All domestic applicants normally apply through the Universities Admission Centre (UAC). Higher School Certificate students will automatically receive a guide and application form from UAC. For HSC students, admission is based on the University Admissions Index (UAI) calculated from HSC results. It is not possible to estimate the UAI cut-off in advance as marks fluctuate from year to year depending on the number and standard of applicants. Alternative pathways exist for mature age domestic students.

Major Study

Students of the BSc will complete the program of study outlined below for a major in Psychology. Additional subjects should be taken in line with the degree requirements to complete the degree.

Double Majors

Students may undertake a double major in:

Population Health and Psychology
Psychology and Biology
Psychology and Exercise Science
Psychology and Nutrition

Honours

Honours in Psychology is a fourth year of study accredited by the Australian Psychological Society (APS). It is offered on a one year full-time or two year part-time basis. Psychology Honours is a route to the Postgraduate coursework or research degrees in Psychology. It is also a partial qualification for registration as a Psychologist with the Psychologist's Registration Board of New South Wales, a post degree supervision period also being required. Graduates of the University of Wollongong with a major in Psychology are eligible for admission to Psychology Honours provided that: they have completed an undergraduate degree curriculum with a major in psychology; they have completed PSYC348 History and Metatheory of Psychology and PSYC354 Design and Analysis (and thus any 200- level prerequisites for PSYC354); they have completed at least 76 credit points of Psychology subjects at 200- and 300- levels; they have at least a credit average for Psychology subjects at 200- and 300- levels.

Professional Recognition

To apply for registration as a professional psychologist with the Psychologists Registration Board of NSW it is necessary to complete an accredited 4-year course of study plus 2 years supervised practice. Accreditation with the Australian Psychological Society, the national professional association, requires 6 years of approved academic study.

Course Program

Subjects [by year]	Session	Credit Points
PSYC121 Foundations in Psychology A	Autumn	6
PSYC122 Foundations in Psychology B	Spring	6
PSYC123 Theory, Design and Statistics in Psychology	Spring	6
PSYC247 Statistics and Measurement 1	Autumn	6
PSYC231 Personality	Autumn	6
PSYC241 Developmental and Social Psychology	Spring	6
PSYC234 Biological Psychology and Learning	Autumn	6
PSYC236 Cognition and Perception	Spring	6
PSYC315 Psychology of Abnormality	Spring	8
<i>And two electives, of which there must be at least one of the following:</i>		
PSYC317 Current Issues in Learning and Judgement	Autumn	8
PSYC345 Memory and Language	Autumn	8
PSYC349 Visual Perception	Spring	8
PSYC352 Psychophysiology	Spring	8
<i>And may include</i>		
PSYC347 Assessment and Intervention	Autumn	8
PSYC350 Social Behaviour and Individual Differences	Autumn	8
PSYC318 Change Throughout the Lifespan	Spring	8

PSYC348	History and Metatheory of Psychology	Spring	8
PSYC354	Design and Analysis	Spring	8

Other Information

Subjects to the value of at least 90 credit points must be selected from the Health and Behavioural Sciences or Science Schedules. Subjects to the value of 144 credit points are required for the degree.

Psychology and Biology

To complete requirements for the double major in Psychology and Biology, students are required to complete a minimum of 150 credit points of subjects, as outlined in the schedule below.

Entry Requirements / Assumed Knowledge

Domestic school leavers are assumed to have completed at least 2 units of English at HSC level and 4 units of Science and/or Maths. International students are required to have achieved an IELTS score of 6.0 with at least 6.0 in reading and writing, and at least 5.0 in listening and speaking. Alternative pathways exist for mature age domestic students.

Honours

Students must complete additional Psychology subjects if they wish to undertake Honours in Psychology. Students should consult the information under Honours in the entry on the Psychology major.

Professional Recognition

To apply for registration as a professional psychologist with the Psychologists Registration Board of NSW it is necessary to complete an accredited 4 year course of study plus 2 years supervised practice. Accreditation with the Australian Psychological Society, the national professional association, requires 6 years of approved academic study.

Course Program

Subjects	Session	Credit Points	
Year 1			
PSYC121	Foundations in Psychology A	Autumn	6
CHEM101	Chemistry 1A: Introductory Physical & General Chemistry (or CHEM104)	Autumn	6
PSYC122	Foundations in Psychology B	Spring	6
PSYC123	Theory, Design and Statistics in Psychology	Spring	6
BIOL103	Molecules, Cells and Organisms	Spring	6
BIOL104	Evolution, biodiversity and Environment	Autumn	6
CHEM102	Chemistry 1B: Introductory Organic & Physical Chemistry (or CHEM105)	Spring	6
<i>Elective subject</i>		Autumn	6
Year 2			
PSYC247	Statistics and Measurement 1	Autumn	6
PSYC231	Personality	Autumn	6
PSYC234	Biological Psychology and Learning	Autumn	6
PSYC236	Cognition and Perception	Spring	6
PSYC241	Developmental and Social Psychology	Spring	6
<i>Plus 4 subjects (24 credit points) from the following:</i>			
BIOL213	Principles of Biochemistry	Autumn	6
BIOL214	The Biochemistry of Energy and Metabolism	Spring	6
BIOL215	Introductory Genetics	Spring	6
BIOL240	Functional Biology of Plants and Animals	Autumn	6
BIOL241	Biodiversity: Classification and Sampling	Spring	6
BIOL251	Principles of Ecology and Evolution	Autumn	6
MARE200	Introduction to Oceanography	Autumn	6
Year 3			
PSYC315	Psychology of Abnormality	Spring	8
<i>At least one of the following:</i>			
PSYC318	Change Throughout the Lifespan	Spring	8
PSYC347	Assessment and Intervention	Autumn	8
PSYC348	History and Metatheory of Psychology	Spring	8
PSYC350	Social Behaviour and Individual Differences	Autumn	8
<i>And at least one of the following</i>			
PSYC317	Current Issues in Learning and Judgement	Autumn	8
PSYC345	Memory and Language	Autumn	8
PSYC349	Visual Perception	Spring	8
PSYC352	Psychophysiology	Spring	8
<i>And may include:</i>			
PSYC354	Design and Analysis	Spring	8
<i>Plus three subjects (24 credit points) from the following:</i>			
BIOL303	Biotechnology: Applied Cell & Molecular Biology	Autumn	8
BIOL320	Molecular Cell Biology	Autumn	8

Course Information

BIOL321	Cellular and Molecular Immunology	Spring	8
BIOL351	Conservation Biology: Marine and Terrestrial Populations	Autumn	8
BIOL355	Marine and Terrestrial Ecology	Spring	8
BIOL391	Advanced Biology	Autumn, Spring, Summer	8
BIOL392	Advanced Biology Project	Autumn, Spring, Summer	8
CHEM320	Bioinformatics: From Genome to Structure	Spring	8

Other Information

Students are advised to consult an academic adviser in each discipline about subject selection. Students intending to qualify for an Honours year in Psychology should complete the extra subjects required. Consult the information on Honours under Bachelor of Science (Psychology).

Psychology and Exercise Science

The Psychology and Exercise Science major gives students an opportunity to broaden their expertise, adding a relevant second major to their core focus in either Psychology or Nutrition. The degree requires a minimum of 3 years of full time study and the completion of at least 158 credit points. They may then pursue further studies in the areas of Psychology, Health Psychology, or relate their knowledge of Psychology to further study in areas such as Dietetics, Nutrition, and Health Promotion.

Entry Requirements / Assumed Knowledge

Domestic school leavers are assumed to have completed at least 2 units of English at HSC level and 4 units of Science and/or Maths. International students are required to have achieved an IELTS score of 6.0 with at least 6.0 in reading and writing, and at least 5.0 in listening and speaking. Alternative pathways exist for mature age domestic students.

Honours

Students may consider Honours in either Psychology or Exercise Science. Students should consult the information on Honours under the Bachelor of Science.

Professional Recognition

The double major is designed to meet the requirements for entry into Year 4 of the Psychology program within the Department of Psychology, and the Honours program in the Department of Biomedical Science.

Course Program

Subjects	Session	Credit Points	
Year 1			
BMS101	Systemic Anatomy	Autumn	6
BMS103	Human Growth, Nutrition and Exercise	Autumn	6
CHEM101	Chemistry 1A: Introductory Physical & General Chemistry (or CHEM104)	Autumn	6
PSYC121	Foundations of Psychology A	Autumn	6
BMS112	Human Physiology: Principles and Systems	Spring	6
BIOL103	Molecules, Cells and Organisms	Spring	6
PSYC122	Foundations of Psychology B	Spring	6
PSYC123	Theory, Design and Statistics in Psychology	Spring	6
Year 2			
BMS202	Human Physiology II: Control Mechanisms	Autumn	6
BMS203	Musculoskeletal Functional Anatomy	Autumn	6
BMS211	Foundations of Biomechanics	Autumn	6
PSYC247	Statistics and Measurement 1	Autumn	6
PSYC231	Personality	Autumn	6
PSYC234	Biological Psychology and Learning	Autumn	6
BMS242	Exercise Physiology	Spring	6
PSYC241	Developmental and Social Psychology	Spring	6
PSYC236	Cognition and Perception	Spring	6
Year 3			
BMS342	Advanced Exercise Physiology	Autumn	8
BEXS352	Exercise Prescription 2: Aerobic Fitness	Autumn	8
BEXS351	Exercise Prescription 1: Strength and Conditioning	Spring	8
PSYC315	Psychology of Abnormality	Spring	8
<i>At least one of the following:</i>			
PSYC318	Change Throughout the Lifespan	Spring	8
PSYC347	Assessment and Intervention	Autumn	8
PSYC348	History and Metatheory of Psychology	Spring	8
PSYC350	Social Behaviour and Individual Differences	Autumn	8
<i>And at least one of the following:</i>			
PSYC317	Current Issues in Learning and Judgement	Autumn	8

PSYC345	Memory and Language	Autumn	8
PSYC349	Visual Perception	Spring	8
PSYC352	Psychophysiology	Spring	8
<i>And may include:</i>			
PSYC354	Design and Analysis	Spring	8

Students should consult an academic adviser in each program about appropriate sequencing of subjects.

Other Information

Students intending to qualify for an Honours year in Psychology should complete the extra subjects required. Consult the information on Honours under Bachelor of Science (Psychology).

Psychology and Nutrition

This degree is designed to meet the requirements for entry into Year 4 of the Psychology or the Honours program within the Department of Biomedical Science.

Entry Requirements / Assumed Knowledge

Domestic school leavers are assumed to have completed at least 2 units of English at HSC level and 4 units of Science and/or Maths. International students are required to have achieved an IELTS score of 6.0 with at least 6.0 in reading and writing, and at least 5.0 in listening and speaking. Alternative pathways exist for mature age domestic students.

Honours

Students intending to undertake Honours in Psychology should complete the extra subjects required and should consult the information on Honours listed under the Bachelor of Science (Psychology) major.

Course Program

Subjects		Session	Credit Points
Year 1			
BMS101	Systemic Anatomy	Autumn	6
BMS103	Human Growth, Nutrition and Exercise	Autumn	6
CHEM101	Chemistry 1A: Introductory Physical & General Chemistry (or CHEM104)	Autumn	6
PSYC121	Foundations of Psychology A	Autumn	6
BMS112	Human Physiology: Principles and Systems	Spring	6
BIOL103	Molecules, Cells and Organisms	Spring	6
PSYC122	Foundations of Psychology B	Spring	6
PSYC123	Theory, Design and Statistics in Psychology	Spring	6
Year 2			
BMS202	Human Physiology II: Control Mechanisms	Autumn	6
BIOL213	Principles of Biochemistry	Autumn	6
CHEM215	Food Chemistry	Autumn	6
PSYC247	Statistics and Measurement 1	Autumn	6
PSYC231	Personality	Autumn	6
PSYC234	Biological Psychology and Learning	Autumn	6
BIOL214	Metabolic Biochemistry	Spring	6
PSYC241	Developmental and Social Psychology	Spring	6
PSYC236	Cognition and Perception	Spring	6
<i>Further elective:</i>			
PSYC235	Introduction to Psychological Assessment	Spring	6
Year 3			
BMS311	Nutrients and Metabolism	Autumn	8
BMS310	Community and Public Health Nutrition	Autumn	8
BMS312	Research in Human Nutrition	Autumn	8
<i>Plus three 8 credit point electives which must include at least one subject from each of the following groups:</i>			
PSYC315	Psychology of Abnormality	Spring	8
<i>At least one of the following:</i>			
PSYC318	Change Throughout the Lifespan	Spring	8
PSYC347	Assessment and Intervention	Autumn	8
PSYC348	History and Metatheory of Psychology	Spring	8
PSYC350	Social Behaviour and Individual Differences	Autumn	8
<i>And at least one of the following:</i>			
PSYC317	Current Issues in Learning and Judgement	Autumn	8
PSYC345	Memory and Language	Autumn	8
PSYC349	Visual Perception	Spring	8
PSYC352	Psychophysiology	Spring	8
<i>And may include</i>			
PSYC354	Design and Analysis	Spring	8

Other Information

Students should consult an academic adviser in each program about appropriate sequencing of subjects. Students intending to qualify for an Honours year in Psychology should complete the extra subjects required. Consult the information on Honours under Bachelor of Science (Psychology).

Bachelor of Science (Nutrition) TAFE Certificate IV in Hospitality (Catering Operations)

Testamur Title of Degree:	Bachelor of Science (Nutrition), TAFE Certificate IV in Hospitality (Catering Operations)
Abbreviation:	BSc(Nutr), TAFE Certificate IV in Hospitality
Home Faculty:	Health and Behavioural Sciences
Duration:	4 years full-time
Total Credit Points:	124 cp UOW; 764 hr TAFE
Delivery Mode:	Day
Starting Session(s):	Autumn
Standard Course Fee:	HECS (Local); International \$7,950 per session
Location:	Wollongong
UOW Course Code:	749
UAC Code:	757645
CRICOS Code:	Not applicable

Overview

The Bachelor of Science (Nutrition)/TAFE Certificate IV in Hospitality (Catering Operations) combined program provides a sound training in nutritional science and its applications to human nutrition, as well as practical food service management skills.

Entry Requirements / Assumed Knowledge

Domestic school leavers are assumed to have completed any two units of English, plus four units of Science and/or Maths. Recommended Studies: English Advanced. International students are required to have achieved an IELTS score of 6, with a level of 6 in reading and writing, and 5 in speaking and listening.

Course Requirements

The Bachelor of Science (Nutrition)/TAFE Certificate IV in Hospitality (Catering Operations) combined program requires students to undertake 4 years of full-time study and the completion of at least 124 credit points from the University of Wollongong, and 764 hours at TAFE

Honours

See entry under Bachelor of Science

Professional Recognition

Graduates would be eligible to be members of the Institute of Hospitality and Healthcare.

Course Program

Subjects	Session	Credit Points
Year 1		
BMS101 Systemic Anatomy	Autumn	6
CHEM101 Chemistry 1A: Introductory Physical & General Chemistry (or CHEM104)	Autumn	6
PSYC101 Introduction to Behavioural Science	Autumn	6
or		
SOC103 Sociology A: Aspects of Australian Society	Autumn	6
BMS103 Human Growth, Nutrition and Exercise	Autumn	6
BMS112 Human Physiology 1: Principles and Systems	Spring	6
BIOL103 Molecules, Cells and Organisms	Spring	6
CHEM102 Chemistry 1B: Introductory Organic and Physical Chemistry (or CHEM105)	Spring	6
<i>4500H Hygiene</i>		<i>18 hr</i>
<i>4501M Food Safety Systems</i>		<i>18 hr</i>
<i>4781C Food Service Systems</i>		<i>36 hr</i>

Year 2			
BMS202	Human Physiology II: Control Mechanisms	Autumn	6
BIOL213	Principles of Biochemistry	Autumn	6
CHEM215	Food Chemistry	Autumn	6
MGMT102	Business Communications	Autumn	6
BIOL214	The Biochemistry of Energy and Metabolism	Spring	6
POP222	Current Issues in Food and Nutrition	Spring	6
STAT252	Statistics for the Natural Sciences	Spring	6
4500B	<i>Food Preparation and Service</i>		36 hr
4565A	<i>Practical Catering 1</i>		84 hr
Year 3			
BMS310	Community and Public Health Nutrition	Autumn	8
BMS311	Nutrients and Metabolism	Autumn	8
4565G	<i>Food Service in Practice</i>		90 hr
PHIL380	Bioethics	Spring	8
2642B	<i>Supervision</i>		36 hr
4567A	<i>Catering Supervision in Practice</i>		90 hr
2643D	<i>Staffing Hospitality</i>		27 hr
4571A	<i>Hospitality Colleagues and Customers</i>		24 hr
4571B	<i>Hospitality Industry</i>		18 hr
Year 4			
BMS312	Research in Human Nutrition	Autumn	8
4566A	<i>Practical Catering 2A - Community</i>		36 hrs
4565D	<i>Cook-Chill Catering</i>		27 hr
4501D	<i>Food Service Settings - Aged Care</i>		18 hr
4564A	<i>Catering Commodities</i>		18 hr
6639C	<i>Quality Management in Nutrition Services</i>		18hr
6639A	<i>Administration-Health Care Facilities</i>		36 hr
BMS304	Research Topics in Nutrition and Dietetics	Spring	16
5779F	<i>Food Presentation</i>		10 hr
6634B	<i>Food Service Planning</i>		36 hr
6635A	<i>Australian Cuisine</i>		54 hr
4501K	<i>Work Experience</i>		34 hr

Other Information

Students are advised to consult the course coordinator about subject selection and enrolment in the TAFE component.

Double Degrees

Bachelor of Medical Science - Bachelor of Commerce

Bachelor of Psychology - Bachelor of Commerce

Bachelor of Science (Exercise Science) - Bachelor of Commerce

Bachelor of Science (Nutrition) - Bachelor of Commerce

Bachelor of Science (Psychology) - Bachelor of Commerce

Bachelor of Science - Bachelor of Laws (Health and Behavioural Sciences Major)

Bachelor of Medical Science - Bachelor of Laws

Students may combine their Health and Behavioural Sciences studies with studies in a number of other faculties and qualify for the award of two degrees. Double degrees are designed for students to complete two degrees in less time than it would normally take. Double degrees are offered with Commerce and Law, and may be available with other faculties after consultation with the Sub-Deans.

- Students must seek advice and approval from both faculties.
- Candidates must satisfy the entry requirements of both degree programs.
- Double degrees, where both degrees are normally of three years duration will be a minimum of 216 credit points and take a minimum of four years to complete.
- Double degrees, where one of the degrees is normally of four years duration will be a minimum of 264 credit points and take a minimum of five years to complete.
- Students may be given exemptions where equivalences exist between subjects.

For all double degrees, candidates are required to complete subjects from the Health and Behavioural Sciences schedule, including core subjects and subjects to satisfy the requirements of one of the Health and Behavioural Sciences majors or degrees. Candidates should be aware that the number of credit points required by each major varies.

Candidates must also satisfy the requirements for the second degree, which would usually include a major study.

Additional Information

Criminal Record Checks

As part of the 'whole of government' approach to child protection, the NSW Department of Health requires all students in health related courses to undergo a criminal record check. The criminal record check shall be completed before a student can attend any clinical placement in a Public Health facility. Students need to give their consent to such a check and will submit a signed consent form through their university. Consent forms are available from universities. Checks are done through the NSW Police Service and coordinated by the Department of Health. At present there is no cost to either the student or university for this service. When the check is completed the student will be issued with a Clearance Letter, which has to be produced whenever they attend a clinical placement. The Letter must not be photocopied or duplicated in any way. Lost, mislaid or mutilated Clearance Letters are replaced on application from the student with payment of a fee. If a student receives a positive result from the check it will not necessarily exclude them from a clinical placement. Each situation will be individually assessed in a confidential consultation between the student and a representative of the Department of health.

An additional requirement came into effect with new child protection legislation enacted in July 2000. The university will provide another form to the student called the Prohibited Employment Declaration. The Declaration must also be completed before any clinical placement. The completed and signed declaration is returned to the university and will be held by us. The Health Department does not issue or administer this form.

Infectious diseases

Students required to complete clinical training in the NSW hospital system will be subject to various guidelines and procedures laid down for health workers by the NSW Department of Health, including guidelines regarding infectious diseases. In the hospital system, you will be exposed to a large number and variety of individuals, some of whom may have a communicable disease such as tuberculosis, measles, mumps, rubella, diphtheria, poliomyelitis, HIV or Hepatitis B. This may place you at risk of acquiring one of these diseases. In other cases, if you have a communicable disease, you may place your clients at risk.

For your protection, and for the protection of your potential clients, you are recommended to have vaccinations before you begin clinical work. Evidence of your vaccination status may be required by certain clinical placements/agencies before attendance. If your vaccinations are incomplete, opportunities for placement may be limited and your progress in the course could be affected. Some categories of health care workers - nurses, doctors, dentists, dental technicians, podiatrists and physiotherapists - also have regulated individual responsibility with regard to infection control. You should familiarise yourself with these responsibilities.

Health care workers who are either HIV antibody positive or Hepatitis B e-antigen or Hepatitis B DNA positive or Hepatitis C PCR positive must not perform exposure prone procedures. Expert medical advice should be obtained by infected people on their infectious status and the extent to which this may limit their clinical practice.