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# 2019 Undergraduate Courses

Home



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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## 2019 Undergraduate Course Handbook

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## C

- Bachelor of Commerce
- Bachelor of Commerce (Dean's Scholar)
- Bachelor of Commerce (Honours)
- Bachelor of Commerce - Bachelor of Laws
- Bachelor of Commerce - Bachelor of Laws (Honours) (Graduate Entry)
- Bachelor of Commerce - TAFE Advanced Diploma
- Bachelor of Commerce Global (Honours)
- Bachelor of Commerce Global - Bachelor of Laws (Honours)
- Bachelor of Commerce Global - Bachelor of Laws
- Bachelor of Communication and Media
- Bachelor of Communication and Media (Dean's Scholar)
- Bachelor of Communication and Media (Honours)
- Bachelor of Communication and Media - Bachelor of Commerce
- Bachelor of Communication and Media - Bachelor of Computer Science
- Bachelor of Communication and Media - Bachelor of Economics and Finance
- Bachelor of Communication and Media - Bachelor of International Studies
- Bachelor of Communication and Media - Bachelor of International Studies (Dean's Scholar)
- Bachelor of Communication and Media - Bachelor of Laws
- Bachelor of Communication and Media - Bachelor of Laws (Honours) (Graduate Entry)
- Bachelor of Communication and Media - Bachelor of Science
- Bachelor of Computer Science
- Bachelor of Computer Science (Dean's Scholar)
- Bachelor of Computer Science (Honours)
- Bachelor of Computer Science - Bachelor of Laws
- Bachelor of Computer Science - Bachelor of Science
- Bachelor of Computer Science Global (Honours)
- Bachelor of Conservation Biology (Honours)
- Bachelor of Conservation Biology (Honours) (Dean's Scholar)
- Bachelor of Creative Arts
- Bachelor of Creative Arts (Dean's Scholar)
- Bachelor of Creative Arts (Honours)
- Bachelor of Creative Arts - Bachelor of Arts
- Bachelor of Creative Arts - Bachelor of Commerce
- Bachelor of Creative Arts - Bachelor of Communication and Media
- Bachelor of Creative Arts - Bachelor of Computer Science
- Bachelor of Creative Arts - Bachelor of International Studies
- Bachelor of Creative Arts - Bachelor of Journalism
- Bachelor of Creative Arts - Bachelor of Laws
- Bachelor of Creative Arts - Bachelor of Science

## **E**

- Bachelor of Economics and Finance
- Bachelor of Economics and Finance - Bachelor of Laws
- Bachelor of Education - The Early Years
- Bachelor of Education - The Early Years (Dean's Scholar)
- Bachelor of Education - The Early Years (Honours)
- Bachelor of Education Studies
- Bachelor of Engineering (Honours)
- Bachelor of Engineering (Honours) (Scholar)
- Bachelor of Engineering (Honours) - Bachelor of Arts
- Bachelor of Engineering (Honours) - Bachelor of Commerce
- Bachelor of Engineering (Honours) - Bachelor of Computer Science
- Bachelor of Engineering (Honours) - Bachelor of Exercise Science
- Bachelor of Engineering (Honours) - Bachelor of Laws
- Bachelor of Engineering (Honours) - Bachelor of Mathematics
- Bachelor of Engineering (Honours) - Bachelor of Science
- Bachelor of Engineering (Honours) - Bachelor of Science (Physics)
- Bachelor of Environmental Science (Honours)
- Bachelor of Environmental Science (Honours) (Dean's Scholar)
- Bachelor of Exercise Science
- Bachelor of Exercise Science and Rehabilitation

## **G**

- Bachelor of Geography

## **H**

- Bachelor of Health and Physical Education
- Bachelor of Health and Physical Education (Dean's Scholar)
- Bachelor of Health and Physical Education (Honours)
- Bachelor of Health Science (Indigenous Health)

## **I**

- Bachelor of Information Technology
- Bachelor of Information Technology (Dean's Scholar)
- Bachelor of Information Technology (Honours)
- Bachelor of Information Technology - Bachelor of Laws
- Bachelor of Information Technology International
- Bachelor of International Studies
- Bachelor of International Studies (Dean's Scholar)
- Bachelor of International Studies (Honours)
- Bachelor of International Studies - Bachelor of Commerce
- Bachelor of International Studies - Bachelor of Economics and Finance
- Bachelor of International Studies - Bachelor of Laws
- Bachelor of International Studies - Bachelor of Laws (Honours)

## **J**

- Bachelor of Journalism

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- Bachelor of Journalism - Bachelor of Arts
- Bachelor of Journalism - Bachelor of Commerce
- Bachelor of Journalism - Bachelor of Communication and Media
- Bachelor of Journalism - Bachelor of Engineering (Honours)
- Bachelor of Journalism - Bachelor of International Studies
- Bachelor of Journalism - Bachelor of Laws
- Bachelor of Journalism - Bachelor of Science

## **L**

- Diploma in Languages
- Bachelor of Laws (Direct Entry)
- Bachelor of Laws (Graduate Entry)
- Bachelor of Laws (Honours) (3 years)
- Bachelor of Laws (Honours) (Direct Entry)
- Bachelor of Laws (Honours) (Graduate Entry) (1 year)

## **M**

- Bachelor of Marine Science
- Bachelor of Marine Science (Honours)
- Bachelor of Marine Science (Honours) (Dean's Scholar)
- Bachelor of Mathematics
- Bachelor of Mathematics (Honours)
- Bachelor of Mathematics - Bachelor of Computer Science
- Bachelor of Mathematics - Bachelor of Laws
- Bachelor of Mathematics - Bachelor of Science (Physics)
- Bachelor of Mathematics Advanced
- Bachelor of Mathematics Advanced (Honours)
- Bachelor of Mathematics and Finance (Honours)
- Bachelor of Mathematics and Finance (Honours) (Dean's Scholar)
- Bachelor of Mathematics Education
- Bachelor of Mathematics Education (Dean's Scholar)
- Bachelor of Medical and Health Sciences
- Bachelor of Medical and Health Sciences (Honours)
- Bachelor of Medical and Health Sciences (Honours) (Dean's Scholar)
- Bachelor of Medical and Radiation Physics
- Bachelor of Medical and Radiation Physics Advanced (Honours)
- Bachelor of Medical Biotechnology (Honours)
- Bachelor of Medical Biotechnology (Honours) (Dean's Scholar)
- Bachelor of Medical Mathematics
- Bachelor of Medical Mathematics (Dean's Scholar)
- Bachelor of Medical Mathematics (Honours)
- Bachelor of Medicinal Chemistry (Honours)
- Bachelor of Medicinal Chemistry (Honours) (Dean's Scholar)
- Bachelor of Medicine Bachelor of Surgery (Honours)

## **N**

- Bachelor of Nursing

- Bachelor of Nursing (Conversion)
- Bachelor of Nursing (Honours)
- Bachelor of Nutrition and Dietetics (Honours)
- Bachelor of Nutrition and Dietetics (Honours) (Dean's Scholar)
- Bachelor of Nutrition Science

## **P**

- Bachelor of Performance
- Bachelor of Performance (Dean's Scholar)
- Bachelor of Politics, Philosophy & Economics
- Bachelor of Politics, Philosophy & Economics (Dean's Scholar)
- Bachelor of Politics, Philosophy and Economics (Honours)
- Bachelor of Politics, Philosophy and Economics – Bachelor of Laws
- Bachelor of Pre-Medicine, Science and Health
- Bachelor of Primary Education
- Bachelor of Primary Education (Dean's Scholar)
- Bachelor of Primary Education (Honours)
- Bachelor of Psychological Science
- Bachelor of Psychological Science (Honours)
- Bachelor of Psychological Science - Bachelor of Commerce
- Bachelor of Psychological Science - Bachelor of Laws
- Bachelor of Psychological Science - Bachelor of Social Science
- Bachelor of Psychology (Honours)
- Bachelor of Psychology (Honours) - Bachelor of Commerce
- Bachelor of Public Health
- Bachelor of Public Health (Dean's Scholar)
- Bachelor of Public Health (Honours)
- Bachelor of Public Health Nutrition (Honours)

## **R**

- Bachelor of Research

## **S**

- Bachelor of Science
- Bachelor of Science (Honours)
- Bachelor of Science (Honours) (Dean's Scholar)
- Bachelor of Science - Bachelor of Arts
- Bachelor of Science - Bachelor of Commerce
- Bachelor of Science - Bachelor of Laws
- Bachelor of Science Advanced (Honours)
- Bachelor of Science Education
- Bachelor of Science Education (Dean's Scholar)
- Bachelor of Social Science
- Bachelor of Social Science (Dean's Scholar)
- Bachelor of Social Science (Honours)
- Bachelor of Social Work
- Bachelor of Social Work (Honours)

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# 2019 Undergraduate Courses

Home

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## Bachelor of Arts Options | 2019

The University of Wollongong offers different options for students wishing to study a Bachelor of Arts degree.

### Faculty of Law, Humanities and the Arts

#### **Bachelor of Arts - Wollongong Campus**

For students wishing to study a major from the Faculty of Law, Humanities and the Arts at the Wollongong Campus.

Course Code: 702

#### **Bachelor of Arts - Regional Campuses**

For students wishing to study a major from the Faculty of Law, Humanities and the Arts at Batemans Bay, Bega, Shoalhaven or Southern Highlands.

Course Code: BB702, BE702, SH702, MV702

### Faculty of Social Sciences

#### **Bachelor of Arts (Psychology)**

For students wishing to study a major in Psychology from the Faculty of Social Sciences.

Course Code: 708

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## Bachelor of Arts (Dean's Scholar) | 2019

Testamur Title of Degree:	Bachelor of Arts (Dean's Scholar)
Abbreviation:	BA(Dean'sSchol)
UOW Course Code:	702_2
CRICOS Code:	081889E
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn/Spring (Students eligible for credit transfer may begin in Summer session if appropriate subjects are available)
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 753105

## Overview

If you are a high-achieving and motivated student, the Dean's Scholar program will give you an enriched educational experience. Dean's scholars are supported by a member of academic staff to advise you on matters concerned with your degree, as well as an annual book allowance, and designated study space. You will produce a major self-directed research project as a capstone for your degree in the final year of study.

A Bachelor of Arts degree is one of the most popular degrees at University. Students who are passionate and curious about humanity and society enjoy the breadth and flexibility of the Bachelor of Arts degree. This degree will allow you to hone your skills of analysis and interpretation, and your ability to synthesise complex ideas; skills that are essential to practical problem solving and highly valuable to a wide range of employers. Every real-world problem today has a cultural and social dimension that can be understood using the skills you will gain doing a Bachelor of Arts degree, whichever major you choose.

The Bachelor of Arts (Dean's Scholar) degree will teach you new perspectives on approaching ideas and problems. Many of the skills learned are generic so that they are applicable in a vast range of careers and provide a broad-based education with a capacity for lifelong learning. However, you will also be challenged to develop expertise in one area.

## Dean's Scholar Degrees

Dean's Scholars have the opportunity to attempt subjects not normally available to first-year students. They may be granted exemption from certain first-year subjects and may be permitted extended subject loads, enabling them to complete the degree in less than the normal time and enter Honours in their third year.

Dean's Scholar students benefit from:

- Access to shared study and workspace;
- Yearly text book/resource allowance for full time students;
- Limited printing privileges;
- Specialised subject [LHA 102](#) Dean's Scholars Seminar;
- Opportunities to attend academic and higher degree research workshops and seminars.
- On successful completion of this degree, students will be guaranteed admission to Honours.

Dean's Scholars are able to use the University's student exchange program to undertake a period of study overseas. Several Dean's Scholars have competed successfully for places in the Australian National Internship Program or the University Capitol Washington Internship Program, which

places students in political offices in Canberra or Washington D.C. respectively.

To remain in the program, students must maintain an average of 75% in each year of study. If the student's average falls below 75%, the student will be transferred into the Bachelor of Arts degree.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Evaluate complex issues and ideas about society and culture
2	Apply disciplinary knowledge in a variety of real-world professional contexts
3	Communicate concepts effectively to a range of audiences
4	Independently plan and execute a research or professional based project that demonstrates an understanding and critical analysis of the area of study.

All Bachelor of Arts (Dean's Scholar) students will be able to demonstrate these outcomes. Each major also has learning outcomes that are unique to that major, which are outlined on each handbook page.

## Course Structure

To qualify for award of the degree, the Bachelor of Arts (Dean's Scholar), a candidate must successfully complete at least 144 credit points comprised of the following:

1. [LHA 102](#) - Dean's Scholars Seminar (6 credit points);
2. At least one major study available in the Bachelor of Arts, outlined below (minimum 48 and maximum 60 credit points);
3. A second major study (minimum 48 credit points and maximum 60 credit points) OR, a minor study (minimum of 24 credit points) from within Law, Humanities, and The Arts;
4. Elective subjects offered to bring the total credit points completed to at

least 144.

Note:

- Average mark of 75% or better must be maintained.
- Not more than 60 credit points can be taken in 100-level subjects.
- At least 24 credit points of subjects completed at the 300-level within the major must be at a pass mark or better.

## Navigating the Bachelor of Arts (Dean's Scholar) Degree

You construct your Bachelor of Arts degree by selecting majors and minors. Many of the majors and minors reflect areas of study that will be familiar already (such as English, History, Politics) and some that may be less familiar (such as International Relations, Sociology and Environmental Humanities). Completing a major (or two) as part of your Bachelor of Arts degree will give you a set of skills that relate to the discipline you are studying (gaining expertise in History, for example) and also generic skills in critical thinking, analysis, cultural intelligence, and conceptual frameworks. Because you can do more than one major, it's a good idea to choose widely in your first year, before settling on a major/or majors in your second year. For those thinking of doing a double major + minor, popular combinations include:

- History and Ancient History/Archaeology and Science and Technology Studies
- English and Philosophy, and Language/Linguistics
- Sociology and International Relations and Gender Studies
- Indigenous Studies and Politics and Ethics
- Creative Writing and English and Cultural Studies
- Environmental Humanities and Philosophy and Art History

As long as you complete at least one major and one minor from the Bachelor of Arts, you can also take a major and/or minor from outside of the Bachelor of Arts degree. Popular majors from outside the Bachelor of Arts include: Criminology, Digital and Social Media, Economics, Global Screen Media, Global Sustainable Development, Human Geography, Journalism, Marketing, Communication and Advertising, Visual Communication Design, Global Sustainable Development, International Business, Economics, Human Resource Management, Management and Public Relations.

## Majors and Minors

For a list of the major and minor options available in the Bachelor of Arts (Dean's Scholar), please see the [Bachelor of Arts](#) Course Handbook page.

## Work Integrated Learning

Undertaking a work integrated learning experience during your university

education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

The [Faculty of Law, Humanities and the Arts internship program](#) provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Some Majors will have a specific internship subject available for students. Otherwise, students can consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Honours

Honours is a fourth year of study that provides training in independent research. Students who complete the single degree with the required academic standard are encouraged to proceed to the [Bachelor of Arts \(Honours\)](#). Please refer to the handbook page for further information about the degree and entry requirements.

## Other Information

To remain in the program, students must maintain an average of 75% in each year of study. If the student's average falls below 75%, the student will be transferred into the Bachelor of Arts degree.

For further information email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

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## Bachelor of Arts (Honours) | 2019

Testamur Title of Degree:	Bachelor of Arts (Honours)
Abbreviation:	BA(Hons)
UOW Course Code:	701
CRICOS Code:	000611F
Total Credit Points:	48
Duration:	1 year full-time or part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus:	Wollongong

## Overview

If you've enjoyed studying for your Bachelor of Arts degree, why not consider

an Honours year? This normally involves one additional year of study following the successful completion of a three-year undergraduate degree. Your Bachelor of Arts studies would have introduced you to a wide range of topics and issues, and an Honours project lets you explore one of these in much greater depth. Honours research topics are various and negotiable: if you are really interested in a topic and want to find answers, you'll be encouraged and supported to do so.

From a potential employer's perspective, whatever your topic, being able to demonstrate your ability to achieve a complex goal, meet deadlines, investigate independently, use resources effectively and write coherently will be highly regarded.

The Honours year has two functions at UOW; as an in-depth project at the end of undergraduate study, and as a bridge between undergraduate study and advanced research. Studying Honours will:

- Teach you research skills, navigation skills and how to use information systems (archives, the library, databases and electronic research networks)
- Provide an opportunity to articulate complex ideas in both verbal and written format
- Provide the experience of working closely with a supervisor on a project and preparing a major project to meet a deadline
- Experience in devising, researching and delivering an individual topic of study in an extended thesis of approx. 15,000 to 18,000 words

## Areas of Study

An Honours year in the Bachelor of Arts is available in the following areas:

- Creative Writing
- Community, Culture and Environment (Only available at Batemans Bay, Bega, Shoalhaven and Southern Highlands)
- English Literatures
- French
- History
- Indigenous Studies
- Interdisciplinary Honours
- Italian
- Japanese
- Philosophy
- Politics
- Science and Technology Studies
- Sociology
- Spanish
- Writing and English Literatures

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as



eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Independently plan and execute a research-based project or piece of scholarship that demonstrates in-depth understanding and critical analysis of areas in the Humanities
2	Demonstrate advanced theoretical knowledge and critically reflect on, synthesise and evaluate information, problems, concepts and theories.
3	Communicate a coherent and sustained argument, explaining and disseminating research results and conclusions.
4	Apply an advanced knowledge of research, research integrity, ethics and the rights and safety of others, to independently plan and execute a substantial piece of research.

## Course Structure

To qualify for award of the Bachelor of Arts (Honours), a candidate must successfully complete at least 48 credit points.

The Bachelor of Arts (Honours) consists of 50% coursework and 50% research work. The research component of this degree takes the form of a research thesis of between 15,000 and 18,000 words completed under the supervision of an academic.

### Full-time Study

Subject Code	Subject Name	Credit Points
<b>Both Subjects:</b>		
<a href="#">LHA 401</a>	The Writer: Critic, Analyst, Voice	12
<a href="#">LHA 480</a>	Thesis	24
<b>Plus one Discipline Specific Subject (depending on your area of study) from:</b>		

CCE 470	Community, Culture and Environment Honours*	12
ENGL470	Research in English	12
HIST470	Research in History	12
LANG470	Research Methods in Languages and Linguistics	12
PHIL470	Research Methods in Philosophy	12
PAIS470	Research in Politics and International Studies	12
SCTI470	Research in Critical Social Inquiry	12

## Part-time Study

Subject Code	Subject Name	Credit Points
<b>All Three Subjects:</b>		
LHA 401	The Writer: Critic, Analyst, Voice	12
LHA 482	Thesis (Part-time)	12
LHA 482	Thesis (Part-time)	12
<b>Plus one Discipline Specific Subject (depending on your area of study) from:</b>		
CCE 470	Community, Culture and Environment Honours*	12
ENGL470	Research in English	12
HIST470	Research in History	12
LANG470	Research Methods in Languages and Linguistics	12
PHIL470	Research Methods in Philosophy	12
PAIS470	Research in Politics and International Studies	12

SCTI470	Research in Critical Social Inquiry	12
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\*Only available at Batemans Bay, Bega, Shoalhaven and Southern Highlands

## Honours Guide and Code of Practice

The Faculty of Law, Humanities and the Arts Honours Guide provides detailed information on all Honours courses and can be accessed from the [LHA Honours Programs](#) page.

Students are advised to refer to the University's [Code of Practice - Honours](#).

## Grade of Honours

Honours Grades are calculated in accordance with the University's [General Course Rules](#).

## Other Information

For further information please email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 8 July, 2020

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## Bachelor of Arts (Psychology) | 2019

Testamur Title of Degree:	Bachelor of Arts
Abbreviation:	BA
UOW Course Code:	708
CRICOS Code:	012087M
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Social Sciences
Intake Session(s):	Autumn, Spring
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 753200

## Overview

Psychologists help us to understand who we are and how we think, feel and act. They aim to help people function better and to prevent ill-health and other problems developing. Clients include children, adults, couples, families and organisations.

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

Psychology can be usefully combined with most disciplines available in the Bachelor of Arts degree. The Faculty of Law, Humanities and the Arts offers a range of other subjects that you may wish to take as complementary to the study of Psychology. Arts allows for an integration of a wider range of methods for understanding the human experience.

Students with an excellent academic record may apply to transfer to the four-year [Bachelor of Psychology \(Honours\)](#) degree, or apply for entry to the [Bachelor of Psychological Science \(Honours\)](#) at the end of Year 3.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to:

CLO	Description
1	Demonstrate a broad and coherent knowledge of core topics in the discipline of psychology, their applications, and ethical behaviour in research and professional contexts.
2	Demonstrate a basic knowledge of research methods, including an evaluation of the characteristics of the science of psychology/scientific method.
3	Demonstrate an ability to apply research methods to address psychological questions related to behaviour and mental processes.
4	Write standard research reports and orally present information in various

	formats.
5	Exhibit a capacity for independent learning to sustain personal and professional development in the changing world of the science and practice of psychology.
6	Apply critical thinking skills and knowledge of scientific method to evaluate claims regarding psychological phenomena.
7	Use information in an ethical manner and apply knowledge of ethical and legislative requirements to determine appropriate ethical conduct in a range of contexts.
8	Develop a knowledge of the person and their relationship to society.

## Course Structure

The Bachelor of Arts (Psychology) requires the successful completion of 144 credit points as specified in the table below, comprising:

1. 78 credit points of core Psychology subjects; and
2. 6 credit points selected from the approved list of 100-level subjects from the Faculty of Law, Humanities and the Arts; and
3. At least one of either:
  - a) an additional 24 credit points of Psychology subjects for [Honours eligibility](#); and/or
  - b) remaining elective credit points from the Faculty of Law, Humanities and the Arts, Faculty of Social Sciences, or the General Schedule; and
4. No more than 60 credit points will be at 100-level.

Students are encouraged to use their electives to complete either a minor from the list of [recommended minors](#), the [General Schedule of Minors](#), or a second major, from either the [Bachelor of Arts](#) or the [Bachelor of Social Science](#).

Subject Code	subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">PSYC120</a>	Critical Thinking and Communication Skills in Psychology	6	Autumn
<a href="#">PSYC121</a>	Foundations of Psychology A	6	Autumn
<a href="#">PSYC122</a>	Foundations of Psychology	6	Spring

	B		
<a href="#">PSYC123</a>	Research Methods and Statistics	6	Spring
<i>Select ONE of the following three subjects:</i>			
<a href="#">PHIL107</a>	Introduction to Philosophy	6	Autumn
<a href="#">SOC 103</a>	Introduction to Sociology	6	Autumn
<a href="#">PHIL151</a>	Logic: The Art of Reasoning	6	Spring
<i>Plus 18 credit points of subjects that contribute to either a second major, a minor, and/or elective credit.</i>			
<b>Year 2</b>			
<a href="#">PSYC231</a>	Personality	6	Autumn, Available in Spring 2019
<a href="#">PSYC234</a>	Biological Psychology and Learning	6	Autumn
<a href="#">PSYC250</a>	Quantitative Methods in Psychology	6	Autumn
<i>Plus 6 credit points of subjects that contribute to either a second major, a minor, Honours eligibility, or elective credit.</i>			
<a href="#">PSYC236</a>	Cognition and Perception	6	Spring
<a href="#">PSYC241</a>	Developmental and Social Psychology	6	Spring
<i>Plus 12 credit points of subjects that contribute to either a second major, a minor, and/or elective credit.</i>			
<b>Year 3</b>			
<a href="#">PSYC324</a>	Assessment and Intervention	6	Autumn
<i>Select THREE from the following, including at least ONE of <a href="#">PSYC327</a>, <a href="#">PSYC328</a> or <a href="#">PSYC329</a> :</i>			
<a href="#">PSYC325</a>	History and Philosophy of	6	Autumn



	Psychology		
PSYC327	Advanced Topics in Cognition	6	Autumn
PSYC330	Social Behaviour and Individual Differences	6	Autumn
PSYC357	Forensic Psychology	6	Autumn
PSYC326	Design and Analysis	6	Spring
PSYC328	Visual Perception	6	Spring
PSYC329	Psychophysiology	6	Spring
PSYC358	Applied Psychology	6	Spring
PSYC359	Psychopharmacology	6	Spring
PSYC360	Research Internship in Psychology	6	Spring
PSYC361	Child Development	6	Spring
<p><i>Plus a further 24 credit points of subjects that contribute to either a second major, a minor, Honours eligibility, and/or elective credit.</i></p>			

For information regarding timetables, tutorials, and classes please the visit the [Timetables and Classes](#) page.

## Psychology extension for Honours eligibility

If you intend to apply for the honours year (a requirement for registration as a professional psychologist) you must complete the 100 level core, the 200 level core and the following 200 level subject, and take 300 level subjects as specified below.

Subject Code	subject Name	Credit Points	Session(s)
<b>200-level subjects</b>			
PSYC251	Psychology of Abnormality	6	Spring, Available in Autumn 2019

<b>300-level subjects</b>			
<a href="#">PSYC324</a>	Assessment and Intervention	6	Autumn
<a href="#">PSYC325</a>	History and Philosophy of Psychology	6	Autumn
<a href="#">PSYC326</a>	Design and Analysis	6	Spring
<i>And 24 credit points from the following, including at least one of <a href="#">PSYC327</a> , <a href="#">PSYC328</a> or <a href="#">PSYC329</a> :</i>			
<a href="#">PSYC327</a>	Advanced Topics in Cognition	6	Autumn
<a href="#">PSYC330</a>	Social Behaviour and Individual Differences	6	Autumn
<a href="#">PSYC357</a>	Forensic Psychology	6	Autumn
<a href="#">PSYC328</a>	Visual Perception	6	Spring
<a href="#">PSYC329</a>	Psychophysiology	6	Spring
<a href="#">PSYC358</a>	Applied Psychology	6	Spring
<a href="#">PSYC359</a>	Psychopharmacology	6	Spring
<a href="#">PSYC360</a>	Research Internship in Psychology	6	Spring
<a href="#">PSYC361</a>	Child Development	6	Spring
<i>Plus ONE 6 credit point subject that contributes to either a minor or elective credit.</i>			

Students who complete the extended requirements in psychology are eligible to apply for the one year honours program to confer the [Bachelor of Psychological Science with Honours](#).

## Minors

The following minors are recommended for inclusion in this course. You may complete more than one minor, as space permits in your program:

- [Criminology](#)
- [Human Resource Management](#)
- [Indigenous Studies](#)
- [Management](#)
- [Marketing](#)
- [Philosophy](#)
- [Philosophy of Psychology](#)
- [Introduction to Public Health](#)
- [Public Relations](#)
- [Social Marketing](#)
- [Social Policy](#)
- [Sociology](#)
- [Work Health and Safety](#)

Other minors from the [General Schedule of Minors](#) are also available.

## Professional Recognition/Accreditation

The three year Bachelor of Arts (Psychology) and the additional honours year are accredited by the Australian Psychology Accreditation Council as a four year sequence for the purposes of provisional registration with the Psychology Board of Australia. An additional two years of supervised practice is necessary to apply for general registration. This can be through two years supervised practice in the community or a fifth year at University plus one year of supervised practice in the community or an approved Masters degree.

## Other Information

For further information email: [ssc@uow.edu.au](mailto:ssc@uow.edu.au)

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# 2019 Undergraduate Courses

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Students are to follow the requirements of the **Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Arts (Psychology) - Bachelor of Commerce | 2019

Testamur Title of Degree:	Bachelor of Arts - Bachelor of Commerce
Abbreviation:	BA-BCom
UOW Course Code:	703_1
CRICOS Code:	078309A
Total Credit Points:	216
Duration:	4.5 years full-time or part-time equivalent
Home Faculty:	Faculty of Social Sciences
Intake Session(s):	Autumn, Spring
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 751305

## Overview

Double degrees aim to broaden a student's knowledge and skill base and improve career options in competitive, increasingly interactive fields. The programs are designed to enhance a student's educational, academic and professional qualifications whilst minimising the costs of their studies.

The Bachelor of Arts (Psychology) - Bachelor of Commerce double degree allows students to choose from a broad range of Business specialisations and combine this with a major in Psychology.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

The outcomes which are common and consolidated in this joint degree ensure that on successful completion of the course students will be able to:

1. Apply knowledge of psychological principles and applications to marketing and organisational practices
2. Apply knowledge of research methods to commercial issues in local, national, and international contexts
3. Apply analytical skills to commercial issues in local, national, and international contexts
4. Effectively communicate in a variety of formats
5. Demonstrate the capacity for independent learning with respect to professional development of human behaviour in business, organisational and marketing contexts
6. Apply critical thinking skills to examine human behaviour in an organisational context
7. Demonstrate ethical and responsible decision-making in the business context

Please refer to the [Handbook](#) page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

The Bachelor of Arts (Psychology) - Bachelor of Commerce requires the

successful completion of a minimum of 216 credit points in accordance with the table below, including:

- a. 78 credit points of core Psychology subjects; and
- b. at least six credit points from the specified list of Arts electives; and
- c. 42 credit points of core 100-level Commerce subjects; and
- d. at least 48 credit points from a Commerce major; and
- e. a six credit point Commerce capstone subject; and
- f. additional elective subjects, as required, to achieve a minimum degree total of 216 credit points, chosen from the Faculty of Business, Faculty of Law, Humanities and the Arts, Faculty of Social Sciences, or the General Schedule. Students may wish to consider completing a Commerce or [General Schedule minor](#). Students who plan to apply for entry to Psychology honours and follow a path to professional registration as a psychologist should complete the extended psychology requirements as described in the [Bachelor of Arts \(Psychology\)](#) degree.

Note that students in the double degree are not required to take [COMM121](#) Statistics for Business, which is normally a common core subject for students in the [Bachelor of Commerce](#) single degree. [PSYC123](#) Research Methods and Statistics meets the requirement for a first year statistics subject and remains as a core requirement for the double degree.

Subject Code	subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Psychology</b>			
<a href="#">PSYC120</a>	Critical Thinking and Communication Skills in Psychology	6	Autumn
<a href="#">PSYC121</a>	Foundations of Psychology A	6	Autumn
<a href="#">PSYC122</a>	Foundations of Psychology B	6	Spring
<a href="#">PSYC123</a>	Research Methods and Statistics	6	Spring
<b>Commerce</b>			
<a href="#">COMM101</a>	Principles of Responsible Business	6	Autumn, Spring
<a href="#">ECON100</a>	Economic Essentials for	6	Autumn,

	Business		Spring
<a href="#">FIN 111</a>	Introductory Principles of Finance	6	Autumn, Spring, Summer 2019/2020
<a href="#">MGNT110</a>	Introduction to Management	6	Autumn, Spring, Summer 2019/2020
<b>Year 2*</b>			
<b>Psychology</b>			
<a href="#">PSYC231</a>	Personality	6	Autumn, Available in Spring 2019
<a href="#">PSYC234</a>	Biological Psychology and Learning	6	Autumn
<a href="#">PSYC250</a>	Quantitative Methods in Psychology	6	Autumn
<a href="#">PSYC236</a>	Cognition and Perception	6	Spring
<a href="#">PSYC241</a>	Developmental and Social Psychology	6	Spring
<b>Commerce</b>			
<a href="#">ACCY111</a>	Accounting Fundamentals In Society	6	Autumn, Spring
<a href="#">MARK101</a>	Marketing Principles	6	Autumn, Spring, Summer 2019/2020
<p>Select ONE of the following four subjects. Students majoring in Accountancy, Finance or Financial Planning must take <a href="#">ACCY112</a>. Students majoring in Economics or International Business must take <a href="#">ECON102</a>. Students majoring in Public Relations must take <a href="#">MGNT102</a>.</p>			



ACCY112	Accounting In Organisations	6	Autumn, Spring, Summer 2019/2020
ECON102	Economics and Society	6	Autumn, Spring
MGNT102	Business Communications	6	Autumn, Spring, Summer 2019/2020
OPS 113	Business Oriented Information Systems	6	Spring
<b>Year 3*</b>			
<b>Psychology</b>			
PSYC324	Assessment and Intervention	6	Autumn
<i>18 credit points of Psychology elective subjects at 300-level (refer to BA(Psychology) single degree for subject choices).</i>			
<b>Commerce</b>			
<i>24 credit points of Commerce subjects as required for the selected Commerce major.</i>			
<b>Year 4*</b>			
<b>Commerce</b>			
<i>24 credit points of Commerce subjects as required for the selected Commerce major.</i>			
<b>Specified Arts elective:</b>			
<i>Select ONE of the following three subjects:</i>			
PHIL107	Introduction to Philosophy	6	Autumn
SOC 103	Introduction to Sociology	6	Autumn
PHIL151	Logic: The Art of Reasoning	6	Spring

<b>Electives</b>			
<i>18 credit points of subjects, either as specified in order to fulfil the requirements of a prescribed Commerce major OR as electives chosen from Business, Social Sciences, Law Humanities and the Arts or the <a href="#">General Schedule</a>.</i>			
<b>Year 5*</b>			
<b>Commerce capstone subject:</b>			
<a href="#">COMM331</a>	Integrative Business Capstone	6	Autumn, Spring
<b>Electives</b>			
<i>18 credit points of elective subjects chosen from Business, Social Sciences, Law Humanities and the Arts or the <a href="#">General Schedule</a>.</i>			

\*Note: Students have increasing freedom to structure their course to fit their chosen major from Year 2. In particular, those planning an [extended Psychology major for honours eligibility](#) should carefully plan the sequence of their subjects for their whole degree before enrolling in Year 2.

For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Honours

Students who complete the extended requirements in psychology are eligible to apply for the one year honours program to confer the [Bachelor of Psychological Science \(Honours\)](#). To see the extended psychology subject list and for entry into the honours program, please go to the [Bachelor of Arts \(Psychology\)](#) Handbook page.

Honours in Commerce is also available for students who wish to undertake research training and advanced scholarship in this field. See [Bachelor of Commerce \(Honours\)](#) for more details.

## Professional Recognition/Accreditation

### **Bachelor of Arts (Psychology)**

The Bachelor of Arts (Psychology) and the additional honours year are

accredited by the Australian Psychology Accreditation Council as a four year sequence for the purposes of provisional registration with the Psychology Board of Australia. An additional two years of supervised practice is necessary to apply for general registration. This can be through two years supervised practice in the community or a fifth year at University plus one year of supervised practice in the community or an approved Masters degree.

### **Bachelor of Commerce**

Some majors within the Bachelor of Commerce enable graduates to meet the membership requirements of relevant professional associations. For more information, visit [Professional Accreditation and Recognition](#).

## Other Information

For further information email: [ssc@uow.edu.au](mailto:ssc@uow.edu.au)

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Arts (Psychology) - Bachelor of Laws | 2019

Testamur Title of Degree:	Bachelor of Arts - Bachelor of Laws
Abbreviation:	BA-LLB
UOW Course Code:	1886 (Psychology Major)
CRICOS Code:	094210A
Total Credit Points:	240
Duration:	5 years full-time or *part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn/Spring**
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 751200

\*Students interested in studying this degree part-time should consult with the Law Head of Students by contacting [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au).

\*\*Students commencing in Spring will undertake their first session in the Bachelor of Arts (Psychology), before completing their first year of Law in their second year of enrolment.

## Overview

A Bachelor of Arts (Psychology) – Bachelor of Laws from UOW will equip you with a comprehensive legal education: a world-class degree that provides a thorough grounding in the law, as well as a real-world focus on the essential practical skills and the social and ethical context in which the law operates.

Combining Law with a Bachelor of Arts (Psychology), you will attain knowledge of biological and social bases of behaviour, cognition and perception, social and developmental psychology, personality, and applied psychology. This combination gives you an in-depth understanding and reasoning of the human experience that can enhance your skills as a legal practitioner.

We believe that practical experience is a vital part of your legal training. We are the only law school in New South Wales that requires you to complete a legal internship, providing highly valued industry experience.

We are committed to social justice and providing a legal education that engages with the complexities of law's intersection with society.

This double degree delivers a practical and contextual legal education that prepares graduates not only for traditional careers in the legal profession but also for a wide range of careers in government, business and community organisations – as leaders, innovators and problem solvers.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

The outcomes, which are common and consolidated in this joint degree, ensure that on successful completion of the course students will be able to:



CLO	Description
1	Demonstrate sound disciplinary knowledge in relation to psychological phenomena and the legal system;
2	Apply ethical principles to a range of contexts, including those associated with psychological practice within the legal system;
3	Apply critical analysis to complex issues associated with psychological phenomena in the legal context;
4	Investigate, evaluate and interpret research sources and their application to different disciplines, in particular the relationship between behaviour and the law;
5	Communicate effectively to a range of audiences through a range of mediums.

Please refer to the [Course Handbook](#) page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

To qualify for award of the degree, the Bachelor of Arts (Psychology) - Bachelor of Laws, a candidate must successfully complete at least 240 credit points, comprised of:

1. Compulsory Law subjects as set out in the table below (114 credit points);
2. 30 credit points from the Bachelor of Laws Elective Law Schedule - see [Bachelor of Laws \(Graduate Entry\)](#) for a list of elective subjects;
3. Compulsory Psychology subjects as set out in the table below (78 credit points);
4. 6 credit points chosen from PHIL 107, [SOC 103](#), or PHIL 151;
5. a minimum of 12 credit points of elective subjects from the Faculty of Social Sciences or The Faculty of Law, Humanities and the Arts schedules.

Notes:

- Students in this degree are not required to take LHA101.
- Where any subjects have the prefix LAW, the equivalent Bachelor of Laws subjects (LLB) must be substituted.

Subject Code	Subject Name	Credit Points
<b>Year 1</b>		
<a href="#">LLB1100</a>	Foundations of Law	6
<a href="#">LLB1115</a>	Legal Skills	6
<a href="#">LLB1120</a>	Law of Contract A	6

LLB1130	Criminal Law and Procedure A	6
LLB1160	Interpreting the Law	6
LLB1170	Law of Contract B	6
LLB1180	Criminal Law and Procedure B	6
LLB1197	Legal Ethics & Professional Responsibility	6
<b>Year 2</b>		
LLB2220	Property Law	6
LLB2230	Administrative Law	6
LLB2270	Equity and Trusts	6
LLB2280	Constitutional Law	6
PSYC120	Critical Thinking and Communication Skills in Psychology	6
PSYC121	Foundations of Psychology A	6
PSYC122	Foundations of Psychology B	6
PSYC123	Research Methods and Statistics	6
<i>Plus ONE from the following three subjects:</i>		
PHIL107	Introduction to Philosophy	6
PHIL151	Logic: The Art of Reasoning	6
SOC 103	Introduction to Sociology	6
<b>Year 3</b>		
LLB2225	Advanced Legal Skills	6
LLB2240	Law of Torts	6
LLB2290	Jurisprudence	6
LLB3397	Legal Internship	3
PSYC231	Personality	6

<a href="#">PSYC236</a>	Cognition and Perception	6
<a href="#">PSYC250</a>	Quantitative Methods in Psychology	6
1 LLB Elective		6
<b>Year 4</b>		
<a href="#">LLB3300</a>	Remedies and Civil Procedure	6
<a href="#">LLB3301</a>	Evidence	6
<a href="#">LLB3302</a>	Law of Business Organisations	6
<a href="#">PSYC234</a>	Biological Psychology and Learning	6
<a href="#">PSYC241</a>	Developmental and Social Psychology	6
1 LLB Elective		6
2 elective subjects from the Faculty of Social Sciences or The Faculty of Law, Humanities and the Arts general electives		12
<b>Year 5</b>		
3 LLB Electives		18
<a href="#">LLB3399</a>	Law, Justice and Professional Practice	3
<a href="#">PSYC324</a>	Assessment and Intervention	6
3 x 300 level subjects chosen from the <a href="#">BA (Psychology)</a> single degree		18

**Part-time Study**

A student is considered part-time when they are enrolled in less than 75% of the standard load for a session. If you are seeking to complete your undergraduate law degree part-time, you are required to complete a minimum of 12 credit points (2 subjects) per session. Please refer to the [Recommended Study Sequence](#) for information.

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).



# Compulsory Work Placement / Online Components

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

Law students will complete a Legal Internship subject (LLB3397). This subject is the vehicle for a practical placement designed to expose students to the application of the law in practice; enable students to understand the importance of developing the skills of legal research; communication, drafting, practice management and problem solving; and enable students to observe and reflect upon the values, ethical standards and conduct of the legal profession in practice.

This course contains a total of 140 hours over 4 weeks of compulsory work-based placements. This course may also contain compulsory components to be completed online.

## Professional Recognition/Accreditation

### Law

The UOW Bachelor of Laws (single LLB or in combination with another degree) is accredited by the Legal Profession Admission Board (LPAB) as satisfying the academic requirements necessary for admission to the Australian legal profession. On completion of the Bachelor of Laws, a student who wishes to practise as a barrister or solicitor must also undertake some form of professional practical training, the requirements for which vary between each state and territory of Australia.

In New South Wales, a student who intends to qualify for admission to practice is required to undertake a practical legal training (PLT) course accredited by the LPAB, followed by or incorporating a period of practical experience in a law-related setting. Practical experience gained by students in [LLB3397](#) Legal Internship may be counted towards this practical experience requirement. Graduates should check with their PLT provider. A list of LPAB accredited PLT courses can be found on the [LPAB website](#).

Students who intend to practise as solicitors after admission will be subject to a period of restricted practice and the mandatory continuing legal education requirements. Further information is available from the [Law Society of New South Wales](#). Students who intend to practise as barristers after admission will be required to read with a senior barrister for a period of time and to undertake the Bar Readers' Course and Bar Examination before being qualified to take briefs on their own account. Further information is available from the [New South Wales Bar Association](#).

## Psychology

The Bachelor of Arts (Psychology) and the additional honours year (Bachelor of Psychological Science (Honours)) are accredited by the Australian Psychology Accreditation Council as a four year sequence for the purposes of provisional registration with the Psychology Board of Australia. An additional two years of supervised practice is necessary to apply for general registration. This can be through two years supervised practice in the community or a fifth year at University plus one year of supervised practice in the community or an approved Masters degree.

## Honours

### Law

High achieving students enrolled in this double degree may consult with the [Honours Coordinator in Law](#) regarding the possibility of transferring into an [Honours Law](#) degree.

A student who successfully transfers into an Honours program but does not meet the minimum performance standards required for the award of Honours will be permitted to transfer back to the double degree in which they were enrolled immediately prior to the transfer into the Honours course, and will be awarded credit for the number of credit points passed in the Honours degree.

### Psychology Extension for Honours Eligibility

Students who complete an extended program in psychology are eligible to apply for the one year honours program to confer the Bachelor of Psychological Science with honours. To see the requirements for the extended psychology program, and for entry into the honours program, please go to the [Bachelor of Arts \(Psychology\) Handbook page](#). The extended Psychology program will require students to exceed the normal total credit point requirements for the degree. Students should carefully plan their sequence of study and, if necessary, seek academic advice.

## Other Information

For further information email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Arts - Bachelor of Commerce Options | 2019

The University of Wollongong offers different options for students wishing to study a Bachelor of Arts - Bachelor of Commerce double degree

### Faculty of Law, Humanities and the Arts

#### **Bachelor of Arts - Bachelor of Commerce**

For students wishing to study a major from the Faculty of Law, Humanities and the Arts with a broad range of Business specialisations.

Course Code: 703

### Faculty of Social Sciences

#### **Bachelor of Arts (Psychology) - Bachelor of Commerce**

For Students wishing to study Psychology with a broad range of Business specialisations.

Course Code: 703\_1

Last reviewed: 24 April, 2018

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Arts - Bachelor of Communication and Media | 2019

Testamur Title of Degree:	Bachelor of Arts - Bachelor of Communication and Media
Abbreviation:	BA-BCM
UOW Course Code:	1788
CRICOS Code:	094794E
Total Credit Points:	216
Duration:	4.5 years full-time or part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn/Spring*
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 751350

\*Students eligible for Credit Transfer may begin in Summer Session if appropriate subjects are available.

## Overview

Combining a Bachelor of Communication and Media with a Bachelor of Arts degree places a strong emphasis on applied learning and offers a broad introduction to ways in which new media practices shape our everyday lives, both in the workplace and in our communities. It will equip you with critical and creative thinking skills and effective communication and problem solving skills, all of which are required for high achievement in a range of media or related careers.

The Bachelor of Arts will equip you for today's rapidly changing world. You will develop skills and capacities necessary to understand how the world has come to be the way it is today. The disciplines housed in the Bachelor of Arts degree share a common interest in addressing the fundamental questions of human social life. What do we need to know to make a better future, and what are the best ways of finding out? You will see and appreciate the world afresh, developing the analytical and communicative abilities to enrich life and your community. Share in the rich and global dialogue on contemporary human cultures.

The Bachelor of Communication and Media degree offers students a strong foundation in the global communication and media industries. This degree has a focus on preparing students for global careers in digital and social media, visual communication design, journalism, screen media production, marketing, communication and advertising. Students will encounter key ideas in the study and practice of media and communications, and gain flexible and transferable skills that will prepare them for informed engagement with the changing world of global media culture.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

The course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

The outcomes, which are common and consolidated in this joint degree, ensure that on successful completion of the course students will be able to:



CLO	Description
1	Understand and demonstrate practical production skills through the use of digital and other technologies;
2	Communicate effectively and ethically across a wide range of audiences;
3	Address complex issues through the use of practical production skills and digital technologies;

Please refer to the [Course Handbook](#) page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

To qualify for award of this degree students must complete a minimum of 216 credit points as outlined below:

1. The core subjects for the [Bachelor of Communication and Media](#) (48 credit points);
2. One of the majors for the [Bachelor of Communication and Media](#) (48 credit points);
3. At least one of the majors listed for the [Bachelor of Arts](#) (minimum 48 and maximum 60 credit points);
4. A second major (minimum 48 and maximum 60 credit points), or a minor (minimum 24 credit points), from within the Faculty of Law, Humanities and the Arts;
5. Electives to bring the total credit points to 216.

Notes:

- No more than 90 credit points in 100-level subjects;
- A clear pass must be achieved in the core 300 level subjects.

## Majors and Minors

Students completing this degree will complete at least two majors. One chosen from the [Bachelor of Arts](#), and one from the [Bachelor of Communication and Media](#). Follow the links to the individual Course Handbook pages for information on the majors available.

As part of their Bachelor of Arts Component, students will also choose either a second Major, or Minor chosen from the Bachelor of Arts.

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.



The [Faculty of Law, Humanities and the Arts internship program](#) provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Some Majors will have a specific internship subject available for students. Otherwise, students can consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Honours

Honours is a fourth year of study that provides training in independent research. Students who complete the double degree with the required academic standard are encouraged to proceed to the Honours degree in either the [Bachelor of Arts \(Honours\)](#) or the [Bachelor of Communication and Media \(Honours\)](#). Please refer to the Honours handbook pages for the single degrees for further information about these degrees and their entry requirements.

## Other Information

For further information email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 14 December, 2018

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Arts - Bachelor of Communication and Media (Dean's Scholar) | 2019

Testamur Title of Degree:	Bachelor of Arts - Bachelor of Communication and Media (Dean's Scholar)
Abbreviation:	BA-BCM(Dean'sSchol)
UOW Course Code:	1789
CRICOS Code:	094795D
Total Credit Points:	216
Duration:	4.5 years full-time or part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 751360

## Overview

If you are a high-achieving and motivated student, the Dean's Scholar program will give you an enriched educational experience. The program includes a member of academic staff to advise you on matters concerned with your degree, as well as an annual book allowance, and designated study space. You will produce a major self-directed research project as a capstone to your degree in the final year of study.

Combining communication and media with arts and humanities places strong emphasis on applied learning and offers a broad introduction to ways in which new media practices shape our everyday lives, both in the workplace and in our communities. It will equip you with critical and creative thinking skills and effective communication and problem solving skills, all of which are required for high achievement in a range of media careers.

The Bachelor of Communication and Media degree offers students a strong foundation in the global communication and media industries. This degree has a focus on preparing students for global careers in digital and social media, visual communication design, journalism, screen media production, marketing, communication and advertising. Students will encounter key ideas in the study and practice of media and communications, and gain flexible and transferable skills that will prepare them for informed engagement with the changing world of global media culture.

A Bachelor of Arts degree is one of the most popular degrees at University. Students who are passionate and curious about humanity and society enjoy the breadth and flexibility of the Bachelor of Arts degree. The degree will allow you to hone your skills of interpretation (nothing is ever just black and white), and you will gain experience in analysing and synthesising complex ideas; skills that are essential to real world problem solving and highly valuable to a wide range of employers. Every 'real world' problem today has a cultural and social dimension that can be understood using the skills you will gain doing a Bachelor of Arts degree, whichever major you choose.

## Dean's Scholar Degrees

Dean's Scholars have the opportunity to attempt subjects not normally available to first-year students. They may be granted exemption from certain first-year subjects and may be permitted extended subject loads, enabling them to complete the degree in less than the normal time and enter Honours in their third year.

Dean's Scholar students benefit from:

- Access to shared study and workspace;
- Yearly text book/resource allowance for full time students;
-

Limited printing privileges;

- Specialised subject [LHA 102](#) Dean's Scholars Seminar and [LHA 302](#) Dean's Scholars Research Project;
- Opportunities to attend academic and higher degree research workshops and seminars.
- On successful completion of this degree, students will be guaranteed admission to Honours.

Dean's Scholars are able to use the University's student exchange program to undertake a period of study overseas. Several Dean's Scholars have competed successfully for places in the Australian National Internship Program or the University Capitol Washington Internship Program, which places students in political offices in Canberra or Washington D.C. respectively.

To remain in the program, students must maintain an average of 75% in each year of study. If the student's average falls below 75%, the student will be transferred into the Bachelor of Arts - Bachelor of Communication and Media degree.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

The course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Please refer to the Course Handbook page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

To qualify for award of the degree, the Bachelor of Arts - Bachelor of Communication and Media, a candidate must successfully complete at least 216 credit points, comprised of:

1. [LHA 102](#) Dean's Scholar Seminar (6 credit points);
2. [LHA 302](#) Dean's Scholar Research Project (6 credit points);
3. The core subjects for the [Bachelor of Communication and Media](#) (48 credit points);
4. One of the majors for the [Bachelor of Communication and Media](#) (48 credit points);
5. At least one of the majors listed for the [Bachelor of Arts](#) (minimum 48, maximum 60 credit points);
6. A second major (minimum 48 and maximum 60 credit points), or a minor (minimum 24 credit points), from within the Faculty of Law, Humanities and the Arts; and

7. If required, electives to bring the total credit points to 216.

Notes:

- Average mark of 75% or better must be maintained.
- No more than 90 credit points in 100-level subjects.
- A clear pass must be achieved in the core 300 level subjects.

## Majors and Minors

Students completing this degree will complete at least two majors. One chosen from the [Bachelor of Arts](#) and one from the [Bachelor of Communication and Media](#).

As part of their Bachelor of Arts Component, students in this double degree will also complete either a minor or a second major.

Information on available majors and minors is available by following the links to the degree course handbook pages above.

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

The [Faculty of Law, Humanities and the Arts internship program](#) provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Students' are also encouraged to consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Honours

Honours is a fourth year of study that provides training in independent research. Students who complete the double degree with the required academic standard are encouraged to proceed to the Honours degree in either the [Bachelor of Arts \(Honours\)](#) or the [Bachelor of Communication and Media \(Honours\)](#). Please refer to the handbook pages for further information about these degrees and their entry requirements.

## Other Information

To remain in the program, students must maintain an average of 75% in each year of study. If the student's average falls below 75%, the student will be transferred into the Bachelor of Arts - Bachelor of Communication and Media degree.

For further information email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 20 March, 2019

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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Arts - Bachelor of Economics and Finance | 2019

Testamur Title of Degree:	Bachelor of Arts - Bachelor of Economics and Finance
Abbreviation:	BA-BEcon&Fin
UOW Course Code:	330
CRICOS Code:	078320F
Total Credit Points:	216
Duration:	4.5 years full-time or part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn/Spring*
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 751306



\*Students eligible for Credit Transfer may begin in Summer Session if appropriate subjects are available.

## Overview

The Bachelor of Arts - Bachelor of Economics and Finance degree addresses relevant global, economic, financial, political and historical issues affecting the worldwide business market. It will teach you a diverse skill set and equip you with critical and creative thinking skills and effective communication and problem solving skills, all of which are required for high achievement in a range of careers.

The Bachelor of Arts will equip you for today's rapidly changing world. You will develop skills and capacities necessary to understand how the world has come to be the way it is today. The disciplines housed in the Bachelor of Arts degree share a common interest in addressing the fundamental questions of human social life. What do we need to know to make a better future, and what are the best ways of finding out? You will see and appreciate the world afresh, developing the analytical and communicative abilities to enrich life and your community. Share in the rich and global dialogue on contemporary human cultures.

Economics and Finance explores the theory, policies, practices and institutions of the domestic and global economy at both the micro and macro levels. You will develop the skills necessary to make responsible professional judgements in economic and financial decision-making, as well as identify and apply tools of analysis to a wide range of economic issues, including the behaviour of consumers and firms, the labour market, the environment, fiscal and monetary policy, and international trade.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

The outcomes, which are common and consolidated in this joint degree, ensure that on successful completion of the course students will be able to:

CLO	Description

1	Apply theoretical and technical economic and financial knowledge to evaluate complex social and cultural issues;
2	Critically analyse and evaluate data and information, and apply specific disciplinary knowledge to support decision-making in real-world professional contexts;
3	Coherently and effectively communicate theoretical and technical economic and financial knowledge to a range of audiences.

Please refer to the [Course Handbook](#) page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

To qualify for award of this degree students must complete a minimum of 216 credit points as outlined below:

1. 120 credit points of core subjects from the [Bachelor of Economics and Finance](#);
2. At least 96 credit points of subjects offered by the Faculty of Law, Humanities and the Arts. This will include:
  - a. [LHA 101](#) Introduction to Arts and the Humanities (6 credit points). This subject is undertaken in the first session and is designed to provide students with the academic skills necessary to succeed at University. [LHA 101](#) assists students to understand the structure of their degree, plan their study pathway, and plan for post-university careers. it introduces students to key concepts including critical thinking, digital literacy, academic integrity, effective communication and degree and career planning;
  - b. One of the majors listed in the [Bachelor of Arts](#) (minimum 48 and maximum 54 credit points);
  - c. One of the minors listed for the [Bachelor of Arts](#) (24 credit points).

## Majors and Minors

Students in this double degree will take at least two majors. One from the [Bachelor of Arts](#) and one from the [Bachelor of Economics and Finance](#) . Follow the links to each Course Handbook page for information regarding the majors on offer.

Students will also complete a minor chosen from the [Bachelor of Arts](#).

Students must consult with the Faculty of Business in regards to the selection and completion of their Economics and Finance major.

## Work Integrated Learning

Undertaking a work integrated learning experience during your university

education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

The [Faculty of Law, Humanities and the Arts internship program](#) provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Some Majors will have a specific internship subject available for students. Otherwise, students can consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Professional Recognition

The Bachelor of Economics and Finance enables graduates to meet the educational requirements for membership of relevant professional associations. For further information, visit [Professional Recognition and Accreditation](#).

## Honours

Honours is a fourth year of study that provides training in independent research. Students who complete the double degree with the required academic standard are encouraged to proceed to the Honours degree in the [Bachelor of Arts \(Honours\)](#). Please refer to the Honours handbook page for further information about this degree.

## Other Information

For further information email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 10 November, 2018

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# 2019 Undergraduate Courses

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Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Arts - Bachelor of International Studies | 2019

Testamur Title of Degree:	Bachelor of Arts - Bachelor of International Studies
Abbreviation:	BA-BIntSt
UOW Course Code:	1818
CRICOS Code:	069059M
Total Credit Points:	216
Duration:	4.5 years full-time or part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus (Face-to-face with online support)
Delivery Campus / UAC Code:	Wollongong / 751310

## Overview

Studying a Bachelor of Arts degree alongside a Bachelor of International Studies will give you essential skills, including critical and creative thinking, effective communication, and problem solving, all of which are required for high achievement in a range of global careers.

The Bachelor of Arts will equip you for today's rapidly changing world. You will develop skills and capacities necessary to understand how the world has come to be the way it is today. The disciplines housed in the Bachelor of Arts degree share a common interest in addressing the fundamental questions of human social life. What do we need to know to make a better future, and what are the best ways of finding out? You will see and appreciate the world afresh, developing the analytical and communicative abilities to enrich life and your community. Share in the rich and global dialogue on contemporary human cultures.

International Studies is the analysis, appreciation and study of the diversity of the global community. It examines the relationships of politics, society, culture, language, and history in a range of countries and globally. International Studies teaches you how to analyse national and global issues. You will learn about the forces shaping the modern world and the theories that underpin our understanding of the most important global issues. You will also gain language skills and we strongly encourage students to undertake study abroad to further expand their skills.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

The course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

Please refer to the handbook page of each individual degree for a comprehensive list of degree course learning outcomes.

CLO	Description
1	Demonstrate a sound understanding and evaluate complex issues and ideas about global society and key global challenges, from multiple perspectives and disciplines;
2	Communicate concepts effectively and ethically to a range of audiences

	across a wide range of contexts;
3	Display in-depth knowledge in multiple discipline areas, and apply in a variety of real-world professional contexts;

Please refer to the [Course Handbook](#) page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

To qualify for award of this degree students must complete a minimum of 216 credit points which shall include:

- a. The core subjects prescribed for the [Bachelor of International Studies](#), including [LHA 101](#) (24 credit points);
- b. One of the majors listed for the Bachelor of International Studies (48 credit points);
- c. A minimum of a minor in a language other than English (24 credit points) (or, students may elect to take a major in a language - between 48 and 60 credit points);
- d. At least one of the majors listed for the [Bachelor of Arts](#) (minimum 48 and maximum 60 credit points);
- e. A second major (minimum 48 and maximum 60 credit points), or a minor (minimum 24 credit points), from within the Faculty of Law, Humanities and the Arts; and
- f. Electives to bring the total credit points to 216.

Notes:

- No more than 90 credit points in 100-level subjects;
- A clear pass must be achieved in the core 300 level subjects.

## Majors and Minors

Students completing this degree will complete at least two majors. One chosen from the [Bachelor of International Studies](#), and one from the [Bachelor of Arts](#).

For the Bachelor of Arts, students will also complete either a second major or a minor chosen from the Bachelor of Arts.

As part of the Bachelor of International Studies component of this program, students will take at least one minor in a language other than English.

Details of the majors and minors available for these two degrees can be found on each Course Handbook page linked above.

## Work Integrated Learning

Undertaking a work integrated learning experience during your university

education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

The [Faculty of Law, Humanities and the Arts internship program](#) provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Some Majors will have a specific internship subject available for students. Otherwise, students can consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Honours

Honours is a fourth year of study that provides training in independent research. Students who complete the double degree with the required academic standard are encouraged to proceed to the Honours degree in either the [Bachelor of Arts \(Honours\)](#) or the [Bachelor of International Studies \(Honours\)](#). Please refer to the Honours handbook pages for the single degrees for further information about these degrees and their entry requirements.

## Other Information

For further information email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 8 May, 2019

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# 2019 Undergraduate Courses

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Students are to follow the requirements of the **Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Arts - Bachelor of International Studies (Dean's Scholar) | 2019

Testamur Title of Degree:	Bachelor of Arts - Bachelor of International Studies (Dean's Scholar)
Abbreviation:	BA-BIntSt(Dean'sSchol)
UOW Course Code:	1818A
CRICOS Code:	081890A
Total Credit Points:	216
Duration:	4.5 years full-time or part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 751309

## Overview

Studying a Bachelor of Arts alongside a Bachelor of International Studies will give you essential skills, including critical and creative thinking, effective communication, and problem solving, all of which are required for high achievement in a range of global careers. If you are a high-achieving and motivated student, this Dean's Scholar program will give you an enriched educational experience. Dean's scholars are supported by a member of academic staff to advise you on matters concerned with your degree, as well as an annual book allowance, and designated study space. You will produce a major self-directed research project as a capstone to your degree in the final year of study.

A Bachelor of Arts degree is one of the most popular degrees at University. Students who are passionate and curious about humanity and society enjoy the breadth and flexibility of the Bachelor of Arts degree. This degree will allow you to hone your skills of analysis and interpretation, and your ability to synthesise complex ideas; skills that are essential to practical problem solving and highly valuable to a wide range of employers. Every real-world problem today has a cultural and social dimension that can be understood using the skills you will gain doing a Bachelor of Arts degree, whichever major you choose.

International Studies is the analysis, appreciation and study of the diversity of the global community. It examines the relationships of politics, society, culture, language, and history in a range of countries and globally. International Studies teaches you how to analyse national and global issues. You will learn about the forces shaping the modern world and the theories that underpin our understanding of the most important global issues. You will also gain language skills and we strongly encourage students to undertake study abroad to further expand their skills.

## Dean's Scholar Degrees

Dean's Scholars have the opportunity to attempt subjects not normally available to first-year students. They may be granted exemption from certain first-year subjects and may be permitted extended subject loads, enabling them to complete the degree in less than the normal time and enter Honours in their third year.

Dean's Scholar students benefit from:

- Access to shared study and workspace;
- Yearly text book/resource allowance for full time students;
- Limited printing privileges;
- Specialised subject [LHA 102](#) Dean's Scholars Seminar;
- Opportunities to attend academic and higher degree research

workshops and seminars.

- On successful completion of this degree, students will be guaranteed admission to Honours.

Dean's Scholars are able to use the University's student exchange program to undertake a period of study overseas. Several Dean's Scholars have competed successfully for places in the Australian National Internship Program or the University Capitol Washington Internship Program, which places students in political offices in Canberra or Washington D.C. respectively.

To remain in the program, students must maintain an average of 75% in each year of study. If the student's average falls below 75%, the student will be transferred into the Bachelor of Arts – Bachelor of International Studies degree.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

The course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Please refer to the Course Handbook page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

To qualify for award of the degree, the Bachelor of Arts - Bachelor of International Studies (Dean's Scholar), a candidate must successfully complete at least 216 credit points, as outlined below:

1. [LHA 102](#) Dean's Scholar Seminar (6 credit points);
2. The core subjects prescribed for the [Bachelor of International Studies](#) (24 credit points);
3. One of the majors listed for the [Bachelor of International Studies](#) (48 credit points);
4. A minimum of a minor in a language other than English (24 credit points);
5. At least one of the majors listed for the [Bachelor of Arts](#) (minimum 48 and maximum 60 credit points);
6. A second major (minimum 48 and maximum 60 credit points), or a minor (minimum 24 credit points), from within the Faculty of Law, Humanities and the Arts and;
7. If required, electives to bring the total credit points completed to 216.

Notes:

- Average mark of 75% or better must be maintained.

- No more than 90 credit points in 100-level subjects.
- A clear pass in the core 300 level subjects.

## Majors and Minors

As part of the [Bachelor of International Studies](#), students will complete at least one major chosen from that degree, and one minor in a language other than English.

Students will also choose at least one major and one minor from the [Bachelor of Arts](#).

If students have enough elective subjects remaining, they may wish to use these to either turn one of their minors into a major, or complete additional minor study.

Information on available majors and minors is available by following the links to the degree course handbook pages above.

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

The [Faculty of Law, Humanities and the Arts internship program](#) provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Students' are also encouraged to consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Honours

Honours is a further one year full-time (or two years part-time) course that provides training in independent research. Students who complete the double degree with the required academic standard are encouraged to proceed to either the [Bachelor of Arts \(Honours\)](#) or the [Bachelor of International Studies \(Honours\)](#). Please refer to the handbook pages for further information about these degrees.

## Other Information

To remain in the program, students must maintain an average of 75% in each year of study. If the student's average falls below 75%, the student will be transferred into the Bachelor of Arts – Bachelor of International Studies degree.

For further information email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 20 March, 2019

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# 2019 Undergraduate Courses

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Arts - Bachelor of Laws Options | 2019

The University of Wollongong offers different options for students wishing to study a Bachelor of Arts - Bachelor of Laws double degree.

### Faculty of Law, Humanities and the Arts

#### **Bachelor of Arts - Bachelor of Laws**

For students wishing to study law with a major from the Faculty of Law, Humanities and the Arts.

Course Code: 1888

#### **Bachelor of Arts (Psychology) - Bachelor of Laws**

For students wishing to study law with a psychology major from the Faculty of Social Sciences.

Course Code: 1886

Last reviewed: 24 April, 2018

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Arts - Bachelor of Laws (Honours)

Testamur Title of Degree:	Bachelor of Arts - Bachelor of Laws (Honours)
Abbreviation:	BA - LLB (Hons)
UOW Course Code:	386
CRICOS Code:	096741B
Total Credit Points:	240
Duration:	5 years full-time or *part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn / **Spring
Delivery Mode:	On-campus
Delivery Campus:	Wollongong

\*Students interested in studying this degree part-time should consult with

the Law Head of Students by contacting [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au).

**\*\*Students commencing in Spring will undertake their first session in the Bachelor of Arts, before completing their first year of Law in their second year of enrolment.**

## Overview

A Bachelor of Arts- Bachelor of Laws (Honours) equips you with a comprehensive legal education: a world-class degree that provides a thorough grounding in the law, as well as a real-world focus on the essential practical skills and the social and ethical context in which the law operates.

The Honours year has two functions at UOW; as an in-depth project at the end of undergraduate study, and as a bridge between undergraduate study and advanced research.

Studying Honours gives you:

- Training in research skills and information systems (archives, the Library, databases, electronic research networks)
- The ability to present complex ideas verbally and in writing
- The opportunity to work closely with a supervisor and prepare a major project to meet critical deadlines
- Experience in devising, researching and writing up an individual topic of study in an extended format

We believe that practical experience is a vital part of your legal training. We are the only law school in New South Wales that requires you to complete a legal internship, providing highly valued industry experience.

We are committed to social justice and providing a legal education that engages with the complexities of law's intersection with society.

This double degree delivers a practical and contextual legal education that prepares graduates not only for traditional careers in the legal profession but also for a wide range of careers in government, business and community organisations – as leaders, innovators and problem solvers.

## Course Learning Outcomes

Please refer to the Undergraduate Course Handbook page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

To qualify for award of the degree, the Bachelor of Arts - Bachelor of Laws (Honours), a candidate must successfully complete at least 240 credit points, comprised of the following:

1. All compulsory Law subjects as set out in the schedule below (114 credit

points);

2. One 6 credit point elective subject from the [Bachelor of Laws \(Graduate Entry\)](#) elective list (6 credit points);
3. [LLB4400](#) Legal Research Methodology (12 credit points);
4. [LLB4401](#) Legal Research Thesis (12 credit points);
5. One major chosen from the [Bachelor of Arts](#) (minimum 48, maximum 60 credit points);
6. One minor chosen from the [Bachelor of Arts](#) (24 credit points);
7. If required, elective subjects to bring the total number of subjects completed to 240.

Notes:

- No more than 48 credit points shall be of 100-level subjects.
- Students in this degree are not required to take LHA 101.
- Where any subjects have the prefix LAW, the equivalent Bachelor of Laws (LLB) subjects must be substituted.

Subject Code	Subject Name	Credit Points
<b>Year 1</b>		
<a href="#">LLB1100</a>	Foundations of Law	6
<a href="#">LLB1115</a>	Legal Skills	6
<a href="#">LLB1120</a>	Law of Contract A	6
<a href="#">LLB1130</a>	Criminal Law and Procedure A	6
<a href="#">LLB1160</a>	Interpreting the Law	6
<a href="#">LLB1170</a>	Law of Contract B	6
<a href="#">LLB1180</a>	Criminal Law and Procedure B	6
<a href="#">LLB1197</a>	Ethics and Professional Responsibility	6
<b>Year 2</b>		
<a href="#">LLB2220</a>	Property Law	6
<a href="#">LLB2230</a>	Administrative Law	6
<a href="#">LLB2270</a>	Equity and Trusts	6
<a href="#">LLB2280</a>	Constitutional Law	6

Subjects from the Bachelor of Arts or Faculty of Law, Humanities and the Arts

### Year 3

<a href="#">LLB2225</a>	Advanced Legal Skills	6
<a href="#">LLB2240</a>	Law of Torts	6
<a href="#">LLB2290</a>	Jurisprudence	6
<a href="#">LLB3397</a>	Legal Internship	3

Subjects from the Bachelor of Arts or Faculty of Law, Humanities and the Arts

### Year 4

<a href="#">LLB3300</a>	Remedies and Civil Procedure	6
<a href="#">LLB3301</a>	Evidence	6
<a href="#">LLB3302</a>	Law of Business Organisations	6
1 LLB Elective		6

Subjects from the Bachelor of Arts or Faculty of Law, Humanities and the Arts

### Year 5

<a href="#">LLB4400</a>	Legal Research Methodology	12
<a href="#">LLB4401</a>	Legal Research Thesis	12
<a href="#">LLB3399</a>	Law, Justice and Professional Practice	3

Subjects from the Bachelor of Arts or Faculty of Law, Humanities and the Arts

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Majors and Minors

Students in this degree will complete at least one major and one minor chosen from the [Bachelor of Arts](#). Major and minor options are available on the course handbook page.

If students have sufficient electives, they may wish to turn their minor into a second major.

## Compulsory Work Placement / Online Components

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

Law students will complete a Legal Internship subject (LLB3397). This subject is the vehicle for a practical placement designed to expose students to the application of the law in practice; enable students to understand the importance of developing the skills of legal research; communication, drafting, practice management and problem solving; and enable students to observe and reflect upon the values, ethical standards and conduct of the legal profession in practice. This course contains a total of 140 hours over 4 weeks of compulsory work-based placements. This course may also contain compulsory components to be completed online.

## Law Professional Recognition / Accreditation

The UOW Bachelor of Laws (single LLB or in combination with another degree) is accredited by the Legal Profession Admission Board (LPAB) as satisfying the academic requirements necessary for admission to practice as a lawyer. On completion of the Bachelor of Laws, a student who wishes to practise as a barrister or solicitor must also undertake some form of professional practical training, the requirements for which vary between each state and territory of Australia.

In New South Wales, a student who intends to qualify for admission to practise as a legal practitioner is required to undertake a practical legal training (PLT) course accredited by the LPAB, followed by or incorporating a period of practical experience in a law-related setting. Practical experience gained by students in [LLB3397](#) Legal Internship may be counted towards this practical experience requirement (eg ANU and College of Law will recognise days completed as part of LLB3397). Graduates should check with their PLT provider. A list of LPAB accredited PLT courses can be found on the [LPAB website](#).

Students who intend to practise as lawyers after admission should obtain

further information about restricted practice and the mandatory continuing legal education requirements from the Law Society of New South Wales. Students who intend to practise as barristers after admission will be required to read with a senior barrister for a period of time and to undertake the Bar Readers' Course before being qualified to take briefs on their own account. Further information is available from the [New South Wales Bar Association](#).

## Honours Guide and Code of Practice

The Faculty of Law, Humanities and the Arts Honours Guide provides detailed information on all Honours courses and can be accessed from the [LHA Honours Programs](#) page.

Students are advised to refer to the University's [Code of Practice - Honours](#).

## Grade of Honours

Honours Grades are calculated in accordance with the University's [General Course Rules](#).

## Other Information

For further information please email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 6 February, 2019

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# 2019 Undergraduate Courses

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Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Bionanotechnology (Honours) | 2019

Testamur Title of Degree:	Bachelor of Bionanotechnology (Honours)
Abbreviation:	BBionano(Hons)
UOW Course Code:	457
CRICOS Code:	090881E
Total Credit Points:	192
Duration:	4 years full-time or part-time equivalent
Home Faculty:	Faculty of Science, Medicine and Health
Intake Session(s):	Autumn
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 757604



## Overview

UOW's Bachelor of Bionanotechnology (Honours) targets the emerging field of bionanotechnology, an area that combines principles from biology, physics, chemistry, and mathematics to understand and control biological processes at the molecular level. Using bionanotechnological approaches, revolutionary advances are being made in the biomedical sciences, varying from the visualization and manipulation of individual molecules, the use of nanoparticles to deliver drugs to specific sites in the body and the development of nanofabricated architecture to read out the sequence of DNA.

The Bachelor of Bionanotechnology draws on the internationally recognised strengths of the University's research in the areas of molecular biophysics, biochemistry, and materials science. It provides rigorous and interdisciplinary training in biology, physics, chemistry and mathematics. In the final year, all students undertake a substantial piece of supervised research, together with other required seminar and/or course work. Graduates may then be eligible for direct enrolment into a research doctorate in their chosen field or into other postgraduate degrees.

A Bachelor of Bionanotechnology (Honours) will place you in a unique position to undertake an exciting, interdisciplinary career in biotech industry, pharmaceutical industry, academic biomedical research, government policy, patent law, and many other fields.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Demonstrate extensive and coherent knowledge of the principles and concepts associated with bionanotechnology.
2	Demonstrate extensive and coherent knowledge of the principles from biology, physics, chemistry, and mathematics associated with the understanding and control of biological processes at the molecular level.

3	Demonstrate technical and cognitive skills associated with bionanotechnology - and its relevant subjects from mathematics, physics, biology, and chemistry - by locating, analysing and synthesising information to generate solutions to complex questions and problems.
4	Exercise critical analysis of observations and data from primary and secondary sources.
5	Integrate and apply knowledge and skills associated with bionanotechnology to plan and execute a substantial research project
6	Communicate knowledge and ideas clearly and coherently to others through a variety of media.

## Course Structure

To qualify for award of the degree, the Bachelor of Bionanotechnology (Honours), candidates must satisfactorily complete 192 credit points in accordance with the table below.

### Please note:

- Students may only count 60 credit points of 100-level subjects towards the degree.
- Students must complete a minimum of 36 credit points of 300-level subjects.
- Students must have a grade of Pass (not Pass Supplementary) or higher in at least 24 credit points of 300-level core subjects.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn</b>			
<a href="#">BNAN101</a>	Introduction to Bionanotechnology	6	Autumn
<a href="#">PHYS141</a>	Fundamentals of Physics A	6	Autumn
<b>Select ONE of the following two subjects:</b>			
<b>Note: Students who have achieved a mark of 65% or more in NSW HSC Chemistry or equivalent must select <a href="#">CHEM101</a> and <a href="#">CHEM102</a>. All other students must select <a href="#">CHEM104</a> and <a href="#">CHEM105</a>.</b>			
<a href="#">CHEM101</a>	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
<a href="#">CHEM104</a>	Foundation Chemistry: Properties of Matter	6	Autumn
<b>Select ONE of the following two subjects:</b>			

MATH141	Foundations of Engineering Mathematics	6	Autumn, Spring
MATH187	Mathematics 1: Algebra and Differential Calculus	6	Autumn
<b>Spring</b>			
BIOL103	Molecules, Cells and Organisms	6	Spring
PHYS142	Fundamentals of Physics B	6	Spring
<b>Select ONE of the following two subjects:</b>			
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
CHEM105	Foundation Chemistry: Reactions and Structures	6	Spring
<b>Select ONE of the following two subjects:</b>			
MATH142	Essentials of Engineering Mathematics	6	Spring, Summer 2020/2021
MATH188	Mathematics 2: Series and Integral Calculus	6	Spring
<b>Summer</b>			
CHEM106	Foundation Chemistry: Properties and Reactivity of Matter	6	Summer 2020/2021
<b>Note: Students completing CHEM104 and CHEM105 and wishing to enrol in a 200 level CHEM subject may also be required to complete CHEM106. Please check with the Head of Students for confirmation.</b>			
<b>Year 2</b>			
<b>Autumn</b>			
BIOL213	Principles of Biochemistry	6	Autumn
PHYS205	Advanced Modern Physics	6	Autumn
CHEM212	Organic Chemistry II	6	Autumn
ENGG103	Materials in Design	6	Autumn
<b>Spring</b>			
BNAN201	Biology at the Nanoscale	6	Spring
BIOL215	Introductory Genetics	6	Spring
CHEM213	Molecular Structure, Reactivity and Change	6	Spring

STAT252	Statistics For the Natural Sciences	6	Spring
<b>Year 3</b>			
<b>Autumn</b>			
BIOL343	Techniques in Biotechnology and Medical Research	6	Autumn
<b>Select three of the following subjects:</b>			
BIOL340	Cell and Molecular Biology	6	Autumn
MEDI312	Fundamentals of Neuroscience	6	Autumn
CHEM358	Pharmacology	6	Autumn
CHEM374	Molecular Spectroscopy and Structure Elucidation	6	Autumn
CHEM324	Chemical Analysis and Inference	6	Autumn
PHYS305	Quantum Mechanics	6	Autumn
<b>Spring</b>			
CHEM325	Bioinformatics:Genome, Genes and Biomolecules	6	Spring
MATE201	Structure of Materials	6	Spring
<b>Select TWO of the following subjects:</b>			
BIOL214	The Biochemistry of Energy and Metabolism	6	Spring
BIOL341	Immunity and Infection	6	Spring
CHEM333	Drug Discovery and Medicinal Chemistry	6	Spring
MATE302	Polymeric Materials	6	Spring
CHEM360	Organic Synthesis III	6	Spring
<b>Year 4</b>			
<b>Select either the full-time (48cp) or 48cp of the equivalent part-time subject (2 x 24cp) option below.</b>			
BNAN401	Honours Project in Bionanotechnology (Full Time)	48	Not available in 2020
BNAN402	Honours Project in Bionanotechnology (Part Time)	24	Not available in 2020

\*If you are required to complete [CHEM106](#) as part of your course schedule you may be eligible to substitute an elective subject, please contact your course coordinator for approval.

## Honours

The class of Honours awarded is based on a Weighted Average Mark (WAM) formula in accordance with Method 1 in the [General Course Rules Section 8](#).

## Other Information

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

Last reviewed: 9 October, 2019

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Bionanotechnology (Honours) (Dean's Scholar) | 2019

Testamur Title of Degree:	Bachelor of Bionanotechnology (Honours) (Dean's Scholar)
Abbreviation:	BBionan(Hons)(Dean'sSchol)
UOW Course Code:	458
CRICOS Code:	090882D
Total Credit Points:	192
Duration:	4 years full time or part time equivalent
Home Faculty:	Faculty of Science, Medicine and Health
Intake Session(s):	Autumn
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong/757605

## Overview

UOW's Bachelor of Bionanotechnology (Honours) (Dean's Scholar) targets the emerging field of bionanotechnology, an area that combines principles from biology, physics, chemistry, and mathematics to understand and control biological processes at the molecular level.

Using bionanotechnological approaches, revolutionary advances are being made in the biomedical sciences, varying from the visualization and manipulation of individual molecules, the use of nanoparticles to deliver drugs to specific sites in the body and the development of nanofabricated architecture to read out the sequence of DNA.

The Bachelor of Bionanotechnology (Honours) (Dean's Scholar) draws on the internationally recognised strengths of the University's research in the areas of molecular biophysics, biochemistry, and materials science. It provides rigorous and interdisciplinary training in biology, physics, chemistry and mathematics. In the final year, all students undertake a substantial piece of supervised research, together with other required seminar and/or course work. Graduates may then be eligible for direct enrolment into a research doctorate in their chosen field or into other postgraduate degrees.

A Bachelor of Bionanotechnology (Honours) (Dean's Scholar) will place you in a unique position to undertake an exciting, interdisciplinary career in biotech industry, pharmaceutical industry, academic biomedical research, government policy, patent law, and many other fields.

The Bachelor of Bionanotechnology (Honours) (Dean's Scholar) is designed specifically for high-achieving students interested in a challenging degree leading to a career in scientific research. Students who are eligible for this degree fulfill all the same requirements as Bachelor of Bionanotechnology (Honours) candidates, but are also eligible for additional benefits and challenges.

All students are invited to participate in various enrichment activities throughout the program and, after the first year, to develop a close association with an appropriate member of one of the faculty's research teams.

Students in this program also have the opportunity to undertake an individual research subject (BNAN301). You will be able to gain research experience in the laboratories of UOW's scientists working on state-of-the-art topics in bionanotechnology. Students are normally required to achieve at least a Distinction average in subjects completed in a calendar year.

In the final year, all students undertake a substantial piece of supervised research, together with other required seminar and/or course work. Graduates may then be eligible for direct enrolment into a research doctorate in their chosen field or into other postgraduate degrees.

# Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Demonstrate extensive and coherent knowledge of the principles and concepts associated with bionanotechnology.
2	Demonstrate extensive and coherent knowledge of the principles from biology, physics, chemistry, and mathematics associated with the understanding and control of biological processes at the molecular level.
3	Demonstrate technical and cognitive skills associated with bionanotechnology - and its relevant subjects from mathematics, physics, biology, and chemistry - by locating, analysing and synthesising information to generate solutions to complex questions and problems.
4	Exercise critical analysis of observations and data from primary and secondary sources.
5	Integrate and apply knowledge and skills associated with bionanotechnology to plan and execute a substantial research project.
6	Communicate knowledge and ideas clearly and coherently to others through a variety of media
7	Apply knowledge of research principles and research skills in a variety of research contexts.

## Course Structure

To qualify for award of the degree, the Bachelor of Bionanotechnology (Honours) (Dean's Scholar), candidates must satisfactorily complete 192 credit points in accordance with the table below.

Please note:

- Students may only count 60 credit points of 100-level subjects towards the degree.
- Students must complete a minimum of 24 credit points of 300-level



subjects.

- Students must have a grade of Pass (not Pass Supplementary) or higher in at least 24 credit points of 300-level core subjects.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn</b>			
<a href="#">BNAN101</a>	Introduction to Bionanotechnology	6	Autumn
<a href="#">PHYS141</a>	Fundamentals of Physics A	6	Autumn
<b>Select ONE of the following two subjects:</b>			
<b>Note: Students who have achieved a mark of 65% or more in NSW HSC Chemistry or equivalent must select <a href="#">CHEM101</a> and <a href="#">CHEM102</a>. All other students must select <a href="#">CHEM104</a> and <a href="#">CHEM105</a>.</b>			
<a href="#">CHEM101</a>	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
<a href="#">CHEM104</a>	Foundation Chemistry: Properties of Matter	6	Autumn
<b>Select ONE of the following two subjects:</b>			
<a href="#">MATH141</a>	Foundations of Engineering Mathematics	6	Autumn, Spring
<a href="#">MATH187</a>	Mathematics 1: Algebra and Differential Calculus	6	Autumn
<b>Spring</b>			
<a href="#">BIOL103</a>	Molecules, Cells and Organisms	6	Spring
<a href="#">PHYS142</a>	Fundamentals of Physics B	6	Spring
<b>Select ONE of the following two subjects:</b>			
<a href="#">CHEM102</a>	Chemistry 1B: Structure and	6	Spring

	Reactivity of Molecules for Life		
CHEM105	Foundation Chemistry: Reactions and Structures	6	Spring
<b>Select ONE of the following two subjects:</b>			
MATH142	Essentials of Engineering Mathematics	6	Spring, Summer 2019/2020
MATH188	Mathematics 2: Series and Integral Calculus	6	Spring
<b>Summer</b>			
CHEM106	Foundation Chemistry: Properties and Reactivity of Matter	6	Summer 2019/2020
<b>Year 2</b>			
<b>Autumn</b>			
BIOL213	Principles of Biochemistry	6	Autumn
PHYS205	Advanced Modern Physics	6	Autumn
CHEM212	Organic Chemistry II	6	Autumn
ENGG103	Materials in Design	6	Autumn
<b>Spring</b>			
BNAN201	Biology at the Nanoscale	6	Spring
BIOL215	Introductory Genetics	6	Spring
CHEM213	Molecular Structure, Reactivity and Change	6	Spring
STAT252	Statistics For the Natural Sciences	6	Spring
<b>Year 3</b>			
BNAN301	Research Project in	12	Not

	Bionanotechnology		available in 2019
<b>Autumn</b>			
<a href="#">BIOL343</a>	Techniques in Biotechnology and Medical Research	6	Autumn
<b>Select TWO of the following subjects:</b>			
<a href="#">BIOL340</a>	Cell and Molecular Biology	6	Autumn
<a href="#">MEDI312</a>	Fundamentals of Neuroscience	6	Autumn
<a href="#">CHEM358</a>	Pharmacology	6	Autumn
<a href="#">CHEM374</a>	Molecular Spectroscopy and Structure Elucidation	6	Autumn
<a href="#">CHEM324</a>	Chemical Analysis and Inference	6	Autumn
<a href="#">PHYS305</a>	Quantum Mechanics	6	Autumn
<b>Spring</b>			
<a href="#">CHEM325</a>	Bioinformatics:Genome, Genes and Biomolecules	6	Spring
<a href="#">MATE201</a>	Structure of Materials	6	Spring
<b>Select ONE of the following subjects:</b>			
<a href="#">BIOL214</a>	The Biochemistry of Energy and Metabolism	6	Spring
<a href="#">MATE302</a>	Polymeric Materials	6	Spring
<a href="#">CHEM333</a>	Drug Discovery and Medicinal Chemistry	6	Spring
<a href="#">BIOL341</a>	Immunity and Infection	6	Spring
<a href="#">CHEM360</a>	Organic Synthesis III	6	Spring
<b>Year 4</b>			

**Select either the full-time (48cp) or 48cp of the equivalent part-time subject (2 x 24cp) option below.**

<a href="#">BNAN401</a>	Honours Project in Bionanotechnology (Full Time)	48	Not available in 2019
<a href="#">BNAN402</a>	Honours Project in Bionanotechnology (Part Time)	24	Not available in 2019

\*If you are required to complete [CHEM106](#) as part of your course schedule you may be eligible to substitute an elective subject. Please contact your course coordinator for approval.

Please click the subject codes in the above table for information on sessions of offer for each subject at different locations. For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Progression Requirements

To maintain a place in the Dean's Scholar program, students are normally required to achieve a Weighted Average Mark (WAM) of at least 75% in the 200- and 300-level subjects completed. The performance of each student will be reviewed initially by the Faculty after the completion of 72 credit points. Students not meeting the minimum progression requirements will be required to transfer into the [Bachelor of Bionanotechnology \(Honours\)](#) or [Bachelor of Science](#) degree.

## Honours

The class of Honours awarded is based on a Weighted Average Mark (WAM) formula in accordance with Method 1 in the [General Course Rules Section 8](#).

## Other Information

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Business | 2019

Testamur Title of Degree:	Bachelor of Business
Abbreviation:	BBus
UOW Course Code:	325
CRICOS Code:	075096M
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Business
Intake Session(s):	Autumn/Spring
Delivery Mode:	On Campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 753660 Shoalhaven / 753661 Bateman's Bay / 753662 Bega / 753663 Southern Highlands / 753664 Southern Sydney / 753665 South Western Sydney / 753666

The Bachelor of Business offers a broad education across all key aspects of the business environment including accounting, economics, finance, management and marketing. You can tailor your studies according to your interests by choosing subjects from a particular Business discipline, or you may combine Business electives with subjects from other faculties. The selection of subjects can be made in conjunction with a Course Co-ordinator.

A compulsory capstone subject is undertaken in the final year.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Demonstrate core knowledge of business and organisations.
2	Effectively communicate orally and in writing.
3	Critically analyse business and organisational issues in local, national and international contexts.
4	Demonstrate responsible judgement in decision making.
5	Work effectively with others on shared goals.
6	Use relevant technology for professional purposes.
7	Demonstrate independent learning.

The [Bachelor of Business](#) Curriculum map illustrates where course learning outcomes are taught, practiced and assessed within subjects in the program

## Course Structure

To qualify for award of the degree of Bachelor of Business a candidate shall accrue an aggregate of at least 144 credit points by satisfactory completion of the following core subjects.

Subject Code	subject Name	Credit Points
ACCY111	Accounting Fundamentals In Society	6
COMM101	Principles of Responsible Business	6
COMM121	Statistics for Business	6
ECON100	Economic Essentials for Business	6
FIN 111	Introductory Principles of Finance	6
MGNT110	Introduction to Management	6
MARK101	Marketing Principles	6
<b>Plus at least one subject from the following:</b>		
OPS 113	Business Oriented Information Systems	6
ACCY112	Accounting In Organisations	6
ECON102	Economics and Society	6
MGNT102	Business Communications	6
<b>Capstone subject:</b>		
COMM331	Integrative Business Capstone	6

Plus at least 48 credit points of subjects chosen from the Faculty Schedule of which 18 credit points must be from 300 level Business subjects successfully completed at a pass grade or better.

Plus additional subjects to reach 144 credit points. No more than 72 credit points shall be for 100-level subjects.

**PLEASE NOTE:**

- Please click the subject codes in the above table for information on sessions of offer for each subject at different locations. For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## General Electives



In addition to core and selected subjects, students may complete elective subjects chosen from any UOW subject offerings available at each campus (provided they meet the subject enrolment requirements), to total 144 cps for the degree. Students are encouraged to complete business related electives, listed on the [Subject Database](#). A recommended elective to apply to enrol within their final year of study is the Professional Experience in Business (COMM391).

## Other Information

For further information email: [business-enquiries@uow.edu.au](mailto:business-enquiries@uow.edu.au)

Last reviewed: 5 November, 2018

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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Business - Bachelor of Information Technology | 2019

Testamur Title of Degree:	Bachelor of Business - Bachelor of Information Technology
Abbreviation:	BBus - BIT
UOW Course Code:	369
CRICOS Code:	092392F
Total Credit Points:	216
Duration:	4.5 years full-time or part-time equivalent
Home Faculty:	Faculty of Engineering and Information Sciences
Intake Session(s):	Autumn
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 751400

## Overview

The Bachelor of Business offers a broad education across all key aspects of the business environment. In addition to studying the essential core disciplines of accounting, economics, finance, management and marketing, and allows students to focus on their interests by choosing electives from a particular Business discipline.

The Bachelor of Information Technology offers graduates key skills required for any IT professional such as: organisational areas in IT; database management; programming; information systems analysis and design; communications and networks; security; eBusiness; project management; web-based technology; and professional practice in IT.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

The outcomes, which are common and consolidated in this joint degree, ensure that on successful completion of the course students will be able to:

CLO	Description
1	Demonstrate sound disciplinary knowledge;
2	Investigate and solve problems using discipline specific approaches
3	Work as part of a team; and
4	Investigate, solve and critically interpret practical and/or abstract problems using mathematical and/or statistical methods, including appropriate software tools.

## Course Structure

To qualify for the degree of the Bachelor of Business - Bachelor of Information Technology, a candidate must complete at least 216 credit points made up of:

1. all compulsory (core) subjects in the [Bachelor of Business](#), except [COMM113](#)

- Business Oriented Information Systems [54 credit points];
2. at least 48 additional credit points from the Faculty of Business subjects, of which at least 18 credit points must be from 300 level Business subjects
  3. all compulsory (core) subjects in the [Bachelor of Information Technology](#) [96 credit points];
  4. an additional 18 credit points from the [School of Computing and Information Technology 100- 300 level subjects](#), of which at least 12 credit points must be from 300 level subjects;
  5. no more than 90 credit points shall be at 100 level.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">ACCY111</a>	Accounting Fundamentals In Society	6	Autumn, Spring
<a href="#">COMM101</a>	Principles of Responsible Business	6	Autumn, Spring
<a href="#">CSIT111</a>	Programming Fundamentals	6	Autumn, Spring
<a href="#">CSIT114</a>	System Analysis	6	Autumn
<a href="#">COMM121</a>	Statistics for Business	6	Autumn, Spring, Summer 2019/2020
<a href="#">ECON100</a>	Economic Essentials for Business	6	Autumn, Spring
<a href="#">CSIT121</a>	Object Oriented Design and Programming	6	Autumn, Spring
<a href="#">CSIT115</a>	Data Management and Security	6	Autumn, Spring
<b>Year 2</b>			
<a href="#">FIN 111</a>	Introductory Principles of Finance	6	Autumn, Spring, Summer 2019/2020
<a href="#">MGNT110</a>	Introduction to	6	Autumn, Spring,

	Management		Summer 2019/2020
MARK101	Marketing Principles	6	Autumn, Spring, Summer 2019/2020
CSIT113	Problem Solving	6	Autumn
CSIT127	Networks and Communications	6	Spring
CSIT128	Introduction to Web Technology	6	Spring
CSIT226	Human Computer Interaction	6	Spring
<b>Plus at least one subject from the following</b>			
ACCY112	Accounting In Organisations	6	Autumn, Spring, Summer 2019/2020
ECON102	Economics and Society	6	Autumn, Spring
MGNT102	Business Communications	6	Autumn, Spring, Summer 2019/2020
<b>Year 3</b>			
CSIT214	IT Project Management	6	Autumn, Spring
MATH223	Mathematics for Information Technology	6	Autumn
ISIT204	Principles of eBusiness	6	Spring
ISIT224	Management Information Systems	6	Spring
<b>Plus 24 credit points of Faculty Business subjects</b>			
<b>Year 4</b>			
ISIT219	Knowledge and Information Engineering	6	Autumn

CSIT314	Software Development Methodologies	6	Autumn
<b>Plus 12 credit points of 300 level ISIT subjects</b>			
CSIT321	Project	12	Annual, Spring 2019/Autumn 2020
<b>Plus 12 credit points of Faculty Business subjects</b>			
<b>Plus 6 credit points of CSIT or ISIT subjects</b>			
<b>Year 5</b>			
COMM331	Integrative Business Capstone	6	Autumn, Spring
<b>Plus 12 credit points of Faculty Business subjects</b>			

## Majors

Majors are not available in the Bachelor of Business course.

The option to complete a major is available in the Bachelor of Information Technology, however students enrolled in this double degree should be aware that undertaking a major may require a long duration and more credit points. Refer to the School of Computing and Information Technology for majors available in the Bachelor of Information Technology degree.

Students can consult with Academic Program Directors in the relevant schools concerning the selection of appropriate subjects.

## Honours

The [Bachelor of Information Technology \(Honours\)](#) is available for students who have an undergraduate degree in Information Technology and who wish to undertake a research project as part of an add-on Honours year. Academic requirements are available from the Course Finder.

## Professional Recognition/Accreditation

The Bachelor of Information Technology is accredited by the Australian Computer Society as meeting the requirements for membership at the "Professional Level".

## Other Information

For further information email: [business-enquiries@uow.edu.au](mailto:business-enquiries@uow.edu.au) or  
[eis@uow.edu.au](mailto:eis@uow.edu.au)

Last reviewed: 8 October, 2019

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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Business - Bachelor of Laws

Testamur Title of Degree:	Bachelor of Business - Bachelor of Laws
Abbreviation:	BBus - LLB
UOW Course Code:	373
CRICOS Code:	094713M
Total Credit Points:	240
Duration:	5 years full-time or part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn / Spring
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	South Western Sydney / 751220



\*Students interested in studying this degree part-time should consult with the Law Head of Students by contacting [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au).

## Overview

A Bachelor of Business - Bachelor of Laws from UOW equips you with a comprehensive legal education: a world-class degree that provides a thorough grounding in the law, as well as a real-world focus on the essential practical skills and the social and ethical context in which the law operates.

Combining Law with Business will give you the ability to think critically in both a legal and commercial sense when faced with situations in your future employment. This blend of study outlines how law can impact and regulate the business world.

We believe that practical experience is a vital part of your legal training. We are the only law school in New South Wales that requires you to complete a legal internship, providing highly valued industry experience.

We are committed to social justice and providing a legal education that engages with the complexities of law's intersection with society.

This double degree delivers a practical and contextual legal education that prepares graduates not only for traditional careers in the legal profession but also for a wide range of careers in government, business and community organisations – as leaders, innovators and problem solvers.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

The outcomes, which are common and consolidated in this joint degree, ensure that on successful completion of the course students will be able to:

CLO	Description
1	Demonstrate core and disciplinary knowledge of business, organisations and the Australian legal system;
2	Apply ethical principles to a range of contexts;

3	Apply reasoning and critical analysis to generate appropriate business, organisational and legal responses;
4	Communicate effectively orally and in writing.

Please refer to the [Course Handbook](#) page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

To qualify for award of the degree, the Bachelor of Business - Bachelor of Laws, a candidate must successfully complete at least 240 credit points, comprised of:

1. All compulsory Law subjects as outlined in the schedule below;
2. 30 credit points of electives from the [Bachelor of Laws \(Graduate Entry\)](#);
3. subjects to the value of at least 96 credit points from the [Bachelor of Business](#) Course Program, including;
  - a. \*core subjects (including the capstone subject) (48 credit points)
  - b. 48 credit points of Business subjects of which 18cp must be at 300 level.

Note:

- \*Students are not required to take [OPS 113](#), [ACCY112](#), [ECON102](#), or [MGNT102](#) from the Bachelor of Business core.
- Where any subjects have the prefix LAW, the equivalent Bachelor of Laws subjects (LLB) must be substituted.

Subject Code	Subject Name	Credit Points
<b>Year 1</b>		
<a href="#">LLB1100</a>	Foundations of Law	6
<a href="#">LLB1115</a>	Legal Skills	6
<a href="#">LLB1120</a>	Law of Contract A	6
<a href="#">LLB1130</a>	Criminal Law and Procedure A	6
<a href="#">LLB1160</a>	Interpreting the Law	6
<a href="#">LLB1170</a>	Law of Contract B	6
<a href="#">LLB1180</a>	Criminal Law and Procedure B	6
<a href="#">LLB1197</a>	Legal Ethics & Professional Responsibility	6

<b>Year 2</b>		
<a href="#">LLB2220</a>	Property Law	6
<a href="#">LLB2230</a>	Administrative Law	6
<a href="#">LLB2270</a>	Equity and Trusts	6
<a href="#">LLB2280</a>	Constitutional Law	6
Subjects from the Business schedule		
<b>Year 3</b>		
<a href="#">LLB2225</a>	Advanced Legal Skills	6
<a href="#">LLB2240</a>	Law of Torts	6
<a href="#">LLB2290</a>	Jurisprudence	6
<a href="#">LLB3397</a>	Legal Internship	3
1 LLB Elective		
Subjects from the Business schedule		
<b>Year 4</b>		
<a href="#">LLB3300</a>	Remedies and Civil Procedure	6
<a href="#">LLB3301</a>	Evidence	6
<a href="#">LLB3302</a>	Law of Business Organisations	6
1 LLB Elective		
Subjects from the Business schedule		
<b>Year 5</b>		
<b>3 LLB Electives</b>		
<a href="#">LLB3399</a>	Law, Justice and Professional Practice	3
Subjects from the Business schedule		

### **Part-time Study**

A student is considered part-time when they are enrolled in less than 75% of the standard load for a session. If you are seeking to complete your undergraduate law degree part-time, you are required to complete a minimum of 12 credit points (2 subjects) per session. Please refer to the [Recommended Study Sequence](#) for information.

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## **Compulsory Work Placement / Online Components**

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

Law students will complete a Legal Internship subject (LLB3397). This subject is the vehicle for a practical placement designed to expose students to the application of the law in practice; enable students to understand the importance of developing the skills of legal research; communication, drafting, practice management and problem solving; and enable students to observe and reflect upon the values, ethical standards and conduct of the legal profession in practice.

This course contains a total of 140 hours over 4 weeks of compulsory work-based placements. This course may also contain compulsory components to be completed online.

## **Law Professional Recognition/Accreditation**

The UOW Bachelor of Laws (single LLB or in combination with another degree) is accredited by the Legal Profession Admission Board (LPAB) as satisfying the academic requirements necessary for admission to the Australian legal profession. On completion of the Bachelor of Laws, a student who wishes to practise as a barrister or solicitor must also undertake some form of professional practical training, the requirements for which vary between each state and territory of Australia.

In New South Wales, a student who intends to qualify for admission to practice is required to undertake a practical legal training (PLT) course accredited by the LPAB, followed by or incorporating a period of practical experience in a law-related setting. Practical experience gained by students in [LLB3397](#) Legal Internship may be counted towards this practical experience requirement. Graduates should check with their PLT provider. A

list of LPAB accredited PLT courses can be found on the [LPAB website](#).

Students who intend to practise as solicitors after admission will be subject to a period of restricted practice and the mandatory continuing legal education requirements. Further information is available from the [Law Society of New South Wales](#). Students who intend to practise as barristers after admission will be required to read with a senior barrister for a period of time and to undertake the Bar Readers' Course and Bar Examination before being qualified to take briefs on their own account. Further information is available from the [New South Wales Bar Association](#)

## Honours

High achieving students enrolled in this double degree may consult with the [Honours Coordinator in Law](#) regarding the possibility of transferring into an [Honours Law](#) degree.

A student who successfully transfers into an Honours program but does not meet the minimum performance standards required for the award of Honours will be permitted to transfer back to the double degree in which they were enrolled immediately prior to the transfer into the Honours course, and will be awarded credit for the number of credit points passed in the Honours degree.

## Other Information

The University of Wollongong attempts to ensure the information contained in the Course Handbook is correct at the time of publication. However, courses may be amended without notice by the University in response to changing circumstances or for any other reason. Check with the University for updated information.

For further information email: Law - [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au); Business - [business-enquiries@uow.edu.au](mailto:business-enquiries@uow.edu.au)

Last reviewed: 19 July, 2019

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# 2019 Undergraduate Courses

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Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Business Information Systems | 2019

Testamur Title of Degree:	Bachelor of Business Information Systems
Abbreviation:	BBusInfoSys
UOW Course Code:	1838
CRICOS Code:	068718M
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Engineering & Information Sciences
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 754500 South Western Sydney / 754505

## Overview

Business Information analysts are involved in the analysis, design, implementation, maintenance and enhancement of computer based information systems critical to the successful operation of modern organisations. They require a sound understanding of the business requirements for the systems they design and must deal with users at all levels within an organisation.

UOW's Bachelor of Business Information Systems degree is specifically designed to prepare you for a career as a systems analyst or as an information systems specialist in a business, government, or a non-profit environment.

The program emphasises theoretical understanding and practical skills and involves working with a wide range of hardware and software tools, using state-of-the-art computing facilities. Real life projects will ensure your skills meet industry requirements.

The Bachelor of Business Information Systems is accredited by the Australian Computer Society as meeting the requirements for membership at the "Professional level".

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Demonstrate theoretical and technical knowledge of business information systems and the ability to apply this knowledge in developing effective information systems.
2	Perform analysis and design in developing computer applications within business contexts.
3	Develop effective systems implementation within business contexts.
4	Think creatively in identifying effective system solutions for business problems.
5	Function effectively as part of a team to accomplish a set of common



	goals and objectives and communicate with project stake holders.
6	Apply informed professional judgments regarding ethical and responsible decision making with consideration of related social responsibilities.
7	Reflect upon work practices, tools and frameworks for ongoing professional development.

## Course Structure

To qualify for award of the degree, the Bachelor of Business Information Systems, candidates must satisfactorily complete at least 144 credit points, comprised of the following:

- 138 credit points of core subjects, as set out in the Bachelor of Business Information Systems Core Subject List, and
- One (1) elective subject (6 credit points), chosen from the General Schedule, School of Computing and Information Technology [Subject List](#) or Business Schedules.

Note:

- A maximum of 60 credit points of 100-level subjects can be undertaken as part of the Bachelor of Business Information Systems degree.
- The Faculty encourages the development of ICT skills and knowledge in the workplace through industry placement. Completion of [ISIT200](#) Industry Placement, which is a minimum of a single 8-week period of approved industry placement, assessed in the form of written reports is highly recommended to all students to complete this placement.

## Core Subject List

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">CSIT111</a>	Programming Fundamentals	6	Autumn, Spring
<a href="#">CSIT113</a>	Problem Solving	6	Autumn
<a href="#">CSIT114</a>	System Analysis	6	Autumn
<a href="#">CSIT115</a>	Data Management & Security	6	Autumn, Spring
<a href="#">CSIT121</a>	Object Oriented Design & Programming	6	Autumn, Spring

<a href="#">CSIT127</a>	Networks and Communications	6	Spring
<a href="#">CSIT128</a>	Introduction to Web Technology	6	Spring
<a href="#">MGNT110</a>	Introduction to Management	6	Autumn, Spring
<b>Year 2</b>			
<a href="#">CSIT214</a>	IT Project Management	6	Autumn, Spring
<a href="#">ISIT204</a>	Principles of eBusiness	6	Spring
<a href="#">ISIT224</a>	Management Information Systems	6	Spring
<a href="#">CSIT226</a>	Human Computer Interaction	6	Spring
<a href="#">MATH223</a>	Mathematics for Information Technology	6	Autumn
Plus 3 Business subjects as listed in the Business Electives List below or 2 Business subjects as listed in the Business Electives List as well as <a href="#">CSIT110</a> (Fundamental Programming with Python) offered in the School of Computing and Information Technology.		18	
<b>Year 3</b>			
<a href="#">CSIT314</a>	Software Development Methodologies	6	Autumn
<a href="#">CSIT321</a>	Project	12	Annual, Spring 2019/Autumn 2020
Plus 1 Business subject as listed below		6	
Plus 3 CSCI-300 or ISIT-300 level subjects		18	

Plus 1 elective from the <a href="#">General Schedule</a> , School of Computing and Information Technology <a href="#">Subject List</a> or Business Schedule	6
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## Business Electives List

Subject Code	Subject Name	Credit Points	Session(s)
<b>Accounting</b>			
<a href="#">ACCY111</a>	Accounting Fundamentals In Society	6	Autumn, Spring
<a href="#">ACCY112</a>	Accounting In Organisations	6	Autumn, Spring, Summer
<b>Management</b>			
<a href="#">MGNT102</a>	Business Communications	6	Autumn, Spring, Summer
<a href="#">MGNT206</a>	Managing Human Resources	6	Autumn, Spring
<a href="#">MGNT201</a>	Organisational Behaviour	6	Autumn
<a href="#">MGNT220</a>	Organisational Analysis	6	Spring
<a href="#">OPS_200</a>	Management and Electronic Business	6	Autumn
<a href="#">MGNT311</a>	Management of Change	6	Spring
<a href="#">COMM121</a>	Statistics for Business	6	Autumn, Spring, Summer
<b>Marketing</b>			
<a href="#">MARK101</a>	Marketing Principles	6	Autumn, Spring, Summer
<a href="#">MARK213</a>	Introduction to	6	Autumn, Spring

	Marketing		
<b>Economics</b>			
<a href="#">ECON100</a>	Economic Essentials for Business	6	Autumn, Spring
<a href="#">ECON101</a>	Macroeconomic Essentials for Business	6	Not on offer in 2019

## Professional Recognition/Accreditation

The Bachelor of Business Information Systems is accredited by the [Australian Computer Society](#) as meeting the requirements for membership at the "Professional level".

## Other Information

For further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or [Academic Course Director](#)

Last reviewed: 11 October, 2018

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Students are to follow the requirements of the **Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Business Information Systems (Dean's Scholar) | 2019

Testamur Title of Degree:	Bachelor of Business Information Systems (Dean's Scholar)
Abbreviation:	BBusInfoSys(Dean'sSchol)
UOW Course Code:	1839
CRICOS Code:	081888F
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Engineering & Information Sciences
Intake Session(s):	Autumn
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 754510
Additional	<a href="#">Course Finder</a>

Information:

## Overview

Dean's Scholars degrees are highly recognisable, giving students the edge in competitive employment. The degree offers a challenging and enriched educational experience for high-achieving students who want to perform above the level normally expected. Students are also encouraged to continue their studies through the completion of Honours and research programs.

Students complete the normal course requirements for the degree, but receive special privileges as they study such as accelerated learning, where possible, and academic mentoring. Dean's Scholars are also encouraged to contribute to the scholarly life of the Faculty through events in the Faculty's postgraduate program.

Places are limited each year. Current students who have achieved a weighted average mark (WAM) of 80 at the end of one year of full-time study in a relevant degree may apply to transfer to the Dean's Scholar degree.

The Bachelor of Business Information Systems (Dean's Scholar) is accredited by the Australian Computer Society as meeting the requirements for membership at the "Professional level".

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Demonstrate theoretical and technical knowledge of business information systems and the ability to apply this knowledge in developing effective information systems.
2	Perform analysis and design in developing computer applications within business contexts.
3	Develop effective systems implementation within business contexts.
4	Think creatively in identifying effective system solutions for business

	problems.
5	Function effectively as part of a team to accomplish a set of common goals and objectives and communicate with project stake holders.
6	Apply informed professional judgements regarding ethical and responsible decision making with consideration of related social responsibilities.
7	Reflect upon work practices, tools and frameworks for ongoing professional development.
8	Exercise critical thinking and judgement in the composition of a research-based project demonstrating understanding business information systems.

## Course Structure

Course programs for the Dean's Scholars degrees are identical to the current non-Dean's Scholars degrees apart from the completion of [CSIT395](#) Dean's Scholar Research Project.

Continuation in the Dean's Scholars degrees will normally be dependent on the student achieving a WAM of at least 80 in each year of study. Students who do not meet the required average will be transferred to the equivalent non-Dean's Scholars degree.

Please note that the Dean's Scholars Program is not offered to part-time students and is only available to International Students who are eligible to apply through UAC (for new students), or who have completed one year of full-time study at UOW (for current students). The program is not offered for double degrees and is not a scholarship.

Students who enrol in Bachelor of Business Information Systems must satisfactorily complete at least 144 credit points consisting of the following:

- a. 138 credit points as outlined in the Bachelor of Business Information Systems Core Subject list;
- b. at least 6 credit points from the [General Schedule](#);
- c. a maximum of 60 credit points of 100-level subjects can be undertaken as part of the Bachelor of Business Information Systems degree.

The Faculty encourages the development of ICT skills and knowledge in the workplace through industry placement. Completion of [ISIT200](#) Industry Placement, which is a minimum of a single 8-week period of approved industry placement, assessed in the form of written reports is highly recommended to all students to complete this placement.

## Core Subject List

Subject	Subject Name	Credit	Session(s)
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Code		Points	
<b>Year 1</b>			
CSIT111	Programming Fundamentals	6	Autumn, Spring
CSIT113	Problem Solving	6	Autumn
CSIT114	System Analysis	6	Autumn
CSIT115	Data Management & Security	6	Autumn, Spring
CSIT121	Object Oriented Design & Programming	6	Autumn, Spring
CSIT127	Networks and Communications	6	Spring
CSIT128	Introduction to Web Technology	6	Spring
MGNT110	Introduction to Management	6	Autumn, Spring
<b>Year 2</b>			
CSIT214	IT Project Management	6	Autumn, Spring
CSIT226	Human Computer Interaction	6	Spring
MATH223	Mathematics for Information Technology	6	Autumn
ISIT204	Principles of eBusiness	6	Spring
ISIT224	Management Information Systems	6	Spring
Plus 3 Business subjects as listed below		6	
<b>Year 3</b>			
CSIT314	Software Development Methodologies	6	Autumn

<a href="#">CSIT395</a>	Dean's Scholar Research Project	6	Autumn, Spring
<a href="#">CSIT321</a>	Project	12	Annual, Spring 2019/Autumn 2020
Plus 1 Business subject as listed below		6	
Plus 2 <a href="#">CSCI300</a> or <a href="#">ISIT300</a> level subjects		12	
Plus 1 elective from the <a href="#">General Schedule</a> , School of Computing and Information Technology <a href="#">Subject List</a> or Business subjects		6	

## Business Electives List

Subject Code	Subject Name	Credit Points	Session(s)
<b>Accounting</b>			
<a href="#">ACCY111</a>	Accounting Fundamentals In Society	6	Autumn, Spring
<a href="#">ACCY112</a>	Accounting In Organisations	6	Autumn, Spring, Summer
<b>Management</b>			
<a href="#">COMM121</a>	Statistics for Business	6	Autumn, Spring, Summer
<a href="#">MGNT102</a>	Business Communications	6	Autumn, Spring, Summer
<a href="#">MGNT201</a>	Organisational Behaviour	6	Autumn
<a href="#">MGNT206</a>	Managing Human	6	Autumn, Spring

	Resources		
<a href="#">MGNT220</a>	Organisational Analysis	6	Spring
<a href="#">OPS 200</a>	Management and Electronic Business	6	Autumn
<a href="#">MGNT311</a>	Management of Change	6	Spring
<b>Marketing</b>			
<a href="#">MARK101</a>	Marketing Principles	6	Autumn, Spring, Summer
<a href="#">MARK213</a>	Marketing Principles	6	Autumn, Spring
<b>Economics</b>			
<a href="#">ECON100</a>	Economic Essentials for Business	6	Autumn, Spring
<a href="#">ECON101</a>	Macroeconomic Essentials for Business	6	Not on offer in 2019

## Professional Recognition/Accreditation

The Bachelor of Business Information Systems (Dean's Scholar) is accredited by the [Australian Computer Society](#) as meeting the requirements for membership at the "Professional level".

## Other Information

Further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au)

Last reviewed: 8 March, 2019

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Business Information Systems (Honours) | 2019

Testamur Title of Degree:	Bachelor of Business Information Systems (Honours)
Abbreviation:	BBusInfoSys(Hons)
UOW Course Code:	1840
CRICOS Code:	068719K
Total Credit Points:	48
Duration:	1 year full-time or part-time equivalent
Home Faculty:	Faculty of Engineering & Information Sciences
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus:	Wollongong

## Overview

The Bachelor of Business Information Systems Honours is for students who have an undergraduate degree in Information Systems, or equivalent, and who wish to undertake a research project as part of an add-on Honours year.

The course combines 30 credit points of 400-level coursework and an 18 credit points research project. The 400-level coursework provides a background in Information Systems similar to that found in a Masters degree. The research project allows students to identify a viable research problem; design an appropriate methodology to achieve the objectives of the project; follow the methodology to gather and analyse data to satisfy the objectives; and to write the whole as a comprehensive research report or thesis.

Students successfully completing this course will have a good understanding of the research process and will have applied that process to a small but significant research project. They will also have studied a number of coursework subjects, predominantly in the area of IS and IT management. This will significantly extend the skills developed in their undergraduate degree.

This degree is highly sought after in industry and provides an excellent pathway to a PhD.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Research, synthesise, reinterpret and apply key information, and utilise informed judgement in information systems design, and project planning
2	Work as an individual, and as a member of a team, in a manner consistent with ethical and professional standards.
3	Employ independent learning strategies, to update professional knowledge in information systems of innovations techniques, research industry trends and standards.

## Course Structure

The program of study for Bachelor of Information Systems (Honours) is 48 credit points and will include:

Subject Code	Subject Name	Credit Points	Session(s)
CSIT440	IT Research Methodology	6	Autumn, Spring
ISIT450	Information Systems & Technology Research Report	18	Annual, Spring 2019/Autumn 2020
<b>Plus 24cp of coursework taken from:</b>			
ISIT401	Information Systems Strategic Planning	6	Autumn
ISIT404	Systems Integration	6	Spring
ISIT405	Technology Management and Innovation	6	Not offered in 2019
ISIT406	Information Design and Content Management	6	Spring
ISIT408	IT Governance	6	Autumn
ISIT410	IT-enabled Supply Chain Management	6	Spring
ISIT417	Business Intelligence and Knowledge Management	6	Autumn
ISIT429	Concepts and Issues in Healthcare Computing	6	Spring
ISIT430	Introduction to Health Informatics	6	Autumn
ISIT437	Information Technology Security and Risk Management	6	Autumn
ISIT446	Project and Change	6	Spring

	Management		
ISIT492	Special Topics in IS and IT B	6	Not offered in 2019
<b>or other 300- and 400-level subjects as approved by the Head of School.</b>			

## Honours Grades

Honours grades are calculated using Method 1. For more information please see the [General Course Rules](#).

## Other Information

For further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or [Academic Program Director](#)

Last reviewed: 11 October, 2018

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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Commerce | 2019

Testamur Title of Degree:	Bachelor of Commerce
Abbreviation:	BCom
UOW Course Code:	710
CRICOS Code:	027464A
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Business
Intake Session(s):	Autumn/Spring
Delivery Mode:	On Campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 753602 (All majors) Shoalhaven / 753603 (Accountancy/Management) Bateman's Bay / 753604 (Accountancy/Management) Bega / 753605 (Accountancy/Management)

Southern Highlands / 753606  
(Accountancy/Management)  
South Western Sydney / 753608  
(Accountancy/Management/Marketing)  
Southern Sydney / 753607  
(Accountancy/Management)

## Overview

This degree is designed for students who would like to undertake a degree in the principle areas of business and commerce. It is suitable preparation for students who would like to become professionals in a particular discipline or want to pursue a general career in business. The degree consists of compulsory core subjects including a capstone subject and a major must be undertaken. The aim is to provide a foundation for the understanding of the business and commercial environment.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Demonstrate core knowledge of business and organisations and major disciplinary knowledge.
2	Effectively communicate orally and in writing
3	Critically analyse business and organisational issues in local, national and international contexts.
4	Demonstrate responsible judgement in decision making
5	Work effectively with others on shared goals
6	Use relevant technology for professional purposes
7	Demonstrate independent learning

The [Bachelor of Commerce Curriculum map](#) illustrates where course learning outcomes are taught, practiced and assessed within subjects in the program

## Course Structure

To qualify for award of the degree of Bachelor of Commerce a candidate shall accrue an aggregate of at least 144 credit points including 54 cps of core subjects listed below.

Students will select at least one major study comprising 48 credit points and, additionally may chose a minor study comprising 24 cps. Students may also choose subjects from the general schedule in order to complete a total of 144 cps.

No more than 72 credit points of 100 level subjects shall be completed.

Subject Code	Subject Name	Credit Points
<b>Core</b>		
<a href="#">ACCY111</a>	Accounting Fundamentals In Society	6
<a href="#">COMM101</a>	Principles of Responsible Business	6
<a href="#">COMM121</a>	Statistics for Business	6
<a href="#">ECON100</a>	Economic Essentials for Business	6
<a href="#">FIN 111</a>	Introductory Principles of Finance	6
<a href="#">MGNT110</a>	Introduction to Management	6
<a href="#">MARK101</a>	Marketing Principles	6
<b>Plus at least one subject from the following ** :</b>		
<a href="#">OPS 113</a>	Business Oriented Information Systems	6
<a href="#">ACCY112</a>	Accounting In Organisations	6
<a href="#">ECON102</a>	Economics and Society	6
<a href="#">MGNT102</a>	Business Communications	6
<b>Plus one capstone subject</b>		

<a href="#">COMM331</a>	Integrative Business Capstone	6
-------------------------	-------------------------------	---

Please click the subject codes in the above table for information on sessions of offer for each subject at different locations. For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

**\*\* PLEASE NOTE:**

- Students majoring in Accountancy, Finance or Financial Planning must undertake ACCY112.
- Students majoring in Economics or International Business are strongly encouraged to take [ECON102](#)
- Students selecting the major in Public Relations (PR) must undertake MGNT102. [MGNT102](#) is a required subject for the PR major. To ensure you have completed the 144 credit points required for your degree you will need to select ONE more 6 credit point Faculty of Business elective subject.
- For students planning to complete a double major OR a double degree please consult an academic advisor.
- Please note all majors are available at Wollongong campus, however a limited selection of majors are available at other campuses. Majors in Accountancy and Management are offered at Shoalhaven, Batemans Bay, Bega, Southern Highlands and Southern Sydney campuses. Majors in Accountancy, Management and Marketing are offered at South Western Sydney Campus.

## Major Study Areas

- [Accountancy](#)
- [Business Law](#)
- [Economics](#)
- [Finance](#)
- [Financial Planning](#)
- [Human Resource Management](#)
- [International Business](#)
- [Management](#)
- [Marketing](#)
- [Public Relations](#)
- [Supply Chain Management](#)

A single core first year subject is permitted to count towards a major, however students must ensure they complete the minimum 144 credit points and meet all requirements for the degree.

A single subject may count towards two different majors. However, such double counting can apply to only one, 6 credit point subject. Thus completing a second major will require the completion of an additional 42 to 48 credit specified credit points. Where two or more subjects are common to

two majors, the relevant Discipline Leader will designate a replacement subject.

## Minor Study Areas

[Bachelor of Commerce Minor Study Areas](#): Accountancy; Business Information Systems; Business Law; Economics; Finance; Human Resource Management; International Business; International Economics; Management; Marketing; Public Relations; Supply Chain Management.

To satisfy the requirements of a minor study a student shall complete the listed subjects for the minor.

A single core first year subject is permitted to count towards a minor, however students must ensure they complete the minimum 144 credit points and meet all requirements for the degree.

Students may complete one or more of the designated minors but the completion of a minor is not a degree requirement. A minor cannot be completed in the same discipline as a major, for example an Accountancy Major with an Accountancy Minor. A single subject may not count towards a major and minor or towards two minors: double counting is not permitted when completing a minor. Thus completing each minor may require an additional 24 credit points if a single core subject is not included in the minor. Where one (or more) subject(s) is common to a major and a minor or to different minors, the relevant Discipline Leader will designate a replacement subject(s).

### **PLEASE NOTE:**

Subject and session offerings may change prior to the commencement of session. Students are advised to check the latest information available on the [Subject Database](#).

## General Electives

In addition to core and selected major(s)/minor(s) subjects, students may complete elective subjects chosen from any UOW subject offerings (provided they meet the subject enrolment requirements), to total 144 cps for the degree. Students are encouraged to complete business related electives, listed on the [Subject Database](#). A recommended elective to apply to enrol within their final year of study is the Professional Experience in Business (COMM391).

## Other Information

For further information email: [business-enquiries@uow.edu.au](mailto:business-enquiries@uow.edu.au)

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# 2019 Undergraduate Courses

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Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Commerce (Dean's Scholar) | 2019

Testamur Title of Degree:	Bachelor of Commerce (Dean's Scholar)
Abbreviation:	BCom(Dean'sSchol)
UOW Course Code:	710_2
CRICOS Code:	081887G
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Business
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 753610 Batemans Bay / 753612 Bega / 753613 Shoalhaven / 753611



Southern Sydney / 753615  
Southern Highlands / 753614

\* First and second year subjects can also be completed at the following locations:

- UOW Batemans Bay - UAC 753612
- UOW Bega - UAC 753613
- Shoalhaven Campus - UAC 753611
- UOW Southern Highlands - UAC 753614
- UOW Southern Sydney - UAC 753615

## Overview

The Bachelor of Commerce (Dean's Scholar) program is designed for high achieving students who wish to undertake a degree in the principle areas of business and commerce and would like to pursue a career in business or a specific professional discipline. The Dean's Scholar program is suitable for those students who wish to continue their studies through the completion of honours and/or research degrees. Dean's Scholars receive one-to-one academic mentoring and have special opportunities to attend workshops and seminars.

The degree includes a book allowance, extended library borrowing rights, mentoring, leadership development and access to work experience.

Students must maintain a distinction average across all subjects to continue in the course.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Demonstrate core knowledge of business and organisations and disciplinary knowledge of major(s).
2	Effectively communicate orally and in writing.

3	Critically analyse business and organisational issues in local, national and international contexts
4	Demonstrate responsible judgement in decision making.
5	Work effectively with others on shared goals.
6	Use relevant technology for professional purposes.
7	Demonstrate independent learning.
8	Plan and execute a research project.

The [Bachelor of Commerce \(Dean's Scholar\) Curriculum map](#) illustrates where course learning outcomes are taught, practiced and assessed within subjects in the program

## Course Structure

To qualify for award of the degree of Bachelor of Commerce (Dean's Scholar) a candidate shall accrue an aggregate of at least 144 credit points, including 54 credit points of core subjects (inclusive of the capstone subject) listed below.

Students will select at least one major study comprising 48 credit points and, additionally may choose a minor study comprising 24 credit points. Students may also choose subjects from the general schedule in order to complete a total of 144 credit points. No more than 72 credit points of 100-level subjects shall be completed.

Subject Code	Subject Name	Credit Points
<a href="#">ACCY111</a>	Accounting Fundamentals In Society	6
<a href="#">COMM101</a>	Principles of Responsible Business	6
<a href="#">COMM121</a>	Statistics for Business	6
<a href="#">ECON100</a>	Economic Essentials for Business	6
<a href="#">FIN111</a>	Introductory Principles of Finance	6
<a href="#">MGNT110</a>	Introduction to Management	6
<a href="#">MARK101</a>	Marketing Principles	6
Plus at least ONE subject from the following:		

OPS113	Business Oriented Information Systems	6
<a href="#">ACCY112</a>	Accounting In Organisations	6
<a href="#">ECON102</a>	Economics and Society	6
<a href="#">MGNT102</a>	Business Communications	6
Capstone subject:		
<a href="#">COMM333</a>	Integrative Research Capstone	6

**PLEASE NOTE:**

- Please click the subject codes in the above table for information on sessions of offer for each subject at different locations. For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.
- Students majoring in Accountancy, Finance or Financial Planning must undertake ACCY112.
- Students majoring in Economics or International Business are strongly encouraged to take ECON102.
- Students selecting the major in Public Relations (PR) must undertake MGNT102. [MGNT102](#) is a required subject for the PR major. To ensure you have completed the 144 credit points required for your degree you will need to select ONE more 6 credit point Faculty of Business elective subject. For students planning to complete a double major OR a double degree please consult an academic advisor.

## Major Study Areas

Major study course structures listed within Bachelor of Commerce course handbook page.

- [Accountancy](#)
- [Business Law](#)
- [Economics](#)
- [Finance](#)
- [Financial Planning](#)
- [Human Resource Management](#)
- [International Business](#)
- [Management](#)
- [Marketing](#)
- [Public Relations](#)
- [Supply Chain Management](#)

To satisfy the requirements of a major study a student shall complete the Bachelor of Commerce core subjects as listed in the course requirement,

plus one capstone subject and 48 credit points listed for the major.

A single core first year subject is permitted to count towards a major, however students must ensure they complete the minimum 144 credit points and meet all requirements for the degree.

A single subject may count towards two different majors. However, such double counting can apply to only one, 6 credit point subject. Thus completing a second major will require the completion of an additional 42 to 48 credit specified credit points. Where two or more subjects are common to two majors, the relevant Discipline Leader will designate a replacement subject.

Candidates for this degree will be required to maintain a Weighted Average Mark (WAM) of at least 75 each year to continue in the program.

## Minor Study Areas

[BCom Minor Study Areas](#) (Accountancy; Business Information Systems; Business Law; Economics; Finance; Human Resource Management; International Business; International Economics; Management; Marketing; Public Relations; Supply Chain Management).

To satisfy the requirements of a minor study a student shall complete the listed subjects for the minor.

A single core first year subject is permitted to count towards a minor, however students must ensure they complete the minimum 144 credit points and meet all requirements for the degree.

Students may complete one or more of the designated minors but the completion of a minor is not a degree requirement. A minor cannot be completed in the same discipline as a major, for example an Accountancy Major with an Accountancy Minor. A single subject may not count towards a major and minor or towards two minors: double counting is not permitted when completing a minor. Thus completing each minor may require an additional 24 credit points if a single core subject is not included in the minor. Where one (or more) subject(s) is common to a major and a minor or to different minors, the relevant Discipline Leader will designate a replacement subject(s).

PLEASE NOTE: Subject and session offerings may change prior to the commencement of session. Students are advised to check the latest information available on the [Subject Database](#).

## General Electives

In addition to core and selected major(s)/minor(s) subjects, students may complete elective subjects chosen from any UOW subject offerings (provided

they meet the subject enrolment requirements), to total 144 cps for the degree. Students are encouraged to complete business related electives, listed on the [Subject Database](#). A recommended elective to apply to enrol within their final year of study is the Professional Experience in Business (COMM391).

## Other Information

For further information email: [business-enquiries@uow.edu.au](mailto:business-enquiries@uow.edu.au)

Last reviewed: 5 November, 2018

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Commerce (Honours) | 2019

Testamur Title of Degree:	Bachelor of Commerce (Honours)
Abbreviation:	BCom(Hons)
UOW Course Code:	711
CRICOS Code:	001710F
Total Credit Points:	48
Duration:	1 year full-time or part-time equivalent
Home Faculty:	Faculty of Business
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus :	Wollongong

## Overview

The Bachelor of Commerce (Honours) year provides a bridge between undergraduate study and advanced research.

The program provides: training in research skills using a variety of information systems (archives, the Library, databases, electronic research networks); an opportunity to practice articulating complex ideas orally and in writing; practice in working closely with a supervisor on a project and in preparing a major project within a deadline; experience in devising, researching and writing up an individual topic of study in an extended argument/thesis.

Students considering an Honours degree are encouraged to talk to the Honours Program Coordinator well in advance to seek approval for enrolment, discuss their program, and negotiate a thesis topic and supervisors. The UOW Honours website also provides lots of useful information regarding research opportunities, scholarships, application procedures, etc.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Demonstrate advanced theoretical and technical business knowledge.
2	Effectively communicate orally and in writing.
3	Research and critically analyse business and organisational issues in local, national and international contexts.
4	Demonstrate responsible judgement in decision making.
5	Use relevant technology for professional purposes.
6	Demonstrate independent learning

The [Bachelor of Commerce \(Honours\) Curriculum map](#) illustrates where course learning outcomes are taught, practiced and assessed within subjects

in the program

## Course Structure

### Honours in Accountancy

Subject Code	Subject Name	Credit Points
ACCY401	Honours Research in Accounting	24
ACCY410	Special Topics in Accounting A	6
ACCY411	Special Topics in Accounting B	6
ACCY412	Special Topics in Accounting C	6
COMM480	Honours Research Proposal	6

### Honours in Economics

Subject Code	Subject Name	Credit Points
COMM480	Honours Research Proposal	6
ECON401	Honours Research in Economics	24
ECON403	Special Topics in Economics A	6
ECON404	Special Topics in Economics B	6
ECON405	Special Topics in Economics C	6

### Honours in Finance

Subject Code	Subject Name	Credit Points
COMM480	Honours Research Proposal	6
FIN 401	Honours Research in Finance	24
FIN 402	Special Topics in Finance A	6
FIN 403	Special Topics in Finance B	6
FIN 404	Special Topics in Finance C	6



## Honours in Management / Human Resource Management / International Business

Subject Code	Subject Name	Credit Points
COMM480	Honours Research Proposal	6
MGNT401	Honours Research in Management	24
MGNT403	Special Topics in Management A	6
MGNT404	Special Topics in Management B	6
MGNT405	Special Topics in Management C	6

## Honours in Marketing / Public Relations

Subject Code	Subject Name	Credit Points
COMM480	Honours Research Proposal	6
MARK401	Honours Research in Marketing	24
MARK403	Special Topics in Marketing A	6
MARK404	Special Topics in Marketing B	6
MARK405	Special Topics in Marketing C	6

## Honours in Supply Chain Management

Subject Code	Subject Name	Credit Points
COMM480	Honours Research Proposal	6
OPS 400	Honours Research in Supply Chain Management	24
OPS 401	Special Topics in Operations A	6
OPS 402	Special Topics in Operations B	6

Please click the subject codes in the above table for information on sessions of offer for each subject at different locations. For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

For all students interested in pursuing Honours, please email [business-enquiries@uow.edu.au](mailto:business-enquiries@uow.edu.au)

## Other Information

For further information email: [business-enquiries@uow.edu.au](mailto:business-enquiries@uow.edu.au)

Last reviewed: 6 November, 2018

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Commerce - Bachelor of Laws | 2019

Testamur Title of Degree:	Bachelor of Commerce - Bachelor of Laws
Abbreviation:	BCom-LLB
UOW Course Code:	1893
CRICOS Code:	094126F
Total Credit Points:	240*
Duration:	5 years full-time or **part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn / Spring#
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 751202 South Western Sydney / 751221

\*This is a minimum figure and may vary depending on the major.

\*\*Students interested in studying this degree part-time should consult with the Law Head of Students by contacting [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au).

#Students commencing in Spring will undertake their first session in the Bachelor of Commerce, before completing their first year of Law in their second year of enrolment.

## Overview

A Bachelor of Commerce – Bachelor of Laws from UOW equips you with a comprehensive legal education: a world-class degree that provides a thorough grounding in the law, as well as a real-world focus on the essential practical skills and the social and ethical context in which the law operates.

Combining Law with Commerce prepares you for a range of careers, giving you the edge as you gain a legal perspective on contemporary and socially responsible business practice. It provides a program of study in commerce, business and administration and further develops analytical and interpersonal skills, and high levels of literacy and numeracy.

We believe that practical experience is a vital part of your legal training. We are the only law school in New South Wales that requires you to complete a legal internship, providing highly valued industry experience.

We are committed to social justice and providing a legal education that engages with the complexities of law's intersection with society.

This double degree delivers a practical and contextual legal education that prepares graduates not only for traditional careers in the legal profession but also for a wide range of careers in government, business and community organisations – as leaders, innovators and problem solvers.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

The outcomes, which are common and consolidated in this joint degree, ensure that on successful completion of the course students will be able to:

CLO	Description
1	Demonstrate core and disciplinary knowledge of business, organisations and the Australian legal system;
2	Apply ethical principles to a range of contexts
3	Apply reasoning and critical analysis to generate appropriate business, organisational and legal responses;
4	Communicate effectively orally and in writing.

Please refer to the [Course Handbook](#) page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

To qualify for award of the degree, the Bachelor of Commerce - Bachelor of Laws, a candidate must successfully complete at least 240 credit points, comprised of:

1. All compulsory Law subjects as set out in the schedule below (114 credit points);
2. 30 credit points of electives from the [Bachelor of Laws \(Graduate Entry\)](#);
3. subjects to the value of at least 96 credit points from the [Bachelor of Commerce](#) Course Program, including;
  - a. \*core subjects (including the capstone subject) (48 credit points)
  - b. at least one major from the Bachelor of Commerce

Notes:

- Where any elective subjects have the prefix LAW, the equivalent Bachelor of Laws (LLB) subjects must be substituted.
- \*Students are not required to take [OPS 113](#), [ACCY112](#), [ECON102](#), or [MGNT102](#) from the Bachelor of Commerce core, unless they are studying particular majors. See the [Bachelor of Commerce](#) handbook page for more information.

Subject Code	Subject Name	Credit Points
<b>Year 1</b>		
<a href="#">LLB1100</a>	Foundations of Law	6
<a href="#">LLB1115</a>	Legal Skills	6
<a href="#">LLB1120</a>	Law of Contract A	6
<a href="#">LLB1130</a>	Criminal Law and Procedure A	6

<a href="#">LLB1160</a>	Interpreting the Law	6
<a href="#">LLB1170</a>	Law of Contract B	6
<a href="#">LLB1180</a>	Criminal Law and Procedure B	6
<a href="#">LLB1197</a>	Legal Ethics & Professional Responsibility	6
<b>Year 2</b>		
<a href="#">LLB2220</a>	Property Law	6
<a href="#">LLB2230</a>	Administrative Law	6
<a href="#">LLB2270</a>	Equity and Trusts	6
<a href="#">LLB2280</a>	Constitutional Law	6
Subjects from the Bachelor of Commerce schedule		
<b>Year 3</b>		
<a href="#">LLB2225</a>	Advanced Legal Skills	6
<a href="#">LLB2240</a>	Law of Torts	6
<a href="#">LLB2290</a>	Jurisprudence	6
<a href="#">LLB3397</a>	Legal Internship	3
1 LLB Elective		
Subjects from the Bachelor of Commerce schedule		
<b>Year 4</b>		
<a href="#">LLB3300</a>	Remedies and Civil Procedure	6
<a href="#">LLB3301</a>	Evidence	6
<a href="#">LLB3302</a>	Law of Business Organisations	6
1 LLB Elective		
Subjects from Bachelor of Commerce schedule		
<b>Year 5</b>		

3 LLB Electives		
LLB3399	Law, Justice and Professional Practice	3
Subjects from Bachelor of Commerce schedule		

### Part-time Study

A student is considered part-time when they are enrolled in less than 75% of the standard load for a session. If you are seeking to complete your undergraduate law degree part-time, you are required to complete a minimum of 12 credit points (2 subjects) per session. Please refer to the [Recommended Study Sequence](#) for information.

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Majors

Refer to the Faculty of Business for majors available in the [Bachelor of Commerce](#) degree. It is necessary for students to seek appropriate advice from the [Faculty of Business](#) on their options for majors and subject sequences.

The Business Law major is not available in this degree.

## Compulsory Work Placement / Online Components

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

Law students will complete a Legal Internship subject (LLB3397). This subject is the vehicle for a practical placement designed to expose students to the application of the law in practice; enable students to understand the importance of developing the skills of legal research; communication, drafting, practice management and problem solving; and enable students to observe and reflect upon the values, ethical standards and conduct of the legal profession in practice.

This course contains a total of 140 hours over 4 weeks of compulsory work-based placements. This course may also contain compulsory components to be completed online.

## Law Professional Recognition/Accreditation

The UOW Bachelor of Laws (single LLB or in combination with another degree) is accredited by the Legal Profession Admission Board (LPAB) as satisfying the academic requirements necessary for admission to the Australian legal profession. On completion of the Bachelor of Laws, a student who wishes to practise as a barrister or solicitor must also undertake some form of professional practical training, the requirements for which vary between each state and territory of Australia.

In New South Wales, a student who intends to qualify for admission to practice is required to undertake a practical legal training (PLT) course accredited by the LPAB, followed by or incorporating a period of practical experience in a law-related setting. Practical experience gained by students in [LLB3397 Legal Internship](#) may be counted towards this practical experience requirement. Graduates should check with their PLT provider. A list of LPAB accredited PLT courses can be found on the [LPAB website](#).

Students who intend to practise as solicitors after admission will be subject to a period of restricted practice and the mandatory continuing legal education requirements. Further information is available from the [Law Society of New South Wales](#). Students who intend to practise as barristers after admission will be required to read with a senior barrister for a period of time and to undertake the Bar Readers' Course and Bar Examination before being qualified to take briefs on their own account. Further information is available from the [New South Wales Bar Association](#).

## Honours

High achieving students enrolled in this double degree may consult with the [Honours Coordinator in Law](#) regarding the possibility of transferring into an [Honours Law](#) degree.

A student who successfully transfers into an Honours program but does not meet the minimum performance standards required for the award of Honours will be permitted to transfer back to the double degree in which they were enrolled immediately prior to the transfer into the Honours course, and will be awarded credit for the number of credit points passed in the Honours degree.

## Other Information

The University of Wollongong attempts to ensure the information contained in the Course Handbook is correct at the time of publication. However,



courses may be amended without notice by the University in response to changing circumstances or for any other reason. Check with the University for updated information.

For further information email: Law - [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au); Commerce - [business-enquiries@uow.edu.au](mailto:business-enquiries@uow.edu.au)

Last reviewed: 11 June, 2019

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Commerce - Bachelor of Laws (Honours)

Testamur Title of Degree:	Bachelor of Commerce - Bachelor of Laws (Honours)
Abbreviation:	BCom - LLB (Hons)
UOW Course Code:	387
CRICOS Code:	096742A
Total Credit Points:	240
Duration:	5 years full-time or *part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn / **Spring
Delivery Mode:	On-campus
Delivery Campus:	Wollongong

\*Students interested in studying this degree part-time should consult with

the Law Head of Students by contacting [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au).

\*\*Students commencing in Spring will undertake their first session in the Bachelor of Commerce, before completing their first year of Law in their second year of enrolment.

## Overview

A Bachelor of Commerce – Bachelor of Laws (Honours) from UOW equips you with a comprehensive legal education: a world-class degree that provides a thorough grounding in the law, as well as a real-world focus on the essential practical skills and the social and ethical context in which the law operates.

Combining Law with Commerce prepares you for a range of careers, giving you the edge as you gain a legal perspective on contemporary and socially responsible business practice. It provides a program of study in commerce, business and administration and further develops analytical and interpersonal skills, and high levels of literacy and numeracy.

The Honours year has two functions at UOW; as an in-depth project at the end of undergraduate study, and as a bridge between undergraduate study and advanced research.

Studying Honours gives you:

- Training in research skills and information systems (archives, the Library, databases, electronic research networks)
- The ability to present complex ideas verbally and in writing
- The opportunity to work closely with a supervisor and prepare a major project to meet critical deadlines
- Experience in devising, researching and writing up an individual topic of study in an extended format

We believe that practical experience is a vital part of your legal training. We are the only law school in New South Wales that requires you to complete a legal internship, providing highly valued industry experience.

We are committed to social justice and providing a legal education that engages with the complexities of law's intersection with society.

This double degree delivers a practical and contextual legal education that prepares graduates not only for traditional careers in the legal profession but also for a wide range of careers in government, business and community organisations – as leaders, innovators and problem solvers.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the Course Finder.

# Course Learning Outcomes

Please refer to the Course Handbook page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

To qualify for award of the degree, the Bachelor of Commerce - Bachelor of Laws (Honours), a candidate must successfully complete at least 240 credit points, comprised of the following:

1. All compulsory Law subjects as set out in the schedule below (114 credit points);
2. One 6 credit point elective subject from the [Bachelor of Laws \(Graduate Entry\)](#) elective list (6 credit points);
3. [LLB4400](#) Legal Research Methodology (12 credit points);
4. [LLB4401](#) Legal Research Thesis (12 credit points);
5. Subjects to the value of at least 96 credit points from the [Bachelor of Commerce](#) including;
  - a. Core subjects and capstone;
  - b. At least one major from the [Bachelor of Commerce](#).

Notes:

- Students are not required to take MGNT102.
- Where any subjects have the prefix LAW, the equivalent Bachelor of Laws (LLB) subjects must be substituted.

Subject Code	Subject Name	Credit Points
<b>Year 1</b>		
<a href="#">LLB1100</a>	Foundations of Law	6
<a href="#">LLB1115</a>	Legal Skills	6
<a href="#">LLB1120</a>	Law of Contract A	6
<a href="#">LLB1130</a>	Criminal Law and Procedure A	6
<a href="#">LLB1160</a>	Interpreting the Law	6
<a href="#">LLB1170</a>	Law of Contract B	6
<a href="#">LLB1180</a>	Criminal Law and Procedure B	6
<a href="#">LLB1197</a>	Ethics and Professional Responsibility	6

<b>Year 2</b>		
<a href="#">LLB2220</a>	Property Law	6
<a href="#">LLB2230</a>	Administrative Law	6
<a href="#">LLB2270</a>	Equity and Trusts	6
<a href="#">LLB2280</a>	Constitutional Law	6
Subjects from the Bachelor of Commerce schedule		
<b>Year 3</b>		
<a href="#">LLB2225</a>	Advanced Legal Skills	6
<a href="#">LLB2240</a>	Law of Torts	6
<a href="#">LLB2290</a>	Jurisprudence	6
<a href="#">LLB3397</a>	Legal Internship	3
1 LLB Elective		6
Subjects from the Bachelor of Commerce schedule		
<b>Year 4</b>		
<a href="#">LLB4400</a>	Legal Research Methodology	12
<a href="#">LLB4401</a>	Legal Research Thesis	12
<a href="#">LLB3399</a>	Law, Justice and Professional Practice	3
Subjects from the Bachelor of Commerce schedule		

### **Part-time Study**

A student is considered part-time when they are enrolled in less than 75% of the standard load for a session. If you are seeking to complete your undergraduate law degree part-time, you are required to complete a minimum of 12 credit points (2 subjects) per session. Please refer to the [Recommended Study Sequence](#) for information.

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on

timetables, tutorials, and classes, visit the [Timetable page](#).

## Majors

Students in this degree will complete at least one major from the [Bachelor of Commerce](#). Options are available on the course handbook page.

## Compulsory Work Placement / Online Components

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

Law students will complete a Legal Internship subject (LLB3397). This subject is the vehicle for a practical placement designed to expose students to the application of the law in practice; enable students to understand the importance of developing the skills of legal research; communication, drafting, practice management and problem solving; and enable students to observe and reflect upon the values, ethical standards and conduct of the legal profession in practice. This course contains a total of 140 hours over 4 weeks of compulsory work-based placements. This course may also contain compulsory components to be completed online.

## Law Professional Recognition / Accreditation

The UOW Bachelor of Laws (single LLB or in combination with another degree) is accredited by the Legal Profession Admission Board (LPAB) as satisfying the academic requirements necessary for admission to practice as a lawyer. On completion of the Bachelor of Laws, a student who wishes to practise as a barrister or solicitor must also undertake some form of professional practical training, the requirements for which vary between each state and territory of Australia.

In New South Wales, a student who intends to qualify for admission to practise as a legal practitioner is required to undertake a practical legal training (PLT) course accredited by the LPAB, followed by or incorporating a period of practical experience in a law-related setting. Practical experience gained by students in [LLB3397](#) Legal Internship may be counted towards this practical experience requirement (eg ANU and College of Law will recognise days completed as part of [LLB3397](#)). Graduates should check with their PLT provider. A list of LPAB accredited PLT courses can be found on the [LPAB website](#).

Students who intend to practise as lawyers after admission should obtain

further information about restricted practice and the mandatory continuing legal education requirements from the Law Society of New South Wales. Students who intend to practise as barristers after admission will be required to read with a senior barrister for a period of time and to undertake the Bar Readers' Course before being qualified to take briefs on their own account. Further information is available from the [New South Wales Bar Association](#).

## Honours Guide and Code of Practice

The Faculty of Law, Humanities and the Arts Honours Guide provides detailed information on all Honours courses and can be accessed from the [LHA Honours Programs](#) page.

Students are advised to refer to the University's [Code of Practice - Honours](#).

## Grade of Honours

Honours Grades are calculated in accordance with the University's [General Course Rules](#).

## Other Information

For further information please email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 12 June, 2019

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# 2019 Undergraduate Courses

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Students are to follow the requirements of the **Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Commerce and TAFE Advanced Diploma | 2019

Testamur Title of Degree:	Bachelor of Commerce
Abbreviation:	BCom
UOW Course Code:	1843 - Event Management 1842 - Hospitality Management 1844 - Travel and Tourism Management
CRICOS Code:	027464A
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Business
Intake Session(s):	Autumn
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus /	<b>Event Management</b>

UAC Code:	Wollongong / 753640
	<b>Hospitality Management</b> Wollongong / 753630
	<b>Travel and Tourism Management</b> Wollongong / 753650

## Overview

### Bachelor of Commerce - TAFE Advanced Diploma of Event Management

Large events and festivals-from charity fundraisers to concerts-form part of a multimillion-dollar worldwide industry. Event Management is the special branch of management that focuses on using managerial techniques to organise and run these events.

The Bachelor of Commerce is offered in conjunction and concurrently with the TAFE Advanced Diploma in Event Management. Students gain practical, vocational workplace skills and knowledge in the area of event management through successful completion of the Advanced Diploma, together with a broader conceptual base that covers the principal areas of business necessary for senior level management.

### Bachelor of Commerce - TAFE Advanced Diploma of Hospitality Management

The hospitality industry - from entertainment and recreation to accommodation and food service - forms a key part of many nations' economies, including Australia. It is a highly dynamic industry that requires flexible, responsive managers to successfully guide businesses.

The degree provides the practical 'hands-on' experience in the TAFE Advanced Diploma combined with the theoretical knowledge of business subjects in the Bachelor of Commerce degree.

### Bachelor of Commerce - TAFE Advanced Diploma of Travel and Tourism Management

Tourism is a worldwide industry that continues to play an important part in both wealthy nations and developing economies. It can be in many ways the business of adventure, but is also global community and creating wealth at every level from local to global. The industry also supports a number of innovative specialist fields including eco-tourism and global volunteering.

The course offers practical, vocational workplace skills and a knowledge of the tourism industry through successful completion of the TAFE Advanced Diploma of Travel and Tourism Management, together with a broader

conceptual base that covers the principal areas of business necessary for senior level management. Specific topics include Marketing Research, Consumer Behaviour, Services Marketing and Communications.

## Entry Requirements & Credit Arrangements

All applications should be directed to the University in the first instance. All admission applications must be completed on an [Undergraduate Course Application Form](#) or via UAC.

Students are unable to progress directly into the Bachelor of Commerce following completion of the October intake of the UOW College University Access Program, or July intake of Foundation Studies, due to the early commencement date of the TAFE Advanced Diplomas.

Applications are also accepted from students who have successfully completed a recognised TAFE qualification or course of study from an accredited institution.

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

Credit arrangements exist between the TAFE Advanced Diplomas and the University of Wollongong's Bachelor of Commerce provided these courses are completed concurrently. Should the Advanced Diploma be completed prior to enrolling in the Bachelor of Commerce the standard credit transfer will apply.

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Demonstrate core knowledge of business and organisations and major disciplinary knowledge.
2	Effectively communicate orally and in writing.
3	Critically analyse business and organisational issues in local, national and international contexts.
4	Demonstrate responsible judgement in decision making.
5	Work effectively with others on shared goals.
6	Use relevant technology for professional purposes

7 Demonstrate independent learning.

## Course Structure

The Bachelor of Commerce is to be completed in conjunction and concurrently with the following TAFE courses:

- Advanced Diploma in Event Management
- Advanced Diploma in Hospitality Management
- Advanced Diploma of Travel and Tourism Management

Students gain practical, vocational workplace skills and knowledge of their chosen area through successful completion of the TAFE Advanced Diploma, together with a broader conceptual base that covers the principal areas of business necessary for senior level management.

Credit pathways and arrangements are available between the TAFE Advanced Diplomas listed above and the University of Wollongong's Bachelor of Commerce. Please see Course Finder for further information.

To qualify for award of the degree of Bachelor of Commerce a candidate shall accrue an aggregate of at least 144 credit points by satisfactory completion of core subjects including a capstone subject and the completion of one major study comprising 48 credit points.

Of the 144 credit points not more than 72 credit points shall be for 100-level subjects.

Subject Code	Subject Name	Credit Points
ACCY111	Accounting Fundamentals In Society	6
COMM101	Principles of Responsible Business	6
ECON100	Economic Essentials for Business	6
COMM121	Statistics for Business	6
FIN 111	Introductory Principles of Finance	6
<b>At least ONE subject from the following:</b>		
ACCY112	Accounting In Organisations	6
or		
ECON102	Economics and Society	6

<b>Capstone subject:</b>		
<a href="#">COMM331</a>	Integrative Business Capstone	6

Please click the subject codes in the above table for information on sessions of offer for each subject at different locations. For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Major Study Areas

- [Human Resource Management](#)
- [Management](#)
- [Marketing](#)
- [Public Relations](#)

## Other Information

For further information email: [business-enquiries@uow.edu.au](mailto:business-enquiries@uow.edu.au)

For enquiries on the TAFE component, please contact:

### **TAFE Illawarra**

Steve Atkins  
Education Team Leader  
Phone: 02 4229 0551

### **TAFE Illawarra**

Email [HSTH.Enquiries@tafensw.edu.au](mailto:HSTH.Enquiries@tafensw.edu.au)  
Phone 02 4295 2100  
Course Information 131 601

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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Commerce Global (Honours)

Testamur Title of Degree:	Bachelor of Commerce Global (Honours)
Abbreviation:	BComGlobal(Hons)
UOW Course Code:	384
CRICOS Code:	N/A
Total Credit Points:	192
Duration:	4 years full-time or part-time equivalent
Home Faculty:	Faculty of Business
Intake Session(s):	Autumn
Delivery Mode:	On Campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong

## Overview

The Bachelor of Commerce Global (Honours) offers high performing students the opportunity to achieve their ambitions and career goals whilst being fully immersed in the vibrant cultures and operations of International business industries. This degree provides a global study experience, personal mentoring and support, as well as the opportunity to gain real-world skills and work- experience – all while seeing the world.

Students will undertake their studies at four of the University of Wollongong's global locations – Wollongong, Dubai, Hong Kong and Singapore, combined with six week paid internships with one of our program sponsor.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Demonstrate advanced theoretical and technical business knowledge in real world business and cultural contexts.
2	Communicate oral and written skills to present a clear and coherent exposition of knowledge and ideas to a variety of audiences
3	Research, reflect and critically analyse business and organisational theoretical concepts and issues in local, national and international contexts.
4	Exercise critical thinking and responsible judgement in developing new understanding.
5	Demonstrate accountability and responsibility for their own learning.
6	Work effectively with others on shared goals in a variety of international settings and context

## Course Structure

To qualify for award of the degree of Bachelor of Commerce Global (Honours)



a candidate shall accrue an aggregate of at least 192 credit points for a Finance major and 198 for an Accountancy major including:

- 54cp of core Bachelor of Commerce subjects
- 6cp of internship subjects
- 48cp Accountancy or Finance major
- 48cp of Honours subjects
- plus elective subjects to attain the required aggregate

Please note students must complete all three internship subjects.

In addition to the 54 cps of core subjects, 6 cp of internship subjects and 48 cp for the Accountancy major an additional 18 cps of specified LAW subjects are required for professional accreditation. A further 6cps 300-level LAW subject is required to complete a Business Law minor. See Accountancy table below for subjects required to be taken.

No more than 72 credit points of 100 level subjects shall be completed.

Subject Code	Subject Name	Credit Points
<b>Core</b>		
ACCY111	Accounting Fundamentals In Society	6
COMM101	Principles of Responsible Business	6
COMM121	Statistics for Business	6
ECON100	Economic Essentials for Business	6
FIN 111	Introductory Principles of Finance	6
MARK101	Marketing Principles	6
ACCY112	Accounting In Organisations	6
<b>Internship Subjects</b>		
COMM191	Introductory Global Internship	0
COMM292	Global Internship	6
COMM392	Advanced Global Internship	0
<b>Plus ONE capstone Subjects</b>		
COMM331	Integrative Business Capstone	6

## Major Study Areas

### Accountancy

#### Overview

The Bachelor of Commerce Global (Honours) in Accountancy offers advanced accountancy topics including financial reporting, auditing and management accounting. You will learn about financial accounting in its organisational, social and political contexts as well as study relevant law subjects (including taxation law and law of business organisations) so as to be eligible for associate membership of professional accounting bodies. Students seeking professional accreditation must consult with the Course Director early in their studies.

Subject Code	Subject Name	Credit Points
<a href="#">MARK343</a>	International Marketing	6
<a href="#">ECON251</a>	Industry and Trade in Asia	6
<a href="#">ACCY200</a>	Financial Accounting IIA	6
<a href="#">FIN 111</a>	Introductory Principles of Finance	6
<a href="#">MGNT110</a>	Introduction to Management	6
<a href="#">ACCY201</a>	Financial Accounting IIB	6
<a href="#">ACCY211</a>	Management Accounting II	6
<a href="#">FIN 222</a>	Corporate Finance	6
<a href="#">ACCY305</a>	Financial Accounting III	6
<a href="#">ACCY342</a>	Auditing and Assurance Services	6
<a href="#">ACCY231</a>	Information Systems in Accounting	6
<a href="#">ACCY312</a>	Management Accounting III	6
<a href="#">LAW 101</a>	Introduction to Law	6

LAW 302	Law of Business Organisations	6
LAW 315	Taxation Law	6
<b>Plus ONE 300 level LAW subject</b>		

### Professional Recognition

A Bachelor of Commerce Global (Honours) Accountancy enables graduates to meet the educational requirements of a number of national and international professional registrations and memberships, depending on the subjects completed. For more information visit Professional Recognition.

### Honours subjects in Accountancy

Subject Code	Subject Name	Credit Points
COMM480	Honours Research Proposal	6
ACCY401	Honours Research in Accounting	24
ACCY410	Special Topics in Accounting A	6
ACCY411	Special Topics in Accounting B	6
ACCY412	Special Topics in Accounting C	6

## Finance

### Overview

Finance is about money and investments. People on their own and in partnerships, companies and other entities (including state and federal governments), have a common objective of profitable investment. What is a government-secured bond? What is a share? What are the reasons for investing in either...and when's the right time? These are some of the questions answered in the domain of finance.

You will study finance in depth, examining investment, financial markets, financial modelling and portfolio analysis. You will learn advanced statistical techniques for analysis and modelling, including the classical linear regression model, model diagnostics, univariate time series modelling and forecasting.

You'll explore corporate finance, including financial strategies, security

analysis and portfolio management. The course is both rigorous and practical, with an emphasis on applications and real world financial management. It will give you the theoretical knowledge and tools of business finance that are demanded by employers in all sections of the world economy.

Subject Code	Subject Name	Credit Points
MARK343	International Marketing	6
ECON251	Industry and Trade in Asia	6
ACCY200	Financial Accounting IIA	6
FIN 222	Corporate Finance	6
MGNT110	Introduction to Management	6
FIN 223	Investment Analysis	6
FIN 226	Financial Markets & Institutions	6
FIN 324 OR FIN 351	Financial Statement Analysis OR International Finance	6
ECON339	Applied Financial Modelling	6
FIN 323	Portfolio Analysis	6
FIN 322	Advanced Corporate Finance	6
<b>Plus FOUR elective subjects (6 CP each)</b>		

### Honours subjects in Finance

Subject Code	Subject Name	Credit Points
COMM480	Honours Research Proposal	6
FIN 401	Honours Research in Finance	24
FIN 402	Special Topics in Finance A	6
FIN 403	Special Topics in Finance B	6
FIN 404	Special Topics in Finance C	6

Please click the subject codes in the above tables for information on sessions of offer for each subject at different locations. For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Other Information

For further information email: [business-enquiries@uow.edu.au](mailto:business-enquiries@uow.edu.au)

Last reviewed: 21 November, 2018

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# 2019 Undergraduate Courses

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Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Commerce Global – Bachelor of Laws (Honours) | 2019

Testamur Title of Degree:	Bachelor of Commerce Global – Bachelor of Laws (Honours)
Abbreviation:	BComGlobal – LLB (Hons)
UOW Course Code:	393
CRICOS Code:	N/A
Total Credit Points:	252
Duration:	5 years full-time or part-time equivalent*
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn
Delivery Mode:	On Campus
Delivery Campus / UAC Code:	Wollongong / 751225

\* Students must study on a full-time basis for the first two years of this degree.

## Overview

A Bachelor of Laws from UOW equips students with a comprehensive legal education: a world-class degree that provides a thorough grounding in the law, as well as a real-world focus on the essential practical skills and the social and ethical context in which the law operates. Students will also be exposed to relevant industry-driven content as part of their Commerce degree gaining a firm foundation in the principles of social responsibility, preparing them for success in their chosen career. The Bachelor of Commerce - Bachelor of Laws degree provides opportunities for students to combine their interest in law with business.

As a part of the Bachelor of Commerce Global, students will undertake their studies at three of the University of Wollongong's global locations in their second year –Dubai, Hong Kong and Singapore, combined with three paid internships with one of our program sponsors in their third, fourth and fifth year of study.

## Entry Requirements & Credit Arrangements

Students are not able to directly enrol in this degree. If you are interested in undertaking Honours in law, you must have completed at least 124 credit points of compulsory law subjects. You must also have achieved a weighted average mark (WAM) of 70% or more based on all 100 and 200 level core LLB subjects. Consideration will be given by the School of Law in exceptional cases where the required WAM has not been achieved.

Entry must be approved by the Head of School, in consultation with the Law Honours Coordinator and your proposed supervisor. Students should contact the School of Law via [lha\\_enquiries@uow.edu.au](mailto:lha_enquiries@uow.edu.au) for more information.

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course.

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level. Students graduating from this course will be able to:

CLO	Description
-----	-------------

1	Demonstrate advanced core disciplinary knowledge of business, organisations and the Australian legal system within international and cultural contexts;
2	Effectively communicate oral and written skills to generate clear, coherent and creative expositions and responses of complex issues to a variety of audiences;
3	Exercise critical thinking and responsible judgements in order to recognise and resolve ethical problems in legal and business decision-making;
4	Work effectively with others on shared goals in a variety of contexts, both local and international;
5	Independently plan and execute a research-based project or piece of scholarship that demonstrates in depth understanding and critical analysis of the area of study.

Please refer to the [Course Handbook](#) page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

To qualify for award of the degree, the Bachelor of Commerce Global - Bachelor of Laws, a candidate must successfully complete at least 252 credit points, comprised of:

1. All compulsory Law subjects (114 credit points) as set out in the table below;
2. An elective subject to the value of 6 credit points from the Bachelor of Laws Elective Law Schedule - see [Bachelor of Laws \(Graduate Entry\)](#) for elective options;
3. [LLB4400](#) Legal Research Methodology (12 credit points)
4. [LLB4401](#) Legal Research Thesis (12 credit points)
5. subjects to the value of at least 108 credit points from the Bachelor of Commerce Course Program, including;
  - a. core subjects (60 credit points) as set out below. These credit points include three Commerce Global internship subjects, including in-company placements, and a capstone subject.
  - b. at least one major (48 credit points) from the [Bachelor of Commerce](#) (excluding the Business Law major).

Candidates for this degree will be required to maintain a Weighted Average Mark (WAM) of at least 75 each year in the Commerce part of the course to continue in the program.

Subject Code	Subject Name	Credit Points
<b>Year 1 - Wollongong</b>		



LLB1100	Foundations of Law	6
LLB1115	Legal Skills	6
LLB1120	Law of Contract A	6
LLB1130	Criminal Law and Procedure A	6
LLB1160	Interpreting the Law	6
LLB1170	Law of Contract B	6
LLB1180	Criminal Law and Procedure B	6
LLB1197	Ethics and Professional Responsibility	6
<b>Year 2 - UOW Overseas</b>		
<b>PSB Academy - Singapore Trimester 1</b>		
ACCY111	Accounting Fundamentals In Society	6
COMM101	Principles of Responsible Business	6
FIN 111	Introductory Principles of Finance	6
<b>UOW College Hong Kong - Semester C</b>		
COMM121	Statistics for Business	6
ECON100	Economic Essentials for Business	6
<b>UOW Dubai - Autumn Semester</b>		
MARK101	Marketing Principles	6
ACCY112	Accounting In Organisations	6
MGNT110	Introduction to Management	6
<b>Year 3 - Wollongong</b>		
LLB2220	Property Law	6
LLB2230	Administrative Law	6

<a href="#">LLB2270</a>	Equity and Trusts	6
<a href="#">LLB2280</a>	Constitutional Law	6
<b>Subjects from the Bachelor of Commerce schedule towards major</b>		
<a href="#">COMM191</a>	Introductory Global Internship	0
<b>Year 4 - Wollongong</b>		
<a href="#">LLB2225</a>	Advanced Legal Skills	6
<a href="#">LLB2240</a>	Law of Torts	6
<a href="#">LLB2290</a>	Jurisprudence	6
<a href="#">LLB3397</a>	Legal Internship	3
<a href="#">COMM331</a>	Integrative Business Capstone	6
<a href="#">COMM292</a>	Global Internship	6
<b>Subjects from the Bachelor of Commerce schedule towards major</b>		
<b>Year 5 - Wollongong</b>		
<a href="#">LLB3300</a>	Remedies and Civil Procedure	6
<a href="#">LLB3301</a>	Evidence	6
<a href="#">LLB3302</a>	Law of Business Organisations	6
<b>1 LLB Elective</b>		
<a href="#">LLB3399</a>	Law, Justice and Professional Practice	3
<a href="#">COMM392</a>	Advanced Global Internship	0
<a href="#">LLB4400</a>	Legal Research Methodology	12
<a href="#">LLB4401</a>	Legal Research Thesis	12

**Part-time Study**

A student is considered part-time when they are enrolled in less than 75% of the standard load for a session. If you are seeking to complete your

undergraduate law degree part-time, you are required to complete a minimum of 12 credit points (2 subjects) per session. Please refer to the [Recommended Study Sequence](#) for information.

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

PLEASE NOTE: Core first year Commerce subjects to be undertaken at overseas UOW locations may vary slightly for students studying majors in Economics, International Business or Public Relations. Students should consult with the Course Director for advice on subject selections.

Subject and session offerings may change prior to the commencement of session. Students are advised to check the latest information available by following the subject code links above.

## Majors

Students will complete one major from the [Bachelor of Commerce](#). Refer to the Handbook page for available majors. It is necessary for students to seek appropriate advice from the [Faculty of Business](#) on their options for majors and subject sequences.

The Business Law major is not available in this degree.

## Compulsory Work Placement / Online Components

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

Law students will complete a Legal Internship subject (LLB3397). This subject is the vehicle for a practical placement designed to expose students to the application of the law in practice; enable students to understand the importance of developing the skills of legal research; communication, drafting, practice management and problem solving; and enable students to observe and reflect upon the values, ethical standards and conduct of the legal profession in practice.

The Law degree contains a total of 140 hours over 4 weeks of compulsory workbased placements. This course may also contain compulsory components to be completed online.

As part of the Bachelor of Commerce Global students will also undertake three Business internships in their third, fourth and fifth year. These are

[COMM191](#), [COMM292](#) and [COMM392](#) respectively.

## Professional Recognition/Accreditation

The UOW Bachelor of Laws (single LLB or in combination with another degree) is accredited by the Legal Profession Admission Board (LPAB) as satisfying the academic requirements necessary for admission to the Australian legal profession.

On completion of the Bachelor of Laws, a student who wishes to practise as a barrister or solicitor must also undertake some form of professional practical training, the requirements for which vary between each state and territory of Australia. In New South Wales, a student who intends to qualify for admission to practice is required to undertake a practical legal training (PLT) course accredited by the LPAB, followed by or incorporating a period of practical experience in a law-related setting. Practical experience gained by students in [LLB3397](#) Legal Internship may be counted towards this practical experience requirement. Graduates should check with their PLT provider. A list of LPAB accredited PLT courses can be found on the LPAB website.

Students who intend to practise as solicitors after admission will be subject to a period of restricted practice and the mandatory continuing legal education requirements. Further information is available from the Law Society of New South Wales.

Students who intend to practise as barristers after admission will be required to read with a senior barrister for a period of time and to undertake the Bar Readers' Course and Bar Examination before being qualified to take briefs on their own account. Further information is available from the New South Wales Bar Association.

A Bachelor of Commerce Global enables graduates to meet the educational requirements of a number of national and international professional registrations and memberships, depending on the subjects completed. For more information visit Professional Recognition.

## Other Information

For further information email:

- Law - [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au);
- Commerce - [business-enquiries@uow.edu.au](mailto:business-enquiries@uow.edu.au)

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# 2019 Undergraduate Courses

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Students are to follow the requirements of the **Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Commerce Global - Bachelor of Laws | 2019

Testamur Title of Degree:	Bachelor of Commerce Global - Bachelor of Laws
Abbreviation:	BCommGlobal - LLB
UOW Course Code:	392
CRICOS Code:	N/A
Total Credit Points:	252
Duration:	5 years full-time or part-time equivalent*
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn
Delivery Mode:	On Campus
Delivery Campus / UAC Code:	Wollongong / 751225

\* Students must study on a full-time basis for the first two years of this degree

## Overview

The Bachelor of Commerce Global – Bachelor of Laws offers high- performing students the opportunity to achieve their ambitions and career goals while being fully immersed in the vibrant cultures and operations of international business industries. This degree provides a global study experience, personal mentoring and significant financial sponsorship, as well as the opportunity to gain real-world skills and work experience – all while seeing the world. You will also have the opportunity to undertake multiple internships at top-rated multinational firms over the course of your studies.

You'll emerge with a sound understanding of our legal system and its social and international context, as well as the ability to resolve ethical and complex legal issues. You will also be exposed to relevant industry-driven content as part of your commerce degree gaining a firm foundation in the principles of social responsibility, preparing you for success in your chosen career.

The Bachelor of Commerce Global – Bachelor of Laws is a full time degree that equips you with a comprehensive legal education: a world-class degree that provides a thorough grounding in the law, as well as a real-world focus on the essential practical skills and the social and ethical context in which the law operates. Combining law with commerce prepares you for a range of careers, giving you the edge as you gain a legal perspective on contemporary and socially responsible business practice. It provides a program of study in commerce, business and administration and further develops analytical and interpersonal skills and high levels of literacy and numeracy.

After completion of a foundation year at the Wollongong campus where you will study core subjects in the Bachelor of Laws degree, you will undertake your second year of study at three of the University of Wollongong's global locations – PSB Academy in Singapore, UOW College in Hong Kong and UOW in Dubai. You will then complete your third, fourth and final year of study at the Wollongong campus in which you will study law and commerce subjects. Industry engagement is an integral component of this degree. You will have the opportunity to complete four internships!

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the Course Finder.

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees

complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level. Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to:

CLO	Description
1	Demonstrate advanced core disciplinary knowledge of business, organisations and the Australian legal system within international and cultural contexts;
2	Effectively communicate oral and written skills to generate clear, coherent and creative expositions and responses of complex issues to a variety of audiences;
3	Exercise critical thinking and responsible judgements in order to recognise and resolve ethical problems in legal and business decision-making;
4	Evaluate the impact of legal and business organisational decision-making on individuals and cultural contexts, while demonstrating personal accountability and responsibility for their learning;
5	Work effectively with others on shared goals in a variety of contexts, both local and international.

Please refer to the [Course Handbook](#) page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

To qualify for award of the degree, the Bachelor of Commerce Global - Bachelor of Laws, a candidate must successfully complete at least 252 credit points, comprised of:

1. all compulsory Law subjects (114 credit points) as set out in the Course Program below;
2. elective subjects to the value of 30 credit points from the Bachelor of Laws Elective Law Schedule - see [Bachelor of Laws \(Graduate Entry\)](#) for elective options;
3. subjects to the value of at least 108 credit points from the Bachelor of Commerce Course Program, including;
  - a. core subjects (60 credit points) as set out below. These credit points include three Commerce Global internship subjects including in-company placements, and a capstone subject.
  - b. at least one major (48 credit points) from the [Bachelor of Commerce](#) (excluding the Business Law major).

Candidates for this degree will be required to maintain a Weighted Average



Mark (WAM) of at least 75 each year in the Commerce part of the course to continue in the program.

Subject Code	Subject Name	Credit Points
<b>Year 1 - Wollongong</b>		
LLB1100	Foundations of Law	6
LLB1115	Legal Skills	6
LLB1120	Law of Contract A	6
LLB1130	Criminal Law and Procedure A	6
LLB1160	Interpreting the Law	6
LLB1170	Law of Contract B	6
LLB1180	Criminal Law and Procedure B	6
LLB1197	Ethics and Professional Responsibility	6
<b>Year 2 - UOW Overseas</b>		
<b>PSB Academy - Singapore Trimester 1</b>		
ACCY111	Accounting Fundamentals In Society	6
COMM101	Principles of Responsible Business	6
FIN 111	Introductory Principles of Finance	6
<b>UOW College Hong Kong - Semester C</b>		
COMM121	Statistics for Business	6
ECON100	Economic Essentials for Business	6
<b>UOW Dubai - Autumn Semester</b>		
MARK101	Marketing Principles	6
ACCY112	Accounting In Organisations	6

MGNT110	Introduction to Management	6
<b>Year 3 - Wollongong</b>		
LLB2220	Property Law	6
LLB2230	Administrative Law	6
LLB2270	Equity and Trusts	6
LLB2280	Constitutional Law	6
<b>Subjects from the Bachelor of Commerce schedule towards major</b>		
COMM191	Introductory Global Internship	0
<b>Year 4 - Wollongong</b>		
LLB2225	Advanced Legal Skills	6
LLB2240	Law of Torts	6
LLB2290	Jurisprudence	6
LLB3397	Legal Internship	3
COMM331	Integrative Business Capstone	6
COMM292	Global Internship	6
<b>Subjects from the Bachelor of Commerce schedule towards major</b>		
<b>Year 5 - Wollongong</b>		
LLB3300	Remedies and Civil Procedure	6
LLB3301	Evidence	6
LLB3302	Law of Business Organisations	6
LLB3399	Law, Justice and Professional Practice	3
COMM392	Advanced Global Internship	0
<b>5 LLB Electives</b>		

### **Part-time Study**

A student is considered part-time when they are enrolled in less than 75% of the standard load for a session. If you are seeking to complete your undergraduate law degree part-time, you are required to complete a minimum of 12 credit points (2 subjects) per session. Please refer to the [Recommended Study Sequence](#) for information.

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable](#) page.

PLEASE NOTE: Core first year Commerce subjects to be undertaken at overseas UOW locations may vary slightly for students studying majors in Economics, International Business or Public Relations. Students should consult with the Course Director for advice on subject selections. Subject and session offerings may change prior to the commencement of session. Students are advised to check the latest information available on the Subject Database by clicking the subject code links above.

## **Majors**

Majors and minors are not available in the Bachelor of Laws degree. Refer to the [Bachelor of Commerce](#) Course Handbook page for majors degree. It is necessary for students to seek appropriate advice from the [Faculty of Business](#) on their options for majors and subject sequences.

The Business Law major is not available in this degree.

## **Compulsory Work Placement / Online Components**

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW. Law students will complete a Legal Internship subject (LLB3397). This subject is the vehicle for a practical placement designed to expose students to the application of the law in practice; enable students to understand the importance of developing the skills of legal research; communication, drafting, practice management and problem solving; and enable students to observe and reflect upon the values, ethical standards and conduct of the legal profession in practice.

The Law degree contains a total of 140 hours over 4 weeks of compulsory work-based placements. This course may also contain compulsory components to be completed online.

As part of the Bachelor of Commerce Global students will also undertake three Business internships in their third, fourth and fifth year. These are [COMM191](#), [COMM292](#) and [COMM392](#) respectively.

## Professional Recognition/Accreditation

The UOW Bachelor of Laws (single LLB or in combination with another degree) is accredited by the Legal Profession Admission Board (LPAB) as satisfying the academic requirements necessary for admission to the Australian legal profession.

On completion of the Bachelor of Laws, a student who wishes to practice as a barrister or solicitor must also undertake some form of professional practical training, the requirements for which vary between each state and territory of Australia. In New South Wales, a student who intends to qualify for admission to practice is required to undertake a practical legal training (PLT) course accredited by the LPAB, followed by or incorporating a period of practical experience in a law-related setting. Practical experience gained by students in [LLB3397](#) Legal Internship may be counted towards this practical experience requirement. Graduates should check with their PLT provider. A list of LPAB accredited PLT courses can be found on the LPAB website.

Students who intend to practise as solicitors after admission will be subject to a period of restricted practice and the mandatory continuing legal education requirements. Further information is available from the Law Society of New South Wales.

Students who intend to practise as barristers after admission will be required to read with a senior barrister for a period of time and to undertake the Bar Readers' Course and Bar Examination before being qualified to take briefs on their own account. Further information is available from the New South Wales Bar Association.

A Bachelor of Commerce Global enables graduates to meet the educational requirements of a number of national and international professional registrations and memberships, depending on the subjects completed. For more information visit [Professional Recognition](#).

## Honours

High achieving students, enrolled in this double degree, who are interested in undertaking [Honours in Law](#), may consult with the [Honours Coordinator in Law](#) regarding the possibility of transferring into an Honours version of the degree.

A student who successfully transfers into an Honours program but does not meet the minimum performance standards required for the award of Honours will be permitted to transfer back to the double degree in which

they were enrolled immediately prior to the transfer into the Honours course, and will be awarded credit for the number of credit points passed in the Honours degree.

## Other Information

For further information email:

- Law - lha-enquiries@uow.edu.au;
- Commerce - business-enquiries@uow.edu.au

Last reviewed: 26 September, 2019

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Communication and Media | 2019

Testamur Title of Degree:	Bachelor of Communication and Media
Abbreviation:	BCM
UOW Course Code:	1706
CRICOS Code:	094791G
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn/Spring
Delivery Mode:	On campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 753110

## Overview

In our increasingly connected and digital world, communicators with broad skills are in real demand.

The Bachelor of Communication and Media offers you a strong foundation in the national and international communication and media industry. With a focus on preparing you for global careers the course places an emphasis on high-level skills in media production, communication research and independent project work.

This degree is designed for careers in digital and social media; visual communication design; journalism; screen media production; marketing; advertising; and public relations. You will be immersed in the study and practice of media and communication, and will gain flexible and transferable skills that will prepare you for the ever-changing world of global media culture.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Demonstrate sound understanding of media and communication industries, practices, users, and regulation;
2	Demonstrate practical production skills appropriate to one or more of digital and social media, global screen media, visual communication design, journalism, and marketing communication and advertising;
3	Communicate effectively and ethically across a wide range of contexts, and contribute at a high level to the circulation of ideas and information;
4	Demonstrate the capacity to work independently and in teams, to manage continuous professional self-development, and to sustain professional relationships with integrity;
5	Synthesise conceptual, analytical and practical production skills to address complex issues in media and communication;
6	Develop novel solutions and resources that demonstrate expertise in

media and communication.

## Course Structure

To qualify for award of the degree, the Bachelor of Communication and Media, a candidate must successfully complete at least 144 credit points, comprised of:

1. Core subjects for the Bachelor of Communication and Media, outlined in the schedule below (48 credit points);
2. At least one of the five majors in this degree (48 credit points):
  - [Digital and Social Media](#)
  - [Global Screen Media](#)
  - [Journalism](#)
  - [Marketing Communication and Advertising](#)
  - [Visual Communication Design](#)
3. Electives to bring the total number of credit points completed to 144.

Note: No more than 60 credit points at 100 level.

Subject Code	Subject Name	Credit Points
<b>Year 1</b>		
<a href="#">BCM 110</a>	Introduction to Communication and Media Studies	6
<a href="#">BCM 111</a>	Global Media and Culture	6
<a href="#">BCM 113</a>	Media Ethics and Law	6
<a href="#">BCM 114</a>	Making Media	6
<b>Year 2</b>		
<a href="#">BCM 212</a>	Understanding Research Practice	6
<a href="#">BCM 222</a>	Global Media and Social Justice	6
<a href="#">BCM 241</a>	Media Ethnographies	6
<b>Year 3</b>		
<b>Plus ONE from the following Capstone subjects:</b>		
<a href="#">BCM 312</a>	Emerging Issues in Media & Communication	6



BCM 313	The Future of Work	6
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Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Majors

Majors are available in the following. Please see relevant pages for information.

- [Digital and Social Media](#)
- [Global Screen Media](#)
- [Journalism](#)
- [Marketing Communication and Advertising](#)
- [Visual Communication Design](#)

## Minors

Students studying the Bachelor of Communication and Media may be interested in the following minors:

- [Digital and Social Media](#)
- [Game Production](#)
- [Global Screen Media](#)
- [Graphic Design](#)
- [Journalism](#)
- [Marketing Communication and Advertising](#)

The Faculty of Law, Humanities and the Arts also offers a large number of other minors. Information is available on the [2019 LHA General Schedule of Minors](#) page.

Students may not undertake a Major and Minor Study in the same discipline (for example, students cannot take both a major and a minor in Journalism).

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

The [Faculty of Law, Humanities and the Arts internship program](#) provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Students' are also encouraged to consider [CRLP200](#) 'Career Ready Learning

and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Honours

Honours is a fourth year of study that provides training in independent research. Students who complete the single degree with the required academic standard are encouraged to proceed to the [Bachelor of Communication and Media \(Honours\)](#). Please refer to the handbook page for further information about the degree and entry requirements.

## Other Information

For further information email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 5 November, 2018

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# 2019 Undergraduate Courses

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Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Communication and Media (Dean's Scholar) | 2019

Testamur Title of Degree:	Bachelor of Communication and Media (Dean's Scholar)
Abbreviation:	BCM(Dean'sSchol)
UOW Course Code:	1707
CRICOS Code:	094792G
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 753111

## Overview

If you are a high-achieving and motivated student, the Dean's Scholar program will give you an enriched educational experience. The program includes a member of academic staff to advise you on matters concerned with your degree, as well as an annual book allowance, and designated study space. You will produce a major self-directed research project as a capstone to your degree in the final year of study.

The Bachelor of Communication and Media degree offers students a strong foundation in the global communication and media industries. This degree has a focus on preparing students for global careers in digital and social media, visual communication design, journalism, screen media production, marketing, communication and advertising. Students will encounter key ideas in the study and practice of media and communications, and gain flexible and transferable skills that will prepare them for informed engagement with the changing world of global media culture.

## Dean's Scholar Degrees

Dean's Scholars have the opportunity to attempt subjects not normally available to first-year students. They may be granted exemption from certain first-year subjects and may be permitted extended subject loads, enabling them to complete the degree in less than the normal time and enter Honours in their third year.

Dean's Scholar students benefit from:

- Access to shared study and workspace;
- Yearly text book/resource allowance for full time students;
- Limited printing privileges;
- Specialised subject [LHA 102](#) Dean's Scholars Seminar and [LHA 302](#) Dean's Scholars Research Project;
- Opportunities to attend academic and higher degree research workshops and seminars.
- On successful completion of this degree, students will be guaranteed admission to Honours.

Dean's Scholars are able to use the University's student exchange program to undertake a period of study overseas. Several Dean's Scholars have competed successfully for places in the Australian National Internship Program or the University Capitol Washington Internship Program, which places students in political offices in Canberra or Washington D.C. respectively.

To remain in the program, students must maintain an average of 75% in each year of study. If the student's average falls below 75%, the student will be transferred into the Bachelor of Communication and Media degree.

# Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Demonstrate sound understanding of media and communication industries, practices, users, and regulation;
2	Demonstrate practical production skills appropriate to one or more of digital and social media, global screen media, visual communication design, journalism, and marketing communication and advertising
3	Communicate effectively and ethically across a wide range of contexts, and contribute at a high level to the circulation of ideas and information
4	Demonstrate the capacity to work independently and in teams, to manage continuous professional self-development, and to sustain professional relationships with integrity
5	Synthesise conceptual, analytical and practical production skills to address complex issues in media and communication
6	Develop novel solutions and resources that demonstrate expertise in media and communication;
7	Independently plan and execute a research or professional based project that demonstrates an understanding and critical analysis of the area of study.

## Course Structure

To qualify for award of the degree, the Bachelor of Communication and Media (Dean's Scholar), a candidate must successfully complete at least 144 credit points, comprised of:

1. [LHA 102](#) Dean's Scholars Seminar (6 credit points);
2. [LHA 302](#) Dean's Scholars Research Project (6 credit points);
3. The core subjects for the [Bachelor of Communication and Media](#) (48 credit points);
4. At least one of the majors in the [Bachelor of Communication and Media](#) (48 credit points);

5. Electives to bring the total number of credit points completed to 144.

Notes:

- Not more than 60 credit points in 100-level subjects.
- Students must maintain an average mark of 75% or better.
- If students wish to complete two majors, they should consult with their Head of Students to discuss options.

## Majors and Minors

For a list of the major and minor options available in this degree, please see the [Bachelor of Communication and Media Course Handbook](#) page.

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

The [Faculty of Law, Humanities and the Arts internship program](#) provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Students are also encouraged to consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Honours

Honours is a fourth year of study that provides training in independent research. Students who complete the single degree with the required academic standard are encouraged to proceed to the [Bachelor of Communication and Media \(Honours\)](#). Please refer to the handbook page for further information about the degree and entry requirements.

## Other Information

To remain in the program, students must maintain an average of 75% in each year of study. If the student's average falls below 75%, the student will be transferred into the Bachelor of Communication and Media degree.

For further information email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

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# 2019 Undergraduate Courses

Home

□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Communication and Media (Honours) | 2019

Testamur Title of Degree:	Bachelor of Communication and Media (Honours)
Abbreviation:	BCM(Hons)
UOW Course Code:	1709
CRICOS Code:	094793F
Total Credit Points:	48
Duration:	1 year full-time or part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn / Spring
Delivery Mode:	On-campus
Delivery Campus:	Wollongong

## Overview

If you are doing, or have done particularly well in your Bachelor of Communication and Media degree, you should consider an Honours year. Your Bachelor of Communication and Media degree will have introduced you to a wide range of topics and problems, and an Honours project will enable you to explore these ideas in much greater depth. Honours research topics are various and negotiable. If you are really interested in a topic and want to find answers, you'll be encouraged and supported.

From a potential employer's perspective, your ability to achieve a complex goal, meet deadlines, investigate independently, use resources effectively and write coherently are highly valued attributes.

The Honours year has a number of functions at UOW; as an in-depth project at the end of undergraduate study, and as a bridge between undergraduate study and advanced research. It may also afford you the opportunity to explore future career options. Studying Honours teaches you: training in research skills and in information systems (archives, the Library, databases and electronic research networks); opportunity to practise articulating complex ideas orally and in writing; experience in working closely with a supervisor on a project and in preparing a major project to meet a deadline; and experience in devising, researching and writing up an individual topic of study in an extended argument or thesis.

### Areas of Study

Students may also undertake Joint Honours where two of the areas set out above can be combined, or when a discipline from the Faculty of Law, Humanities and Arts is combined with a discipline from another Faculty. Students who are intending to undertake Joint Honours should consult the Faculty [Honours Co-ordinator](#).

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
-----	-------------

1	Independently plan and execute a research-based project or piece of scholarship that demonstrates in-depth understanding and critical analysis of the areas of Media and Communication;
2	Demonstrate advanced theoretical knowledge and critically reflect on, synthesise and evaluate information, problems, concepts and theories;
3	Communicate a coherent and sustained argument, explaining and disseminating research results and conclusions;
4	Apply an advanced knowledge of research, research integrity, ethics and the rights and safety of others, to independently plan and execute a substantial piece of research.

## Course Structure

To qualify for award of the Bachelor of Communication and Media (Honours), a candidate must successfully complete at least 48 credit points.

The program consists of 50% coursework and 50% research work. The research component takes the form of a research thesis completed under the supervision of an academic.

### Full-time Study

Subject Code	Subject Name	Credit Points
<b>All three subjects:</b>		
LHA 401	The Writer: Critic, Analyst, Voice	12
BCM 470	Bachelor of Communication and Media Studies Honours	12
LHA 480	Thesis (full-time)	24

### Part-time Study

Subject Code	Subject Name	Credit Points
<b>All four subjects:</b>		
LHA 401	The Writer: Critic, Analyst, Voice	12
BCM 470	Bachelor of Communication and Media Studies Honours	12

<a href="#">LHA 482</a>	Thesis (Part-time)	12
<a href="#">LHA 482</a>	Thesis (Part-time)	12

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Honours Guide and Code of Practice

The Faculty of Law, Humanities and the Arts Honours Guide provides detailed information on all Honours courses and can be accessed from the [LHA Honours Programs](#) page.

Students are advised to refer to the University's [Code of Practice - Honours](#).

## Grade of Honours

Honours Grades are calculated in accordance with the University's [General Course Rules](#).

## Other Information

For further information please email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au).

Last reviewed: 2 August, 2019

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Communication and Media - Bachelor of Commerce | 2019

Testamur Title of Degree:	Bachelor of Communication and Media - Bachelor of Commerce
Abbreviation:	BCM-BCom
UOW Course Code:	1790
CRICOS Code:	094796C
Total Credit Points:	216
Duration:	4.5 years full-time or part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn / Spring*
Delivery Mode:	On campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 751351

\*Students eligible for Credit Transfer may begin in Summer Session if appropriate subjects are available.

## Overview

Studying communications and commerce provides you with an understanding of the business and commercial environment including management, operations and marketing, accounting, economics and finance. You will be able to research, plan, execute and manage marketing campaigns and acquire skills in issue management, product publicity, crisis communications, and media relations.

The Bachelor of Communication and Media degree offers students a strong foundation in the global communication and media industries. This degree has a focus on preparing students for global careers in digital and social media, visual communication design, journalism, screen media production, marketing, communication and advertising. Students will encounter key ideas in the study and practice of media and communications, and gain flexible and transferable skills that will prepare them for informed engagement with the changing world of global media culture.

Today's business environment is dynamic and complex. The Bachelor of Commerce degree provides core skills in many business functions as well as specialist knowledge in a chosen field. Throughout this degree you will have the opportunity to gain practical, real-world experience and make professional connections, including the opportunity to participate in the Business Internship program.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

The outcomes which are common and consolidated in this joint degree ensure that on successful completion of the course students will be able to:

CLO	Description
-----	-------------

1	Critically analyse national and international issues and contexts;
2	Apply ethical principles to a range of contexts;
3	Develop and apply a set of relevant professional and technical skills for professional purposes;
4	Communicate effectively orally and in writing.

Please refer to the [Course Handbook](#) page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

To qualify for award of the Bachelor of Communication and Media - Bachelor of Commerce, a candidate must complete a minimum of 216 credit points comprised of:

1. Core subjects (including the capstone subject) from the [Bachelor of Commerce](#) (54 credit points);
2. At least one major from the [Bachelor of Commerce](#) (48 credit points);
3. The core subjects for the [Bachelor of Communication and Media](#) (48 credit points)
4. At least one major from the [Bachelor of Communication and Media](#) (48 credit points);
5. Electives to bring the total credit points to 216.

Note: No more than 90 credit points in 100-level subjects.

## Majors

Students completing this degree will complete at least two majors. One chosen from the [Bachelor of Communication and Media](#), and one from the [Bachelor of Commerce](#). Follow the links to the Course Handbook pages for each degree for information on majors available.

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

The [Faculty of Law, Humanities and the Arts internship program](#) provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Students' are also encouraged to consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your



professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Honours

Honours is a fourth year of study that provides training in independent research. Students who complete the double degree with the required academic standard are encouraged to proceed to either the [Bachelor of Communication and Media \(Honours\)](#) or the [Bachelor of Commerce \(Honours\)](#). Please refer to the Honours handbook pages for further information about these degrees.

## Other Information

For further information please email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 29 December, 2018

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# 2019 Undergraduate Courses

Home

□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Communication and Media - Bachelor of Computer Science |2019

Testamur Title of Degree:	Bachelor of Communication and Media - Bachelor of Computer Science
Abbreviation:	BCM-BCompSc
UOW Course Code:	1798
CRICOS Code:	096745J
Total Credit Points:	216
Duration:	4.5 years full-time or part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong

## Overview

The Bachelor of Communication and Media - Bachelor of Computer Science will allow you to examine the rise of local and global media industries, audiences and practices, and critique their implications across technology, policy, social and cultural dimensions. It will combine the theoretical foundations and practical approaches to computation and its applications. You will learn to design methods and tools and write programs for varied purposes such as applications for mobile data, game design, and information management and big data.

You will gain both a strong computer science foundation and a deep understanding of how to be a professional communicator in a global environment studying the Bachelor of Communication and Media - Bachelor of Computer Science.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

Please refer to the Undergraduate Course Handbook page of each individual for a comprehensive list of degree course learning outcomes.

## Course Structure

To qualify for award of this degree students must complete a minimum of 216 credit points comprised of the following:

1. The core subjects for the [Bachelor of Communication and Media](#) (48 credit points);
2. At least one of the majors in the [Bachelor of Communication and Media](#) (48 credit points);
3. The core subjects for the [Bachelor of Computer Science](#) (96 credit points)
4. At least one of the majors in the [Bachelor of Computer Science](#) (24 credit points)

Note: Not more than 90 credit points in 100-level subjects.

## Professional Recognition/Accreditation

The Bachelor of Computer Science is accredited by the [Australian Computer](#)

[Society](#) as meeting the requirements for membership at a “Professional Level”.

## Honours

Honours is an additional year of study that provides training in independent research. Students who complete the double degree with the required standard are encouraged to proceed to either the [Bachelor of Communication and Media \(Honours\)](#) or the [Bachelor of Computer Science \(Honours\)](#). Please refer to the Course Handbook pages for further information about these degrees.

## Other Information

For further information email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 3 October, 2018

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# 2019 Undergraduate Courses

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Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Communication and Media - Bachelor of Economics and Finance | 2019

Testamur Title of Degree:	Bachelor of Communication and Media - Bachelor of Economics and Finance
Abbreviation:	BCM-BEconFin
UOW Course Code:	1794
CRICOS Code:	094801M
Total Credit Points:	216
Duration:	4.5 years full-time or part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Sessions(s):	Autumn / Spring*
Delivery Mode:	On campus (Face-to-face)

Delivery Campus / UAC Code:	Wollongong / 751355
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\*Students eligible for Credit Transfer may begin in Summer Session if appropriate subjects are available.

## Overview

The Bachelor of Communication and Media - Bachelor of Economics and Finance has a strong focus on international media and business, and encourages an understanding of how producers and consumers interact in a media saturated world. It will teach you a diverse skill set and equip you with critical and creative thinking skills, along with effective communication and problem solving skills that you can take into a range of careers.

The Bachelor of Communication and Media degree offers students a strong foundation in the global communication and media industries. This degree has a focus on preparing students for global careers in digital and social media, visual communication design, journalism, screen media production, marketing, communication and advertising. Students will encounter key ideas in the study and practice of media and communications, and gain flexible and transferable skills that will prepare them for informed engagement with the changing world of global media culture.

Economics and Finance explores the theory, policies, practices and institutions of the domestic and global economy at both the micro and macro levels. You will develop the skills necessary to make responsible professional judgements in economic and financial decision-making, as well as identify and apply tools of analysis to a wide range of economic issues, including the behaviour of consumers and firms, the labour market, the environment, fiscal and monetary policy, and international trade.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

The outcomes which are common and consolidated in this joint degree ensure that on successful completion of the course students will be able to:

CLO	Description
1	Apply ethical principles to a range of contexts;
2	Develop and apply a set of relevant professional and technical skills for professional purposes;
3	Communicate effectively orally and in writing across a wide range of contexts.

Please refer to the [Course Handbook](#) page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

To qualify for award of the degree, the Bachelor of Communication and Media - Bachelor of Economics and Finance, a candidate must successfully complete minimum of 216 credit points comprised of:

1. Core subjects for the [Bachelor of Economics and Finance](#) (120 credit points);
2. The core subjects for the [Bachelor of Communication and Media](#) (48 credit points);
3. At least one of the majors in the [Bachelor of Communication and Media](#) (48 credit points).

Note: No more than 90 credit points in 100-level subjects.

## Majors

Students completing this degree will complete at least two majors. One chosen from the [Bachelor of Communication and Media](#), and one from the [Bachelor of Economics and Finance](#). Follow the Course Handbook links for information on majors available in each degree.

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

The [Faculty of Law, Humanities and the Arts internship program](#) provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Students' are also encouraged to consider [CRLP200](#) 'Career Ready Learning



and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Professional Recognition

The Bachelor of Economics and Finance enables graduates to meet the educational requirements for membership of relevant professional associations. For further information, visit [Professional Recognition and Accreditation](#).

## Honours

Honours is a fourth year of study that provides training in independent research. Students who complete the double degree with the required academic standard in the relevant major are encouraged to proceed to the [Bachelor of Communication and Media \(Honours\)](#). Please refer to the Honours handbook page for further information about this degree.

## Other Information

For further information please email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 19 February, 2019

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# 2019 Undergraduate Courses

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Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Communication and Media - Bachelor of International Studies | 2019

Testamur Title of Degree:	Bachelor of Communication and Media - Bachelor of International Studies
Abbreviation:	BCM-BIntSt
UOW Course Code:	1791
CRICOS Code:	094797B
Total Credit Points:	216
Duration:	4.5 years full-time or part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn / Spring
Delivery Mode:	On campus (Face-to-face with online support)

Delivery Campus / UAC Code:	Wollongong / 751354
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## Overview

The Bachelor of Communication and Media degree offers students a strong foundation in the global communication and media industries. This degree has a focus on preparing students for global careers in digital and social media, visual communication design, journalism, screen media production, marketing, communication and advertising. Students will encounter key ideas in the study and practice of media and communications, and gain flexible and transferable skills that will prepare them for informed engagement with the changing world of global media culture.

International Studies is the analysis, appreciation and study of the diversity of the global community. It examines the relationships of politics, society, culture, language, and history in a range of countries and globally. International Studies teaches you how to analyse national and global issues. You will learn about the forces shaping the modern world and the theories that underpin our understanding of the most important global issues. You will also gain language skills and we strongly encourage students to undertake study abroad to further expand their skills.

The two degrees are complementary with their focus on internationalisation and globalisation from different perspectives. It suits those seeking future careers in media, or related fields, in an international context and will prepare you for the world of digital communications and social media.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

The outcomes, which are common and consolidated in this joint degree, ensure that on successful completion of the course, students will be able to:

CLO	Description
-----	-------------

1	Critically analyse national and international issues and contexts;
2	Apply problem solving skills to complex issues
3	Communicate effectively to a range of audiences.

Please refer to the [Course Handbook](#) page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

To qualify for award of the degree, the Bachelor of Communication and Media - Bachelor of International Studies, a candidate must successfully complete at least 216 credit points, comprised of:

1. The core subjects for the [Bachelor of International Studies](#) (24 credit points);
2. A minimum of a [minor](#) in a language other than English (or students may elect to take a major in a language) (a minimum of 24 credit points);
3. At least one of the majors listed for the [Bachelor of International Studies](#) (48 credit points);
4. The core subjects for the [Bachelor of Communication and Media](#) (48 credit points);
5. At least one of the majors from the [Bachelor of Communication and Media](#) (48 credit points);
6. Electives to bring the total number of credit points completed to 216.

Notes:

- Not more than 90 credit points in 100-level subjects.
- Students must achieve a clear pass in the core 300 level subjects.

## Majors and Minors

Students completing this degree will complete at least two majors. One chosen from the [Bachelor of Communication and Media](#), and one from the [Bachelor of International Studies](#). Follow the links to each Course Handbook page for information on majors available in each degree.

As part of the Bachelor of International Studies, students will complete at least one minor in a language other than English. Minors available for each degree are also outlined on the course handbook pages.

Students may also choose to use elective subjects to complete another minor. Information regarding minors is available on the [2019 LHA General Schedule of Minors](#) page.

## Work Integrated Learning

Undertaking a work integrated learning experience during your university

education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

The [Faculty of Law, Humanities and the Arts internship program](#) provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Students' are also encouraged to consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Honours

Honours is a fourth year of study that provides training in independent research. Students who complete the double degree with the required academic standard are encouraged to proceed to either the [Bachelor of Communication and Media \(Honours\)](#) or the [Bachelor of International Studies \(Honours\)](#). Please refer to the Honours handbook pages for further information about these degrees and their entry requirements.

## Other Information

For further information please email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 12 November, 2018

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# 2019 Undergraduate Courses

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Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Communication and Media - Bachelor of International Studies (Dean's Scholar) | 2019

Testamur Title of Degree:	Bachelor of Communication and Media - Bachelor of International Studies (Dean's Scholar)
Abbreviation:	BCM-BIntSt(Dean'sSchol)
UOW Course Code:	1792
CRICOS Code:	094798A
Total Credit Points:	216
Duration:	4.5 years full-time or part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus /	Wollongong / 751363



UAC Code:

## Overview

If you are a high-achieving and motivated student, the Dean's Scholar program will give you an enriched educational experience. The program includes a member of academic staff to advise you on matters concerned with your degree, as well as an annual book allowance, and designated study space. You will produce a major self-directed research project as a capstone to your degree in the final year of study.

The Bachelor of Communication and Media degree offers students a strong foundation in the global communication and media industries. This degree has a focus on preparing students for global careers in digital and social media, visual communication design, journalism, screen media production, marketing, communication and advertising. Students will encounter key ideas in the study and practice of media and communications, and gain flexible and transferable skills that will prepare them for informed engagement with the changing world of global media culture.

International Studies is the analysis, appreciation and study of the diversity of the global community. It examines the relationships of politics, society, culture, language, and history in a range of countries and globally. International Studies teaches you how to analyse national and global issues. You will learn about the forces shaping the modern world and the theories that underpin our understanding of the most important global issues. You will also gain language skills and we strongly encourage students to undertake study abroad to further expand their skills.

The two degrees are complementary with their focus on internationalisation and globalisation from different perspectives. It suits those seeking future careers in media, or related fields, in an international context and will prepare you for the world of digital communications and social media.

## Dean's Scholar Degrees

Dean's Scholars have the opportunity to attempt subjects not normally available to first-year students. They may be granted exemption from certain first-year subjects and may be permitted extended subject loads, enabling them to complete the degree in less than the normal time and enter Honours in their third year.

Dean's Scholar students benefit from:

- Access to shared study and workspace;
- Yearly text book/resource allowance for full time students;
- Limited printing privileges;
-

Specialised subject [LHA 102](#) Dean's Scholars Seminar and [LHA 302](#) Dean's Scholars Research Project;;

- Opportunities to attend academic and higher degree research workshops and seminars.
- On successful completion of this degree, students will be guaranteed admission to Honours.

Dean's Scholars are able to use the University's student exchange program to undertake a period of study overseas. Several Dean's Scholars have competed successfully for places in the Australian National Internship Program or the University Capitol Washington Internship Program, which places students in political offices in Canberra or Washington D.C. respectively.

To remain in the program, students must maintain an average of 75% in each year of study. If the student's average falls below 75%, the student will be transferred into the Bachelor of Communication and Media - Bachelor of International Studies degree.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

The course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Please refer to the Course Handbook page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

To qualify for award of the degree, the Bachelor of Communication and Media - Bachelor of International Studies (Dean's Scholar), a candidate must successfully complete at least 216 credit points, comprised of:

1. [LHA 102](#) Dean's Scholars Seminar (6 credit points);
2. [LHA 302](#) Dean's Scholars Research Project (6 credit points);
3. The core subjects for the [Bachelor of International Studies](#) (24 credit points);
4. A minimum of a minor in a language other than English (minimum 24 credit points);
5. At least one of the majors in the [Bachelor of International Studies](#) (48 credit points);
6. The core subjects for the [Bachelor of Communication and Media](#) (48 credit points);

7. At least one of the majors in the [Bachelor of Communication and Media](#) (48 credit points);
8. Electives to bring the total credit points to 216.

Notes:

- Students must maintain an average mark of 75% or better.
- Not more than 90 credit points in 100-level subjects.
- Students must achieve a clear pass in the core 300 level subjects.

## Majors and Minors

Students completing this degree will complete at least two majors. One chosen from the [Bachelor of Communication and Media](#), and one from the [Bachelor of International Studies](#).

As part of the Bachelor of International Studies, students will complete at least one minor in a language other than English.

Follow the links to each Course Handbook page for information on majors and minors available in each degree.

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

The [Faculty of Law, Humanities and the Arts internship program](#) provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Students' are also encouraged to consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Honours

Honours is a fourth year of study that provides training in independent research. Students who complete the double degree with the required academic standard are encouraged to proceed to either the [Bachelor of Communication and Media \(Honours\)](#) or the [Bachelor of International Studies \(Honours\)](#). Please refer to the handbook pages for the further information about these degrees and their entry requirements.

## Other Information

To remain in the program, students must maintain an average of 75% in each year of study. If the student's average falls below 75%, the student will be transferred into the Bachelor of Communication and Media - Bachelor of International Studies degree.

For further information please email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 20 March, 2019

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# 2019 Undergraduate Courses

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Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Communication and Media - Bachelor of Laws | 2019

Testamur Title of Degree:	Bachelor of Communication and Media - Bachelor of Laws
Abbreviation:	BCM-LLB
UOW Course Code:	1887
CRICOS Code:	094211M
Total Credit Points:	240
Duration:	5 years full-time or *part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn / Spring**
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 751210

\*Students interested in studying this degree part-time should consult with the Law Head of Students by contacting [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au).

\*\*Students commencing in Spring will undertake their first session in the Bachelor of Communication and Media, before completing their first year of Law in their second year of enrolment.

## Overview

A Bachelor of Communication and Media - Bachelor of Laws from UOW equips you with a comprehensive legal education: a world-class degree that provides a thorough grounding in the law, as well as a real-world focus on the essential practical skills and the social and ethical context in which the law operates.

Combining Law with a Bachelor of Communication and Media will prepare you to engage with a global media culture within a legal context. It has an international focus and places strong emphasis on research skills, while introducing students to ways in which new media shapes our everyday lives. We look at the ethical and legal considerations of emerging media within the workplace as well as our local, national and international communities.

We believe that practical experience is a vital part of your legal training. We are the only law school in New South Wales that requires you to complete a legal internship, providing highly valued industry experience.

We are committed to social justice and providing a legal education that engages with the complexities of law's intersection with society.

This double degree delivers a practical and contextual legal education that prepares graduates not only for traditional careers in the legal profession but also for a wide range of careers in government, business and community organisations – as leaders, innovators and problem solvers.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

The outcomes which are common and consolidated in this double degree

ensure that on successful completion of the course students will be able to:

CLO	Description
1	Apply ethical principles to a range of contexts;
2	Apply problem solving skills to complex issues;
3	Communicate effectively to a range of audiences through a range of media.

Please refer to the [Course Handbook](#) page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

To qualify for award of the degree, the Bachelor of Communication and Media - Bachelor of Laws, a candidate must successfully complete at least 240 credit points, comprised of:

1. All compulsory Law subjects for the Bachelor of Laws (Graduate Entry) (114 credit points) as set out below;
2. 30 credit points of electives from the [Bachelor of Laws \(Graduate Entry\)](#) elective list;
3. All core subjects in the [Bachelor of Communication and Media](#) (48 credit points);
4. One of the major studies in the [Bachelor of Communication and Media](#) (48 credit points).

Notes:

- No more than 48 credit points shall be of 100-level subjects.
- Students in this degree are not required to take LHA 101.
- Where any subjects have the prefix LAW, the equivalent Bachelor of Laws subjects (LLB) must be substituted.

Subject Code	Subject Name	Credit Points
<b>Year 1</b>		
<a href="#">LLB1100</a>	Foundations of Law	6
<a href="#">LLB1115</a>	Legal Skills	6
<a href="#">LLB1120</a>	Law of Contract A	6
<a href="#">LLB1130</a>	Criminal Law and Procedure A	6
<a href="#">LLB1160</a>	Interpreting the Law	6

<a href="#">LLB1170</a>	Law of Contract B	6
<a href="#">LLB1180</a>	Criminal Law and Procedure B	6
<a href="#">LLB1197</a>	Legal Ethics & Professional Responsibility	6
<b>Year 2</b>		
<a href="#">LLB2220</a>	Property Law	6
<a href="#">LLB2230</a>	Administrative Law	6
<a href="#">LLB2270</a>	Equity and Trusts	6
<a href="#">LLB2280</a>	Constitutional Law	6
Subjects from the Bachelor of Communication and Media schedule		
<b>Year 3</b>		
<a href="#">LLB2240</a>	Law of Torts	6
<a href="#">LLB2225</a>	Advanced Legal Skills	6
<a href="#">LLB2290</a>	Jurisprudence	6
<a href="#">LLB3397</a>	Legal Internship	3
1 LLB Elective		6
Subjects from the Bachelor of Communication and Media schedule		
<b>Year 4</b>		
<a href="#">LLB3300</a>	Remedies and Civil Procedure	6
<a href="#">LLB3301</a>	Evidence	6
<a href="#">LLB3302</a>	Law of Business Organisations	6
1 LLB Elective		6
Subjects from the Bachelor of Communication and Media schedule		
<b>Year 5</b>		



2 LLB Electives		12
1 LLB Electives		6
<a href="#">LLB3399</a>	Law, Justice and Professional Practice	3
Subjects from the Bachelor of Communication and Media schedule		

### Part-time Study

A student is considered part-time when they are enrolled in less than 75% of the standard load for a session. If you are seeking to complete your undergraduate law degree part-time, you are required to complete a minimum of 12 credit points (2 subjects) per session. Please refer to the [Recommended Study Sequence](#) for information.

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Majors

As part of the Bachelor of Communication and Media degree, students will complete a major, chosen from the options outlined on the [Bachelor of Communication and Media Course Handbook](#) page.

## Compulsory Work Placement / Online Component

This course contains a total of 140 hours over 4 weeks of compulsory work-based placements. This course may also contain compulsory components to be completed online.

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

Law students will complete a Legal Internship subject (LLB3397). This subject is the vehicle for a practical placement designed to expose students to the application of the law in practice; enable students to understand the importance of developing the skills of legal research; communication, drafting, practice management and problem solving; and enable students to observe and reflect upon the values, ethical standards and conduct of the

legal profession in practice.

## Law Professional Recognition/Accreditation

The UOW Bachelor of Laws (single LLB or in combination with another degree) is accredited by the Legal Profession Admission Board (LPAB) as satisfying the academic requirements necessary for admission to the Australian legal profession. On completion of the Bachelor of Laws, a student who wishes to practise as a barrister or solicitor must also undertake some form of professional practical training, the requirements for which vary between each state and territory of Australia.

In New South Wales, a student who intends to qualify for admission to practice is required to undertake a practical legal training (PLT) course accredited by the LPAB, followed by or incorporating a period of practical experience in a law-related setting. Practical experience gained by students in [LLB3397](#) Legal Internship may be counted towards this practical experience requirement. Graduates should check with their PLT provider. A list of LPAB accredited PLT courses can be found on the LPAB website.

Students who intend to practise as solicitors after admission will be subject to a period of restricted practice and the mandatory continuing legal education requirements. Further information is available from the Law Society of New South Wales. Students who intend to practise as barristers after admission will be required to read with a senior barrister for a period of time and to undertake the Bar Readers' Course and Bar Examination before being qualified to take briefs on their own account. Further information is available from the [New South Wales Bar Association](#).

## Honours

### Law

High achieving students enrolled in this double degree may consult with the [Honours Coordinator in Law](#) regarding the possibility of transferring into an [Honours Law](#) degree.

A student who successfully transfers into an Honours program but does not meet the minimum performance standards required for the award of Honours will be permitted to transfer back to the double degree in which they were enrolled immediately prior to the transfer into the Honours course, and will be awarded credit for the number of credit points passed in the Honours degree.

### Communication and Media

Students interested in pursuing an Honours in Communication and Media should refer to the [Bachelor of Communication and Media \(Honours\)](#) Course Handbook page for more information.

## Other Information

For further information please email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 11 June, 2019

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# 2019 Undergraduate Courses

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Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Communication and Media - Bachelor of Laws (Honours)

Testamur Title of Degree:	Bachelor of Communication and Media - Bachelor of Laws (Honours)
Abbreviation:	BCM - LLB (Hons)
UOW Course Code:	1797
CRICOS Code:	096744K
Total Credit Points:	240
Duration:	5 years full-time or *part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn / **Spring
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong

\*Students interested in studying this degree part-time should consult with the Law Head of Students by contacting [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au).

\*\*Students commencing in Spring will undertake their first session in the Bachelor of Arts, before completing their first year of Law in their second year of enrolment.

## Overview

A Bachelor of Communication and Media - Bachelor of Laws (Honours) from UOW equips you with a comprehensive legal education: a world-class degree that provides a thorough grounding in the law, as well as a real-world focus on the essential practical skills and the social and ethical context in which the law operates.

Combining Law with a Bachelor of Communication and Media will prepare you to engage with a global media culture within a legal context. It has an international focus and places strong emphasis on research skills, while introducing students to ways in which new media shapes our everyday lives. We look at the ethical and legal considerations of emerging media within the workplace as well as our local, national and international communities.

The Honours year has two functions at UOW; as an in-depth project at the end of undergraduate study, and as a bridge between undergraduate study and advanced research.

Studying Honours gives you:

- Training in research skills and information systems (archives, the Library, databases, electronic research networks)
- The ability to present complex ideas verbally and in writing
- The opportunity to work closely with a supervisor and prepare a major project to meet critical deadlines
- Experience in devising, researching and writing up an individual topic of study in an extended format

We believe that practical experience is a vital part of your legal training. We are the only law school in New South Wales that requires you to complete a legal internship, providing highly valued industry experience.

We are committed to social justice and providing a legal education that engages with the complexities of law's intersection with society.

This double degree delivers a practical and contextual legal education that prepares graduates not only for traditional careers in the legal profession but also for a wide range of careers in government, business and community organisations – as leaders, innovators and problem solvers.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as

eligibility for credit for prior learning, is available from the Course Finder.

## Course Learning Outcomes

Please refer to the Course Handbook page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

To qualify for award of the degree, the Bachelor of Communication and Media - Bachelor of Laws (Honours), a candidate must successfully complete at least 240 credit points, comprised of the following:

1. All compulsory Law subjects for the Bachelor of Laws (Graduate Entry) (114 credit points) as set out below;
2. One 6 credit point elective subject from the [Bachelor of Laws \(Graduate Entry\)](#) elective list (6 credit points);
3. [LLB4400](#) Legal Research Methodology (12 credit points);
4. [LLB4401](#) Legal Research Thesis (12 credit points);
5. Core subjects for the [Bachelor of Communication and Media](#) (48 credit points);
6. One major chosen from the [Bachelor of Communication and Media](#) (48 credit points);

Notes:

- No more than 48 credit points shall be of 100-level subjects.
- Students in this degree are not required to take LHA 101.
- Where any subjects have the prefix LAW, the equivalent Bachelor of Laws (LLB) subjects must be substituted.

Subject Code	Subject Name	Credit Points
<b>Year 1</b>		
<a href="#">LLB1100</a>	Foundations of Law	6
<a href="#">LLB1115</a>	Legal Skills	6
<a href="#">LLB1120</a>	Law of Contract A	6
<a href="#">LLB1130</a>	Criminal Law and Procedure A	6
<a href="#">LLB1160</a>	Interpreting the Law	6
<a href="#">LLB1170</a>	Law of Contract B	6
<a href="#">LLB1180</a>	Criminal Law and Procedure B	6

<a href="#">LLB1197</a>	Ethics and Professional Responsibility	6
<b>Year 2</b>		
<a href="#">LLB2220</a>	Property Law	6
<a href="#">LLB2230</a>	Administrative Law	6
<a href="#">LLB2270</a>	Equity and Trusts	6
<a href="#">LLB2280</a>	Constitutional Law	6
Subjects from the Bachelor of Communication and Media schedule		
<b>Year 3</b>		
<a href="#">LLB2240</a>	Law of Torts	6
<a href="#">LLB2225</a>	Advanced Legal Skills	6
<a href="#">LLB2290</a>	Jurisprudence	6
<a href="#">LLB3397</a>	Legal Internship	3
Subjects from the Bachelor of Communication and Media schedule		
<b>Year 4</b>		
<a href="#">LLB3330</a>	Law of Employment	6
<a href="#">LLB3301</a>	Evidence	6
<a href="#">LLB3302</a>	Law of Business Organisations	6
1 LLB Elective		6
Subjects from the Bachelor of Communication and Media schedule		
<b>Year 5</b>		
<a href="#">LLB4400</a>	Legal Research Methodology	12
<a href="#">LLB4401</a>	Legal Research Thesis	12
<a href="#">LLB3399</a>	Law, Justice and Professional	3

## Practice

### **Subjects from the Bachelor of Communication and Media schedule**

#### **Part-time Study**

A student is considered part-time when they are enrolled in less than 75% of the standard load for a session. If you are seeking to complete your undergraduate law degree part-time, you are required to complete a minimum of 12 credit points (2 subjects) per session. Please refer to the [Recommended Study Sequence](#) for information.

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Majors

Students in this degree will complete one major chosen from the [Bachelor of Communication and Media](#). Options are available on the course handbook page.

## Compulsory Work Placement / Online Components

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

Law students will complete a Legal Internship subject (LLB3397). This subject is the vehicle for a practical placement designed to expose students to the application of the law in practice; enable students to understand the importance of developing the skills of legal research; communication, drafting, practice management and problem solving; and enable students to observe and reflect upon the values, ethical standards and conduct of the legal profession in practice. This course contains a total of 140 hours over 4 weeks of compulsory work-based placements. This course may also contain compulsory components to be completed online.

## Law Professional Recognition / Accreditation

The UOW Bachelor of Laws (single LLB or in combination with another degree) is accredited by the Legal Profession Admission Board (LPAB) as



satisfying the academic requirements necessary for admission to practice as a lawyer. On completion of the Bachelor of Laws, a student who wishes to practise as a barrister or solicitor must also undertake some form of professional practical training, the requirements for which vary between each state and territory of Australia.

In New South Wales, a student who intends to qualify for admission to practise as a legal practitioner is required to undertake a practical legal training (PLT) course accredited by the LPAB, followed by or incorporating a period of practical experience in a law-related setting. Practical experience gained by students in [LLB3397](#) Legal Internship may be counted towards this practical experience requirement (eg ANU and College of Law will recognise days completed as part of [LLB3397](#)). Graduates should check with their PLT provider. A list of LPAB accredited PLT courses can be found on the [LPAB website](#).

Students who intend to practise as lawyers after admission should obtain further information about restricted practice and the mandatory continuing legal education requirements from the Law Society of New South Wales. Students who intend to practise as barristers after admission will be required to read with a senior barrister for a period of time and to undertake the Bar Readers' Course before being qualified to take briefs on their own account. Further information is available from the [New South Wales Bar Association](#).

## Honours Guide and Code of Practice

The Faculty of Law, Humanities and the Arts Honours Guide provides detailed information on all Honours courses and can be accessed from the [LHA Honours Programs](#) page.

Students are advised to refer to the University's [Code of Practice - Honours](#).

## Grade of Honours

Honours Grades are calculated in accordance with the University's [General Course Rules](#).

## Other Information

For further information please email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Communication and Media - Bachelor of Science | 2019

Testamur Title of Degree:	Bachelor of Communication and Media - Bachelor of Science
Abbreviation:	BCM-BSc
UOW Course Code:	1793
CRICOS Code:	094800A
Total Credit Points:	216
Duration:	4.5 years full-time or part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn/Spring*
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 751353

\*Students with Advanced Standing may begin in Summer Session if appropriate subjects are available.

## Overview

The Bachelor of Communication and Media degree offers students a strong foundation in the global communication and media industries. This degree has a focus on preparing students for global careers in digital and social media, visual communication design, journalism, screen media production, marketing, communication and advertising. Students will encounter key ideas in the study and practice of media and communications, and gain flexible and transferable skills that will prepare them for informed engagement with the changing world of global media culture.

Science is the search and application of information and understanding of the natural and social world using an evidence based approach. Science, Technology, Engineering and Mathematics (STEM) skills are becoming increasingly important in Australia with forecasted growth in the Professional, Scientific and Technical Services Industry. This means that exciting employment opportunities and new career options for graduates are being created each day.

The Bachelor of Communication and Media - Bachelor of Science will allow you to examine the rise of local and global media industries, audiences and practices, and critique their implications across technology, policy, social and cultural dimensions. It combines the practical, numeracy and computer skills of science with the critical and creative thinking skills, and effective problem solving skills learned from studying communication and media.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

The course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Please refer to the Course Handbook page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

To qualify for award of the degree, the Bachelor of Communication and Media - Bachelor of Science, a candidate must successfully complete at least 216 credit points, comprised of:

1. The core subjects for the [Bachelor of Communication and Media](#) (48

credit points);

2. At least one of the majors in the [Bachelor of Communication and Media](#) (48 credit points);
3. At least one of the major in the [Bachelor of Science](#);
4. Electives to bring the total credit points to 216. These can be subjects offered by the Faculty of Law, Humanities and the Arts or other faculties.

Note: No more than 90 credit points in 100-level subjects.

## Majors and Minors

Students completing this degree will complete at least two majors. One chosen from the [Bachelor of Communication and Media](#), and one from the [Bachelor of Science](#). Follow the links to each Course Handbook page for information on the majors available in each degree.

Minors are available in the [Bachelor and Communications and Media](#) degree, as outlined on the Course Handbook page.

Students may also be eligible for other minors provided they meet the requirements set. Information regarding minors is available on the [2019 LHA General Schedule of Minors](#) page.

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

The [Faculty of Law, Humanities and the Arts internship program](#) provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Students' are also encouraged to consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Honours

Honours is an additional year of study that provides training in independent research. Students who complete the double degree with the required standard are encouraged to proceed to either the [Bachelor of Communication and Media \(Honours\)](#) or the [Bachelor of Science \(Honours\)](#).

Please refer to the handbook pages for further information about these degrees.

## Other Information

Further information is available via email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 9 October, 2018

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Computer Science Options | 2019

The University of Wollongong offers two different locations for students wishing to study a Bachelor of Computer Science degree.

### Faculty of Engineering and Information Sciences

#### **Bachelor of Computer Science - Wollongong Campus**

For students wishing to study at the Wollongong Campus.

Course Code: 766

#### **Bachelor of Computer Science - South Western Sydney Campus**

For students wishing to study at the South Western Sydney Campus.

Course Code: SW766

Last reviewed: 24 April, 2018

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Computer Science (Dean's Scholar) | 2019

Testamur Title of Degree:	Bachelor of Computer Science (Dean's Scholar)
Abbreviation:	BCompSc(Dean'sSchol)
UOW Course Code:	1802
CRICOS Code:	081898D
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Engineering & Information Sciences
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 754110

## Overview

The Bachelor of Computer Science (Dean's Scholar) focuses on the development of high-level programming skills that can be applied across a wide range of applications, including analysis of stock market trends, games design, neural network design, automatic teller machines and patient monitoring in hospitals. The core subjects teach you to understand the structure of data and the role it plays in delivering solutions to complex problems.

The degree includes core of programming subjects as well as electives in languages, artificial intelligence, computer security, computer graphics, operating systems, real-time software and software engineering.

The Bachelor of Computer Science (Dean's Scholar) is accredited by the Australian Computer Society as meeting the requirements for membership at a "Professional Level".

Completion of a major is not compulsory but is highly encouraged. Majors include:

### Big Data

Big Data can solve problems in science, society and business including population growth, transport, security, medical technology, trade and commerce. All sectors will have a demand for creative people with a background in quantitative analysis who can look for strategic insights in massive data sets, using techniques in data mining, data visualisation, data analysis, data manipulation and data discovery.

### Cyber Security

Cyber security is about how we develop secure computers and computer networks, to ensure that the data stored and transmitted through them is protected from unauthorised access or to combat digital security threats and hazards. As we conduct more of our social, consumer and business activities online, there is a corresponding increase in the demand for ICT professionals to manage our digital environment and economy. Cyber security has been identified as one of the strategic priorities in Australia to meet the demands of law enforcement, national and state governments, defence, security and finance industries. Jobs of the future will be in all of these areas ensuring there is national capability to maintain and build our essential services and stop them from being disrupted, destroyed, or threatened, and that our personal information is not communicated, shared, visualised or analysed without our permission.

### Digital Systems Security

Information Security is becoming an increasingly important aspect of information technology. Industry has shown their interest in having secure

systems and employees with skills in information security.

## Game & Mobile Development

The Game and Mobile Development major has been designed to meet the current global demand for skilled graduates in the areas of game and multimedia system development. This major will equip you with skills to apply techniques to the development of video games and related systems on computers and mobile platforms, including devices such as mobile phones, tablets and wearable devices. You will be able to identify approaches to solving real-world problems in video games and multimedia systems. In addition, you will develop both traditional computer science skills as well as creative skills including visualisation, interaction and communication skills. Experts in this field work in the entertainment industry, the game and mobile industry in Australia and worldwide as mobile application developers, game programmers, animators, game engine developers, mobile entertainment and multimedia designers.

## Software Engineering

This major addresses the software engineering process using an Object Oriented approach. Students work in a group that mimics the working environment of the software development industry.

Further, Dean's Scholars degrees are highly recognisable, giving students the edge in competitive employment. The degree offers a challenging and enriched educational experience for high-achieving students who want to perform above the level normally expected. Students are also encouraged to continue their studies through the completion of Honours and research programs.

Students complete the normal course requirements for the degree, but receive special privileges as they study such as accelerated learning, where possible, and academic mentoring. Dean's Scholars are also encouraged to contribute to the scholarly life of the Faculty through events in the Faculty's postgraduate program.

Places are limited each year. Current students who have achieved a weighted average mark (WAM) of 80 at the end of one year of full-time study in a relevant degree may apply to transfer to the Dean's Scholar degree.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are

expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Demonstrate an understanding of core knowledge of computer fundamentals and the ability to apply theoretical basis of computer science to solve a range of practical problems.
2	Design and develop innovative software solutions for a variety of applications.
3	Design, develop, and employ novel approaches and algorithms in solving practical problems.
4	Deploy appropriate theory, practices, and tools for the specification, design, implementation, and maintenance as well as the evaluation of computer-based systems.
5	Function effectively as part of a team to accomplish a set of common goals and objectives and communicate with project stake holders.
6	Adopt a professional and ethical approach to decision making and related social responsibilities.
7	Plan and compose a research-based project or piece of scholarship that demonstrates understanding and critical analysis in computer science.

## Course Structure

Students who enrol in the Bachelor of Computer Science (Dean's Scholar) shall accrue an aggregate of at least 144 credit points by satisfactory completion of:

1. The following core subjects:

Subject Code	Subject Name	Credit Points	Session(s)
CSIT111	Programming Fundamentals	6	Autumn, Spring
CSIT113	Problem Solving	6	Autumn
CSIT114	System Analysis	6	Autumn, Spring
CSIT115	Data Management and Security	6	Autumn
CSIT21	Object Oriented Design	6	Autumn, Spring

	and Programming		
<a href="#">CSIT127</a>	Networks and Communications	6	Spring
<a href="#">CSIT128</a>	Introduction to Web Technology	6	Spring
<a href="#">CSIT214</a>	IT Project Management	6	Autumn, Spring
<a href="#">CSIT226</a>	Human Computer Interaction	6	Spring
<a href="#">CSCI251</a>	Advanced Programming	6	Autumn, Spring
<a href="#">MATH221</a>	Mathematics for Computer Science	6	Autumn
<a href="#">CSCI235</a>	Database Systems	6	Autumn, Spring
<a href="#">CSCI203</a>	Algorithms and Data Structures	6	Spring
<a href="#">CSIT314</a>	Software Development Methodologies	6	Autumn, Spring
<a href="#">CSIT321</a>	Project	12	Annual, Spring 2019/Autumn 2020
<a href="#">CSIT395</a>	Dean's Scholar Research Project	6	Autumn, Spring

2. To be awarded with a major, a candidate must satisfactorily complete four (4) subjects (24cp) listed for that major.

3. Students not completing a major must complete 12 credit points of CSCI or ISIT 300 level subjects, AND, an additional 12 credit points of either 200 or 300 level CSCI, CSIT or ISIT subjects not listed in the core.

4. To be awarded a double major, candidates must ensure that four of the subjects selected satisfy the requirements of each of the majors. General Course Rules allow a maximum of one subject to be counted toward more than one major study.

5. Elective subjects, to bring the total to 144 credit points, chosen from the School of Computing and Information Technology [Subject List](#) or from the

**General Schedule.** Note: No more than 60 credits points are to be completed at the 100-level.

The Faculty encourages the development of ICT skills and knowledge in the workplace through industry placement. Completion of [ISIT200](#) Industry Placement, which is a minimum of a single 8-week period of approved industry placement, assessed in the form of written reports is highly recommended to all students to complete this placement.

Continuation in the Dean's Scholars degrees will normally be dependent on the student achieving a WAM of at least 80 in each year of study. Students who do not meet the required average will be transferred to the equivalent non-Dean's Scholars degree – [Bachelor of Computer Science](#).

## Major Study

Students enrolled in this degree may major in:

- [Big Data](#)
- [Cyber Security](#)
- [Digital Systems Security](#)
- [Game and Mobile Development](#)
- [Software Engineering](#)

Note that certain 300 level subjects, required as part of a major, may have 100 and 200 level prerequisite subjects which are not listed as part of the major.

All candidates are expected to consult with the School and/or Faculty advisers before committing themselves to any particular pattern of study, whether outlined above or not.

## Professional Recognition/Accreditation

The Bachelor of Computer Science (Dean's Scholar) is accredited by the [Australian Computer Society](#) as meeting the requirements for membership at a "Professional Level".

## Other Information

For further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or [Academic Program Director](#)

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# 2019 Undergraduate Courses

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Computer Science (Honours) | 2019

Testamur Title of Degree:	Bachelor of Computer Science (Honours)
Abbreviation:	BCompSc(Hons)
UOW Course Code:	765
CRICOS Code:	012090E
Total Credit Points:	48
Duration:	1 year full-time or part-time equivalent
Home Faculty:	Faculty of Engineering & Information Sciences
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus:	Wollongong



## Overview

The Honours course is a follow-on degree from the Bachelor of Computer Science and provides an opportunity for candidates to develop, to a sophisticated level, established theoretical and practical skills gained during their undergraduate course.

In the Bachelor of Computer Science (Honours) course, students are given the opportunity to undertake research on a topic of their interest. In addition, a weekly seminar in Autumn and Spring Sessions provides training in advanced research skills specific to disciplines within computer science as well as providing the opportunity to exercise these skills in a peer-reviewed environment.

The objectives of the Bachelor of Computer Science (Honours) are to give students:

- a scholarly grounding in scientific research
- a high level of research competency
- a strong foundation in scientific work
- advanced research skills in computer science
- a preparation for future higher level research degrees.

Students considering an Honours degree are encouraged to talk to the Program Coordinator well in advance to seek approval for enrolment, discuss their program, and negotiate a thesis topic and supervisors.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Analyse and evaluate advanced knowledge of computer fundamentals and the ability to apply theoretical basis of computer science to solve a range of practical problems.
2	Interpret information and communicate knowledge, ideas and procedures to both computer science professionals and stakeholders.
3	Analyse critically, evaluate and transform information from research literature and other sources to complete a range of research activities.

4	Develop methodological skills in conducting scholarly research in computer science.
5	Independently plan and compose a substantial research-based project or piece of scholarship that demonstrates in-depth understanding and critical analysis in computer science.
6	Exhibit a capacity for independent learning to sustain personal and professional development in the changing world related to the field of computer science.

## Course Structure

The program of study for Bachelor of Computer Science (Honours) is 48 credit points.

Students must complete:

Subject Code	Subject Name	Credit Points	Session(s)
CSCI400	Computer Science Honours Project	18	Annual, Spring 2019/Autumn 2020
CSIT440	Research Methodology	6	Autumn, Spring
<b>24 credit points of 400-level subjects from the following list.</b>			
CSCI410	Software Requirements, Specifications and Formal Methods	6	Autumn
CSCI426	Software Testing and Analysis	6	Autumn
CSCI433	Machine Learning Algorithms and Applications	6	Autumn
CSCI468	Advanced Network Security	6	Autumn
INFO411	Data Mining and Knowledge Discovery	6	Autumn
CSCI424	Reasoning and Learning	6	Spring
CSCI427	Service-Oriented Software	6	Spring

	Engineering		
<a href="#">CSCI435</a>	Computer Vision Algorithms and Systems	6	Spring
<a href="#">CSCI444</a>	Perception and Planning	6	Spring
<a href="#">CSCI446</a>	Big Data Analytics	6	Spring
<a href="#">CSCI471</a>	Advanced Computer Security	6	Spring
<a href="#">CSCI466</a>	Coding for Secure Communication	6	Not available in 2019

With the permission of the Head of School, candidates may substitute up to 12 credit points of subjects with 300-level Computer Science subjects or 400-level subjects from another discipline.

## Honours Grades

The Honours grade for the degree of Bachelor of Computer Science (Honours) will be calculated in accordance with Method 1, as defined in the [General Course Rules](#).

## Other Information

For further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or [Academic Program Director](#)

Last reviewed: 23 October, 2018

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# 2019 Undergraduate Courses

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Computer Science - Bachelor of Laws | 2019

Testamur Title of Degree:	Bachelor of Computer Science - Bachelor of Laws
Abbreviation:	BCompSc-LLB
UOW Course Code:	377
CRICOS Code:	094220K
Total Credit Points:	264
Duration:	6 years full-time or *part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn / Spring**
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 751203 South West Sydney / 751222

\*Students interested in studying this degree part-time should consult with the Law Head of Students by contacting [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au).

\*\*Students commencing in Spring will undertake their first session in the Bachelor of Computer Science, before completing their first year of Law in their second year of enrolment.

## Overview

A Bachelor of Computer Science – Bachelor of Laws from UOW equips you with a comprehensive legal education: a world-class degree that provides a thorough grounding in the law, as well as a real-world focus on the essential practical skills and the social and ethical context in which the law operates.

Combining Law with Computer Science allows you to understand and shape how the law functions within a technical context. This double degree combines the practical, problem-solving skills of Computer Science and programming with the high-level analytical, research and communication skills of Law. This will enable you to acquire specialist knowledge and skills across the continually changing landscape of Information Communication & Technology (ICT).

We believe that practical experience is a vital part of your legal training. We are the only law school in New South Wales that requires you to complete a legal internship, providing highly valued industry experience. We are committed to social justice and providing a legal education that engages with the complexities of law's intersection with society.

Innovative technologies, such as cloud computing, big data, AI, machine learning, and block chain, are reshaping the world we live in. Huge amounts of data have been gathered as a direct result of the rapid advances made in technologies such as digital sensors, biomedical and healthcare devices, Internet of Things and data storage. Electronic data breaches and their legal consequences have become a significant problem in all industries.

This double degree delivers a practical and contextual legal education that prepares graduates not only for traditional careers in the legal profession but also for a wide range of careers in government, business and community organisations – as leaders, innovators and problem solvers.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees

complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

The outcomes, which are common and consolidated in this joint degree, ensure that on successful completion of the course students will be able to:

CLO	Description
1	Demonstrate sound disciplinary knowledge;
2	Apply ethical principles to a range of contexts;
3	Apply reasoning and critical analysis to complex issues;
4	Apply relevant knowledge and skills to produce disciplinary work;
5	Communicate effectively with a range of audiences.

Please refer to the [Course Handbook](#) page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

To qualify for award of the degree, the Bachelor of Computer Science - Bachelor of Laws, a candidate must successfully complete at least 264 credit points, comprised of:

1. All compulsory Law subjects for the Bachelor of Laws (Graduate Entry) (114 credit points) as set out below;
2. 30 credit points of electives from the [Bachelor of Laws \(Graduate Entry\)](#);
3. subjects to the value of at least 120 credit points from the [Bachelor of Computer Science](#) Course Schedule (CSCS), including:
  - a. 96 credit points of core subjects from the Computer Science Course Schedule;
  - b. an additional 24 credit points of 300-level subjects, of which 12 credit points must be CSCI subjects.

Subject Code	Subject Name	Credit Points
<b>Year 1</b>		
<a href="#">LLB1100</a>	Foundations of Law	6
<a href="#">LLB1115</a>	Legal Skills	6
<a href="#">LLB1120</a>	Law of Contract A	6
<a href="#">LLB1130</a>	Criminal Law and Procedure A	6

<a href="#">LLB1160</a>	Interpreting the Law	6
<a href="#">LLB1170</a>	Law of Contract B	6
<a href="#">LLB1180</a>	Criminal Law and Procedure B	6
<a href="#">LLB1197</a>	Legal Ethics & Professional Responsibility	6
<b>Year 2</b>		
<a href="#">LLB2220</a>	Property Law	6
<a href="#">LLB2230</a>	Administrative Law	6
<a href="#">LLB2270</a>	Equity and Trusts	6
<a href="#">LLB2280</a>	Constitutional Law	6
Subjects from the Computer Science Schedule		
<b>Year 3</b>		
<a href="#">LLB2225</a>	Advanced Legal Skills	6
<a href="#">LLB2240</a>	Law of Torts	6
<a href="#">LLB2290</a>	Jurisprudence	6
<a href="#">LLB3397</a>	Legal Internship	3
1 LLB Elective		
Subjects from the Computer Science Schedule		
<b>Year 4</b>		
<a href="#">LLB3300</a>	Remedies and Civil Procedure	6
<a href="#">LLB3301</a>	Evidence	6
<a href="#">LLB3302</a>	Law of Business Organisations	6
1 LLB Electives		
Subjects from the Computer Science Schedule		
<b>Year 5</b>		



3 LLB Electives		
<a href="#">LLB3399</a>	Law, Justice and Professional Practice	3
Subjects from the Computer Science Schedule		
<b>Year 6</b>		
Subjects from the Computer Science Schedule		

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Compulsory Work Placement / Online Components

This course contains a total of 140 hours over 4 weeks of compulsory work-based placements. This course may also contain compulsory components to be completed online.

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

Law students will complete a Legal Internship subject (LLB3397). This subject is the vehicle for a practical placement designed to expose students to the application of the law in practice; enable students to understand the importance of developing the skills of legal research; communication, drafting, practice management and problem solving; and enable students to observe and reflect upon the values, ethical standards and conduct of the legal profession in practice.

## Honours

### Law

High achieving students, enrolled in this double degree, who are interested in undertaking [Honours in Law](#), may consult with the [Honours Coordinator in Law](#) regarding the possibility of transferring into an Honours version of the degree.

A student who successfully transfers into an Honours program but does not meet the minimum performance standards required for the award of Honours will be permitted to transfer back to the double degree in which

they were enrolled immediately prior to the transfer into the Honours course, and will be awarded credit for the number of credit points passed in the Honours degree.

## Computer Science

Students seeking to pursue an Honours degree in Computer Science should refer to the information on the Bachelor of Computer Science (Honours) [Course Handbook Page](#).

## Law Professional Recognition/Accreditation

The UOW Bachelor of Laws (single LLB or in combination with another degree) is accredited by the Legal Profession Admission Board (LPAB) as satisfying the academic requirements necessary for admission to the Australian legal profession. On completion of the Bachelor of Laws, a student who wishes to practise as a barrister or solicitor must also undertake some form of professional practical training, the requirements for which vary between each state and territory of Australia.

In New South Wales, a student who intends to qualify for admission to practice is required to undertake a practical legal training (PLT) course accredited by the LPAB, followed by or incorporating a period of practical experience in a law-related setting. Practical experience gained by students in [LLB3397](#) Legal Internship may be counted towards this practical experience requirement. Graduates should check with their PLT provider. A list of LPAB accredited PLT courses can be found on the [LPAB website](#).

Students who intend to practise as solicitors after admission will be subject to a period of restricted practice and the mandatory continuing legal education requirements. Further information is available from the [Law Society of New South Wales](#). Students who intend to practise as barristers after admission will be required to read with a senior barrister for a period of time and to undertake the Bar Readers' Course and Bar Examination before being qualified to take briefs on their own account. Further information is available from the [New South Wales Bar Association](#).

## Other Information

The University of Wollongong attempts to ensure the information contained in the Course Handbook is correct at the time of publication. However, courses may be amended without notice by the University in response to changing circumstances or for any other reason. Check with the University for updated information.

Further information is available via email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au) or [eis@uow.edu.au](mailto:eis@uow.edu.au)

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## Bachelor of Computer Science - Bachelor of Science | 2019

Testamur Title of Degree:	Bachelor of Computer Science - Bachelor of Science
Abbreviation:	BCompSc-BSc
UOW Course Code:	768
CRICOS Code:	017737G
Total Credit Points:	216*
Duration:	4-4.5 years full-time or part-time equivalent
Home Faculty:	Faculty of Engineering and Information Sciences
Intake Session(s):	Autumn
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 751402

\*This value may be higher depending on the combination of majors chosen.

## Overview

Double degrees aim to broaden a student's knowledge and skill base and improve career options in competitive, increasingly interactive fields. The programs are designed to enhance a student's educational, academic and professional qualifications whilst minimising the costs of their studies.

Study science subjects in addition to a major in Computer Science in order to increase employment opportunities in areas such as scientific programming or scientific management.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#). Students must seek advice and approval from both Faculties prior to enrolment.

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level. The outcomes which are common and consolidated in this joint degree ensure that on successful completion of the course students will be able to:

CLO	Description
1	Demonstrate sound disciplinary knowledge.
2	Exercise critical thinking and employ novel approaches to problem solving.
3	Demonstrate and deploy knowledge, skills, theory and practice in to produce disciplinary work.
4	Communicate effectively to a range of audiences through a range of mediums.

Please refer to the separate entries for the [Bachelor of Computer Science](#) and the [Bachelor of Science](#) for a comprehensive list of degree course learning outcomes.

## Course Structure

To qualify for the double degree of the Bachelor of Computer Science - Bachelor of Science, students must complete the subjects and credit points as prescribed in the following program and, in so doing, satisfy the requirements for the Bachelor of Computer Science and the Bachelor of Science, respectively. Students must complete a minimum of 216 credit points, comprised of the following:

- a. Computer Science component to the value of at least 120 credit points, consisting of 96 credit points of core subjects and an additional 24 credit points of 300 level computer science subjects, which could form a major;
- b. Science component consisting of at least 90 credit points, including the completion of at least one major from the Bachelor of Science; and
- c. Electives to bring the total credit points to 216.
- d. No more than 90 credit points in 100 level subjects.

Candidates must maintain a weighted average mark (WAM) of at least 65 at the end of each year, otherwise they must show cause as to why they should be permitted to remain registered for the two courses.

Candidates who, at the end of any year of registration, have satisfied the minimum rate of progress requirements as specified in the General Course Rules, but who do not have a WAM of at least 65 and who have not given adequate reason as to why they should be permitted to continue with registration for the joint course, will be required to transfer into either a Bachelor of Computer Science or a Bachelor of Science.

Please refer to the separate entries for the [Bachelor of Computer Science](#) and the [Bachelor of Science](#).

## Honours

Candidates may apply within normal procedures to register for either the [Bachelor of Computer Science \(Honours\)](#) or the [Bachelor of Science \(Honours\)](#), or sequentially for both degrees, after the satisfactory completion of the joint program.

## Professional Recognition/Accreditation

The Bachelor of Computer Science is accredited by the [Australian Computer Society](#) as meeting requirements for membership at a “Professional level”.

Physics major: membership of the [Australian Institute of Physics](#).

Chemistry major: membership of the [Royal Australian Chemical Institute](#).

## Other Information

For further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or [Academic Program Director](#)

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## Bachelor of Computer Science Global (Honours)

Testamur Title of Degree:	Bachelor of Computer Science Global (Honours)
Abbreviation:	BCompScGlobal(Hons)
UOW Course Code:	385
CRICOS Code:	N/A
Total Credit Points:	192
Duration:	4 years full-time or part-time equivalent
Home Faculty:	Faculty of Engineering & Information Sciences
Intake Session(s):	Autumn
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 754130



## Overview

The Bachelor of Computer Science Global (Honours) focuses on the development of high-level computing and programming skills that can be applied across a wide range of applications, including analysis of stock market trends, game development, neural network design, automatic teller machines and patient monitoring in hospitals.

Places are limited each year. Bachelor of Computer Science or Bachelor of Computer Science (Dean's Scholar) students who have achieved a weighted average mark (WAM) of 80 at the end of one year of full-time study may apply to transfer to the Bachelor of Computer Science Global (Honours) degree.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Demonstrate advanced knowledge of computer science fundamentals and discuss how these can be applied to analyse and solve a range of practice problems.
2	Interpret knowledge, ideas and procedures and use a variety of media to communicate these effectively to both computer science professionals and other stakeholders.
3	Design, develop, and employ novel approaches and algorithms in solving practical problems and innovative software solutions for a variety of applications.
4	Deploy appropriate theory, practices, and tools for the specification, design, implementation, and maintenance as well as the evaluation of computer-based systems.
5	Adopt a professional and ethical approach to decision making and related social responsibilities.
6	Independently plan and compose a substantial research-based project or piece of scholarship that demonstrates in-depth understanding and

	critical analysis in computer science.
7	Function effectively as part of a team to accomplish a set of common goals and objectives and communicate with project stake holders in a variety of international settings and contexts.

## Course Structure

Students who enrol in the Bachelor of Computer Science Global (Honours) shall accrue an aggregate of at least 192 credit points by satisfactory completion of:

1. The following core subjects

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">CSIT111</a>	Programming Fundamentals	6	Autumn, Spring
<a href="#">CSIT113</a>	Problem Solving	6	Autumn
<a href="#">CSIT114</a>	System Analysis	6	Autumn
<a href="#">CSIT115</a>	Data Management and Security	6	Autumn, Spring
<a href="#">CSIT121</a>	Object Oriented Design and Programming	6	Autumn, Spring
<a href="#">CSIT127</a>	Networks and Communications	6	Spring
<a href="#">CSIT128</a>	Introduction to Web Technology	6	Spring
<a href="#">CSCI235</a>	Database Systems	6	Autumn, Spring
<a href="#">CSIT180</a>	Introductory Global Internship	0	Summer
<a href="#">MATH221</a>	Mathematics for Computer Science	6	Autumn
<a href="#">CSIT226</a>	Human Computer Interaction	6	Spring
<a href="#">CSIT214</a>	IT Project Management	6	Autumn, Spring

<a href="#">CSCI251</a>	Advanced Programming	6	Autumn, Spring
<a href="#">CSCI203</a>	Algorithms and Data Structures	6	Spring
<a href="#">CSIT280</a>	Global Internship	6	Summer
<a href="#">CSIT314</a>	Software Development Methodologies	6	Autumn
<a href="#">CSIT321</a>	Project	12	Annual, Spring 2019/Autumn 2020
<a href="#">CSIT380</a>	Advanced Global Internship	6	Summer
<a href="#">CSCI400</a>	Computer Science Honours Project	18	Annual, Spring 2019/Autumn 2020
<a href="#">CSIT440</a>	Research Methodology	6	Autumn, Spring
Two 400-level CSCI subjects		12	
Two 400 level CSCI subjects or 300 level subjects		12	

- To be awarded with a major, a candidate must satisfactorily complete four (4) subjects (24cp) listed for that major. In addition, [CSCI400](#) Honours Project 18 credit points must be completed on a topic related to the major that the student will complete as part of this degree.
- Students not completing a major must complete 12 credit points of 300 level CSCI or ISIT subjects, AND an additional 12 credit points of either 200 or 300 level CSCI, CSIT or ISIT subject not listed in the core.
- To be awarded a double major, candidates must ensure that four of the subjects selected satisfy the requirements of each of the majors. General Course Rules allow a maximum of one subject to be counted toward more than one major study.

Continuation in the Bachelor of Computer Science Global (Honours) will be dependent on the student achieving a WAM of at least 80 in each year of study. Students who do not meet the required average will be transferred to the Bachelor of Computer Science.

## Major Study

Students enrolled in this degree may major in:

- [Big Data](#)
-

### Cyber Security

- Digital Systems Security
- Game and Mobile Development
- Software Engineering.

## Big Data

Subjects required for major study

Subject Code	Subject Name	Credit Points	Session(s)
CSCI316	Big Data Mining Techniques and Implementation	6	Spring
INFO411	Data Mining and Knowledge Discovery	6	Autumn
CSCI317	Database Performance Tuning	6	Autumn
ISIT312	Big Data Management	6	Spring

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## Cyber Security

Subjects required for major study

Subject Code	Subject Name	Credit Points	Session(s)
CSCI262	System Security	6	Spring
CSCI301	Contemporary Topics in Security	6	Autumn
CSIT302	Cybersecurity	6	Spring
CSCI369	Ethical Hacking	6	Spring

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## Digital Systems Security

Subjects required for major study

Subject	Subject Name	Credit	Session(s)
---------	--------------	--------	------------

Code		Points	
<a href="#">CSCI262</a>	System Security	6	Spring
<a href="#">CSCI361</a>	Cryptography and Secure Applications	6	Autumn
<a href="#">CSCI368</a>	Network Security	6	Spring
<a href="#">CSCI376</a>	Multicore and GPU Programming	6	Spring

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## Game and Mobile Development

Subjects required for major study

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">CSCI236</a>	3D Modelling and Animation	6	Spring 2019/Summer 2019
<b>Complete 3 subjects from the list below (18cp)</b>			
<a href="#">CSCI336</a>	Interactive Computer Graphics	6	Autumn
<a href="#">CSCI366</a>	Mobile Multimedia	6	Autumn
<a href="#">CSCI376</a>	Multicore and GPU Programming	6	Spring
<a href="#">CSCI356</a>	Game Engine Essentials	6	Spring

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## Software Engineering

Subjects required for major study

Subject Code	Subject Name	Credit Points	Session(s)
--------------	--------------	---------------	------------

<a href="#">ISIT219</a>	Knowledge and Information Engineering	6	Autumn
<a href="#">CSCI318</a>	Software Engineering Practices & Principles	6	Spring
<a href="#">CSCI334</a>	Software Design	6	Autumn
<a href="#">ISIT315</a>	Web Modelling	6	Spring

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Note that certain 300 level subjects required as part of a major may have 100 and 200 level prerequisite subjects which are not listed as part of the major. All candidates are expected to consult with the School and Faculty advisers before committing to any particular pattern of study, whether outlined above or not.

## Professional Recognition/Accreditation

The Bachelor of Computer Science accredited by the [Australian Computer Society](#) as meeting the requirements for membership at a “Professional Level”.

## Other Information

For further information please email: [eis@uow.edu.au](mailto:eis@uow.edu.au)

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# 2019 Undergraduate Courses

Home

Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Conservation Biology (Honours) | 2019

Testamur Title of Degree:	Bachelor of Conservation Biology (Honours)
Abbreviation:	BConsBio(Hons)
UOW Course Code:	1778
CRICOS Code:	084861D
Total Credit Points:	192
Duration:	4 years full-time or part-time equivalent
Home Faculty:	Faculty of Science, Medicine and Health
Intake Session(s):	Autumn
Delivery Mode:	On campus (Face-to-face)
Delivery Campus/UAC Code:	Wollongong / 757627



## Overview

Conservation Biology at UOW is a practical degree aimed at producing graduates who have the knowledge and skills to understand and develop strategies to minimise the impact of humans on their environment and are capable of undertaking postgraduate research to become accomplished conservation biologists.

Studies in biology combined with subjects in chemistry and earth and environmental sciences in first year lead to second-year studies that provide students with an understanding of how organisms function, plant and animal ecology, and landscape science.

Third-year subjects focus on research training and experience in conservation biology and ecology providing students with significant breadth in their research experience in preparation for the Honours year.

A significant component involves experience in how research skills are incorporated into policy and management of biodiversity through contact with practising conservation biologists in both government and non-government agencies. Training in research methodology is carried out with conservation biology researchers from the School of Biological Sciences at UOW.

In addition, graduates develop additional skills in conservation management to improve their capacity to contribute to conservation.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Exercise critical thinking and judgement in applying conservation concepts and knowledge of biological systems to inform the implementation and development of policies and directions for conservation.
2	Apply detailed knowledge of the biology of organisms to develop and

	implement appropriate management strategies and research investigations.
3	Demonstrate a high level of skill in analysing, interpreting and synthesising data and other information.
4	Use a range of technical skills to solve problems in conservation biology
5	Demonstrate sound research skills in investigating problems in conservation biology.
6	Exercise critical thinking and judgement in developing and applying new understanding.
7	Communicate knowledge and ideas clearly and coherently to a variety of audiences.
8	Demonstrate initiative and judgement to adapt conservation biology knowledge and skills that can be applied to professional practice and research.
9	Independently plan and execute a project/piece of research to an area of conservation biology.

## Course Structure

To qualify for award of the degree, the Bachelor of Conservation Biology (Honours), candidates must satisfactorily complete 192 credit points, as set out in the table below.

Note:

- Students who have not completed HSC Mathematics at Band 4 or higher (or equivalent) are required to complete a mathematics subject (MATH151 or equivalent) normally in the first year.
- Students may only count 60 credit points of 100-level subjects towards the degree.
- Students must have a grade of Pass (not Pass Supplementary) or higher in 300-level core subjects.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn</b>			
BIOL104	Evolution, Biodiversity and Environment	6	Autumn
BIOL105	Functional Biology of Animals and Plants	6	Autumn

<a href="#">EESC105</a>	Introductory Geospatial Analysis	6	Autumn, Spring
Plus ONE of the following two subjects:			
Note: Students who have achieved a mark of 65% or more in NSW HSC Chemistry or equivalent must select <a href="#">CHEM101</a> and CHEM102. All other students must select <a href="#">CHEM104</a> and CHEM105.			
<a href="#">CHEM101</a>	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
<a href="#">CHEM104</a>	Foundation Chemistry: Properties of Matter	6	Autumn
<b>Spring</b>			
<a href="#">BIOL103</a>	Molecules, Cells and Organisms	6	Spring
<a href="#">SCIE103</a>	Climate Change	6	Spring
<a href="#">STAT252</a>	Statistics For the Natural Sciences	6	Spring
Plus one of the following two subjects:			
<a href="#">CHEM102</a>	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
<a href="#">CHEM105</a>	Foundation Chemistry: Reactions and Structures	6	Spring
<b>Year 2</b>			
<b>Autumn</b>			
<a href="#">BIOL240</a>	Biodiversity of Marine and Freshwater Organisms	6	Autumn
<a href="#">BIOL251</a>	Principles of Ecology	6	Autumn
<a href="#">MATH151</a>	General Mathematics 1A*	6	Autumn
*MATH151 must be completed by any student who has not completed NSW HSC Mathematics or equivalent at Band 4 or			

higher.			
<b>Spring</b>			
<a href="#">BIOL241</a>	Biodiversity of Terrestrial Organisms	6	Spring
<a href="#">BIOL252</a>	Evolution and Behaviour	6	Spring
<a href="#">EESC207</a>	Advanced Geospatial Analysis	6	Spring
Plus subjects from the following list to give a total of 48 credit points for Year 2			
<a href="#">EESC203</a>	Biogeography and Environmental Change	6	Autumn
<a href="#">MARE200</a>	Introduction to Oceanography	6	Autumn
<a href="#">EESC202</a>	Shaping Earth's Surface	6	Spring
<a href="#">PHIL256</a>	Environmental Philosophy: Animals, Nature and Ethics	6	Spring
<a href="#">BIOL232</a>	Biology Research Internship	6	Autumn, Spring, Summer
Students wishing to specialise in Conservation Genetics should select subjects from the following list;			
<a href="#">BIOL213</a>	Principles of Biochemistry	6	Autumn
<a href="#">BIOL215</a>	Introductory Genetics	6	Spring
<b>Year 3</b>			
<a href="#">BIOL362</a>	Ecophysiology	6	Autumn
<a href="#">BIOL361</a>	Conservation Biology	6	Autumn
<a href="#">BIOL360</a>	Applications in Conservation Biology	6	Autumn, Spring, Summer

BIOL365	Marine and Terrestrial Ecology	6	Spring
Plus 24 cp from the following list:			
BIOL364	Advanced Biology	6	Autumn, Spring, Summer
EESC332	Sedimentology, Stratigraphy and Palaeoenvironments	6	Autumn
STAT335	Sample Surveys and Experimental Design	6	Autumn
BIOL363	Professional Skills in Ecology	6	Spring
MARE360	Fisheries and Aquaculture	6	Spring
EESC331	Changing Global Environments	6	Spring
LAW 381	Law for Environmental Managers	6	Spring
Or other subjects approved by the degree coordinator.			
<b>Year 4</b>			
Select either the full-time (48cp) or 48cp of the equivalent part-time subject (2 x 24cp) option below.			
BIOL410	Conservation Biology Project	48	SMAH Annual, SMAH Annual 2019/2020
BIOL416	Conservation Biology Project (Part-Time)	24	SMAH Annual, SMAH Annual 2019/2020

## Progression Requirements

Satisfactory performance must be achieved (normally a Weighted Average Mark (WAM) of 75% or greater in 300-level subjects) for entry into the fourth

year of the Bachelor of Conservation Biology (Honours) degree. Students with an average below 75% in 300-level subjects may only progress into the fourth year of the Bachelor of Conservation Biology (Honours) with the approval of the Conservation Biology Coordinator. Students who do not gain entry into the fourth year of the Bachelor of Conservation Biology (Honours) degree will normally be required to transfer into the Bachelor of Science (Conservation Biology) degree.

The Honours grade for the degree of Bachelor of Conservation Biology (Honours) will be calculated in accordance with Method 1 defined in the [General Course Rules Section 8](#).

## Other Information

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

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# 2019 Undergraduate Courses

Home

Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Conservation Biology (Honours) (Dean's Scholar) | 2019

Testamur Title of Degree:	Bachelor of Conservation Biology (Honours) (Dean's Scholar)
Abbreviation:	BConsBio(Hons)(Dean'sSchol)
UOW Course Code:	1779
CRICOS Code:	084842G
Total Credit Points:	192
Duration:	4 years full-time or part-time equivalent
Home Faculty:	Faculty of Science, Medicine and Health
Intake Session(s):	Autumn
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 757628

## Overview

Conservation Biology at UOW is a practical degree aimed at producing graduates who have the knowledge and skills to understand and develop strategies to minimise the impact of humans on their environment and are capable of undertaking postgraduate research to become accomplished conservation biologists.

Studies in biology combined with subjects in chemistry and earth and environmental sciences in first year lead to second-year studies that provide students with an understanding of how organisms function, plant and animal ecology, and landscape science.

Third-year subjects focus on research training and experience in conservation biology and ecology providing students with significant breadth in their research experience in preparation for the Honours year.

A significant component involves experience in how research skills are incorporated into policy and management of biodiversity through contact with practising conservation biologists in both government and non-government agencies. Training in research methodology is carried out with conservation biology researchers from the School of Biological Sciences at UOW.

In addition, graduates develop additional skills in conservation management to improve their capacity to contribute to conservation.

Students who are eligible for this degree fulfil all of the same requirements as [Bachelor of Conservation Biology \(Honours\)](#) candidates but are also eligible for additional benefits and challenges. Students in this program have the opportunity to undertake individual research subjects and apply for paid research assistantships.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
-----	-------------



1	Exercise critical thinking and judgement in applying conservation concepts and knowledge of biological systems to inform the implementation and development of policies and directions for conservation.
2	Apply detailed knowledge of the biology of organisms to develop and implement appropriate management strategies and research investigations.
3	Demonstrate a high level of skill in analysing, interpreting and synthesising data and other information.
4	Demonstrate broad and comprehensive research skills in investigating problems in conservation biology.
5	Generate evidence-based logical solutions to conservation biology problems.
6	Use a significant range of technical skills to solve problems in conservation biology.
7	Exercise critical thinking and judgement in developing and applying new understanding.
8	Communicate knowledge and ideas clearly and coherently to a variety of audiences.
9	Demonstrate initiative and judgement to adapt conservation biology knowledge and skills that can be applied to professional practice and research.
10	Independently plan, execute and present the findings of a project/piece of research to an area of conservation biology.

## Course Structure

To qualify for award of the degree, the Bachelor of Conservation Biology (Honours) (Dean's Scholar), candidates must satisfactorily complete 192 credit points as set out in the table below.

Note:

- Students who have not completed HSC Mathematics at Band 4 or higher (or equivalent) are required to complete a mathematics subject (MATH151 or equivalent) normally in the first year.
- Students may only count 60 credit points of 100-level subjects towards the degree.
- Students must have a grade of Pass (not Pass Supplementary) or higher in 300-level core subjects.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			

<b>Autumn</b>			
<a href="#">BIOL104</a>	Evolution, Biodiversity and Environment	6	Autumn
<a href="#">BIOL105</a>	Functional Biology of Animals and Plants	6	Autumn
<a href="#">EESC105</a>	Introductory Geospatial Analysis	6	Autumn, Spring
Please select ONE of the following two subjects:			
Note: Students who have achieved a mark of 65% or more in NSW HSC Chemistry or equivalent must select CHEM101 and CHEM102. All other students must select CHEM104 and CHEM105.			
<a href="#">CHEM101</a>	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
<a href="#">CHEM104</a>	Foundation Chemistry: Properties of Matter	6	Autumn
<b>Spring</b>			
<a href="#">BIOL103</a>	Molecules, Cells and Organisms	6	Spring
<a href="#">SCIE103</a>	Climate Change	6	Spring
<a href="#">STAT252</a>	Statistics For the Natural Sciences	6	Spring
Please select ONE of the following two subjects:			
<a href="#">CHEM102</a>	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
<a href="#">CHEM105</a>	Foundation Chemistry: Reactions and Structures	6	Spring
<b>Year 2</b>			
<b>Autumn</b>			

<a href="#">BIOL240</a>	Biodiversity of Marine and Freshwater Organisms	6	Autumn
<a href="#">BIOL251</a>	Principles of Ecology	6	Autumn
<a href="#">MATH151</a>	General Mathematics 1A*	6	Autumn
*MATH151 must be completed by any student who has not completed NSW HSC Mathematics or equivalent at Band 4 or higher.			
<b>Spring</b>			
<a href="#">BIOL241</a>	Biodiversity of Terrestrial Organisms	6	Spring
<a href="#">BIOL252</a>	Evolution and Behaviour	6	Spring
<a href="#">EESC207</a>	Advanced Geospatial Analysis	6	Spring
Plus subjects from the following list to give a total of 48 credit points for Year 2:			
<a href="#">BIOL292</a>	Special Biology Studies	6	Autumn, Spring
<a href="#">EESC203</a>	Biogeography and Environmental Change	6	Autumn
<a href="#">MARE200</a>	Introduction to Oceanography	6	Autumn
<a href="#">EESC202</a>	Shaping Earth's Surface	6	Spring
<a href="#">PHIL256</a>	Environmental Philosophy: Animals, Nature and Ethics	6	Spring
<a href="#">BIOL232</a>	Biology Research Internship	6	Autumn, Spring, Summer
Students wishing to specialise in Conservation Genetics, should select subjects from the following list:			
<a href="#">BIOL213</a>	Principles of Biochemistry	6	Autumn
<a href="#">BIOL215</a>	Introductory Genetics	6	Spring

<b>Year 3</b>			
BIOL360	Applications in Conservation Biology	6	Autumn, Spring, Summer
BIOL362	Ecophysiology	6	Autumn
BIOL361	Conservation Biology	6	Autumn
BIOL365	Marine and Terrestrial Ecology	6	Spring
Plus 24 credit points of subjects from the following list:			
BIOL364	Advanced Biology	6	Autumn, Spring, Summer
EESC332	Sedimentology, Stratigraphy and Palaeoenvironments	6	Autumn
STAT335	Sample Surveys and Experimental Design	6	Autumn
BIOL363	Professional Skills in Ecology	6	Spring
MARE360	Fisheries and Aquaculture	6	Spring
EESC331	Changing Global Environments	6	Spring
LAW 381	Law for Environmental Managers	6	Spring
Students wishing to specialise in Conservation Genetics, should select subjects from the following list:			
BIOL343	Techniques in Biotechnology and Medical Research	6	Autumn
CHEM325	Bioinformatics: Genome, Genes and Biomolecules	6	Spring

Or other subjects as approved by the Coordinator.

#### Year 4

Select either the full-time (48cp) or 48cp of the equivalent part-time subject (2 x 24cp) option below.

<a href="#">BIOL410</a>	Conservation Biology Project	48	SMAH Annual, SMAH Annual 2019/2020
<a href="#">BIOL416</a>	Conservation Biology Project (Part-Time)	24	SMAH Annual, SMAH Annual 2019/2020

## Progression Requirements

To maintain a place in the Dean's Scholar program, students are normally required to achieve a Weighted Average Mark (WAM) of at least 75% in the 200 and 300 level subjects completed. The performance of each student will be reviewed initially by the Faculty after the completion of 72 credit points. Students not meeting the minimum progression requirements will be required to transfer into the Bachelor of Conservation Biology (Honours) or Bachelor of Science degree.

## Honours

The Honours grade for the degree of Bachelor of Conservation Biology (Honours) (Dean's Scholar) will be calculated in accordance with Method 1 defined in the [General Course Rules Section 8](#).

## Other Information

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Creative Arts | 2019

Testamur Title of Degree:	Bachelor of Creative Arts
Abbreviation:	BCA
UOW Course Code:	840
CRICOS Code:	001709K
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / Specified for each major

## Overview

A Bachelor of Creative Arts at UOW encourages you to immerse yourself creatively, critically and practically. The Creative Industries are one of the fastest growing, most dynamic sectors in the world.

This course involves the study of theory and practice-based work in a major study area: Creative Writing, Graphic Design, Music, Theatre, Visual Arts or Visual Arts and Design. The main focus of the degree is artistic practice informed by history and theory subjects. Opportunities also exist for artistic collaboration, exchange and study abroad.

A Bachelor of Creative Arts degree can lead to career opportunities as an artist, graphic designer, writer, musician, performer, composer, theatre technician, director, publisher, curator, arts administrator or manager, teacher (on subsequent completion of a Master of Teaching) or to opportunities to work in the radio, television and multimedia industries.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Demonstrate a sound knowledge of contemporary arts, arts theory and history within Australia and in an international context.
2	Develop, research and evaluate ideas, concepts and processes through creative, critical and reflective thinking and practice.
3	Apply relevant skills and knowledge to produce and realise works, artefacts and forms of creative expression.
4	Interpret communicate and present ideas, problems and arguments in modes suited to a range of audiences.
5	Work independently and collaboratively in the Creative Arts in response to project demands.
6	Recognise and reflect on social, cultural and ethical issues, and apply local and international perspectives to practice in the Creative Arts.

## Course Structure



To qualify for award of the degree, the Bachelor of Creative Arts, a candidate must successfully complete at least 144 credit points comprised of:

1. Core subjects for the Bachelor of creative arts, outlined in the below schedule (24 credit points);
2. At least one of the five majors in this degree:
  - a. Creative Writing (72 credit points)
  - b. Music (72 credit points)
  - c. Theatre (72 credit points)
  - d. Visual Arts (72 credit points)
  - e. Visual Arts and Design (96 credit points)
3. Electives to bring the total number of credit points completed to 144.

Note: no more than 60cp at 100 level can be counted towards the Bachelor of Creative Arts degree. Students must achieve a clear pass in the core 300-level subjects.

Subject Code	Subject Name	Credit Points
<b>Year 1</b>		
CACSI01	Contemporary Creative Practice	6
CACSI02	Critical Frameworks in Creative Practice	6
<b>Year 3</b>		
<b>A minimum of TWO from the following:</b>		
CACCS301	Professional Practice	6
CACCS331	Contemporary Theory and Research Practice	6
CAGD331	New Media and Visual Communication Theory	6
CAGD332	Advanced Graphic Design and Visual Communication Theory	6
CAMS331	Music and Culture	6
CAPF331	Theory and Practice of Theatre in the 20th and 21st Century	6
CAPF333	Political Dramaturgy	6

<a href="#">CAVA331</a>	Contemporary Artworlds	6
<a href="#">CAVA332</a>	Art, Nature and the Environment	6
<a href="#">CAVA361</a>	Curatorial Practices	6

Click on subject codes in the above table for information on sessions of offer for each subject. To find out specific information on timetables, tutorials and classes, visit the [Timetable page](#).

## Majors

Students studying the Bachelor of Creative Arts will complete one of the following majors:

- [Creative Writing](#) (72 credit points)
- [Music](#) (72 credit points)
- [Theatre](#) (72 credit points)
- [Visual Arts](#) (72 credit points)
- [Visual Arts and Design](#) (96 credit points)

Students interested in Graphic Design are strongly recommended to enrol in [VAD 190](#) and [VAD 192](#) as electives, or to complete the [Graphic Design Minor](#).

## Minors

As part of their elective subjects, students are encouraged to undertake a 24 credit point area of Minor Study, to add a multi-disciplinary aspect to their degree.

Creative Arts offers minor studies in the following areas:

- Art History
- Creative Production
- Creative Writing
- Graphic Design
- Media Arts
- Music
- Photography
- Technical Theatre
- Theatre
- Visual Arts

Students may not undertake a Major and Minor Study in the same discipline (for example, students cannot take both a major and a minor in Creative Writing).

Information regarding minors is available on the [2019 LHA General Schedule of Minors](#) page.

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

Bachelor of Creative Arts students may apply via their Course Coordinator to enrol into the Creative Arts Internship subject, [CAC302](#). The Faculty offers a limited number of industry placements each year. These offer students hands-on experience in cultural organisations that have agreed to partner with the Faculty on this initiative. Typically students will spend a minimum of 60 hours in an organisation, working on an agreed project from their major study area, with exposure to a fully operational professional environment. These hours can be undertaken on a daily basis or as a single block as negotiated with the host organisation. Students are selected for this opportunity on the basis of both strong academic achievement and through application and interview.

In their third year, students will undertake a major project in their chosen discipline continuing to build student experience, expertise and maturity, working with a range of methodologies and processes in a context that simulates professional working conditions.

Third year students may choose to take an additional history/theory subject, particularly if they are interested in Honours or teaching, however, they also have the option of enrolling in [CAC301](#), the Professional Practice subject. In this subject, students will map professional and career pathways in the context of both individual artistic practice and the creative and cultural industries. It will develop an understanding of arts infrastructure, including government agencies, the commercial and the not-for-profit sector. Fundamental professional avenues of support such as legal advisory services and funding structures will be introduced as well as individual portfolios and curriculum vitae, project and funding submission development and making presentations. Students will undertake an individual research assignment into an aspect of the arts that fits with their career ambitions. The subject will be delivered in partnership with key arts and cultural organisations.

## Honours

Honours is a fourth year of study that provides training in independent research. Students who complete the single degree with the required academic standard are encouraged to proceed to the [Bachelor of Creative Arts \(Honours\)](#). Please refer to the Honours handbook page for further information about the degree and entry requirements.

## Other Information

Creative Arts may apply quotas to subjects to ensure optimal class sizes.

Further information is available via email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 2 October, 2018

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# 2019 Undergraduate Courses

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Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Creative Arts (Dean's Scholar) | 2019

Testamur Title of Degree:	Bachelor of Creative Arts (Dean's Scholar)
Abbreviation:	BCA(Dean'sSchol)
UOW Course Code:	840_2
CRICOS Code:	081897E
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 754610

## Overview

If you are a high-achieving and motivated student, the Dean's Scholar program will give you an enriched educational experience. The program includes a member of academic staff to advise you on matters concerned with your degree, as well as an annual book allowance, and designated study space. You will produce a major self-directed research project as a capstone to your degree in the final year of study.

This degree prepares you to become part of the creative industries, one of the fastest growing sectors in the world. In Australia, over 600,000 people create a living from working in film, television and radio as well as pod and webcasting; writing and editing; recording and performing; advertising and marketing; visual arts, design and architecture; as well as in museums, galleries, theatres and arts organisations. A degree in Creative Arts equips you with a sound knowledge of contemporary arts, arts theory and history within Australia and the broader, international context, encouraging you to reflect on social, cultural and ethical issues.

## Dean's Scholar Degrees

Dean's Scholars have the opportunity to attempt subjects not normally available to first-year students. They may be granted exemption from certain first-year subjects and may be permitted extended subject loads, enabling them to complete the degree in less than the normal time and enter Honours in their third year.

Dean's Scholar students benefit from:

- Access to shared study and workspace;
- Yearly text book/resource allowance for full time students;
- Limited printing privileges;
- Specialised subject [LHA 102](#) Dean's Scholars Seminar;
- Opportunities to attend academic and higher degree research workshops and seminars.
- On successful completion of this degree, students will be guaranteed admission to Honours.

Dean's Scholars are able to use the University's student exchange program to undertake a period of study overseas. Several Dean's Scholars have competed successfully for places in the Australian National Internship Program or the University Capitol Washington Internship Program, which places students in political offices in Canberra or Washington D.C. respectively.

To remain in the program, students must maintain an average of 75% in each year of study. If the student's average falls below 75%, the student will be transferred into the Bachelor of Creative Arts degree.

# Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Demonstrate a sound knowledge of contemporary arts, arts theory and history within Australia and in an international context.
2	Develop, research and evaluate ideas, concepts and processes through creative, critical and reflective thinking and practice.
3	Apply relevant skills and knowledge to produce and realise works, artefacts and forms of creative expression.
4	Interpret communicate and present ideas, problems and arguments in modes suited to a range of audiences.
5	Work independently and collaboratively in the Creative Arts in response to project demands.
6	Recognise and reflect on social, cultural and ethical issues, and apply local and international perspectives to practice in the Creative Arts.

## Course Structure

To qualify for the award of the degree, the Bachelor of Creative Arts (Dean's Scholar), a candidate must successfully complete a minimum of 144 credit points comprised of:

1. The core subjects for the the Bachelor of Creative Arts (Dean's Scholar), outlined in the below table (24 credit points);
2. One subject from the elective list outlined in the below table (6 credit points);
3. At least one of the majors in the [Bachelor of Creative Arts](#) (minimum 72, maximum 96 credit points);
4. Electives to bring the total number of credit points completed to 144.

Notes:

- No more than 60 credit points at 100 level.
- Students must achieve a clear pass in the core 300-level subjects.
- Students must maintain an average mark of 75% or better.

Subject Code	Subject Name	Credit Points
<b>Core:</b>		
<a href="#">CACSI01</a>	Contemporary Creative Practice	6
<a href="#">CACSI02</a>	Critical Frameworks in Creative Practice	6
<a href="#">LHA 102</a>	Dean's Scholars Seminar	6
<a href="#">CACSI332</a>	Dean's Scholars Contemporary Theory and Research Practice	6
<b>Plus ONE from the following:</b>		
<a href="#">CACSI301</a>	Professional Practice	6
<a href="#">CAGD331</a>	New Media and Visual Communication Theory	6
<a href="#">CAGD332</a>	Advanced Graphic Design and Visual Communication Theory	6
<a href="#">CAMS331</a>	Music and Culture	6
<a href="#">CAPF331</a>	Theory and Practice of Theatre in the 20th and 21st Century	6
<a href="#">CAPF333</a>	Theatre, Politics and Spectatorship	6
<a href="#">CAVA331</a>	Contemporary Artworlds	6
<a href="#">CAVA332</a>	Art, Nature and the Environment	6
<a href="#">CAVA361</a>	Curatorial Practices	6

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Majors and Minors

For a list of the major and minor options available in this degree, please see the [Bachelor of Creative Arts Course Handbook page](#).



## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

Bachelor of Creative Arts students may apply via their Course Coordinator to enrol into the Creative Arts Internship subject, [CAC302](#). The Faculty offers a limited number of industry placements each year. These offer students hands-on experience in cultural organisations that have agreed to partner with the Faculty on this initiative. Typically students will spend a minimum of 60 hours in an organisation, working on an agreed project from their major study area, with exposure to a fully operational professional environment. These hours can be undertaken on a daily basis or as a single block as negotiated with the host organisation. Students are selected for this opportunity on the basis of both strong academic achievement and through application and interview.

In their third year, students will undertake a major project in their chosen discipline continuing to build student experience, expertise and maturity, working with a range of methodologies and processes in a context that simulates professional working conditions.

Third year students may choose to take an additional history/theory subject, particularly if they are interested in Honours or teaching, however, they also have the option of enrolling in [CAC301](#), the Professional Practice subject. In this subject, students will map professional and career pathways in the context of both individual artistic practice and the creative and cultural industries. It will develop an understanding of arts infrastructure, including government agencies, the commercial and the not-for-profit sector. Fundamental professional avenues of support such as legal advisory services and funding structures will be introduced as well as individual portfolios and curriculum vitae, project and funding submission development and making presentations. Students will undertake an individual research assignment into an aspect of the arts that fits with their career ambitions. The subject will be delivered in partnership with key arts and cultural organisations.

## Honours

Honours is a fourth year of study that provides training in independent research. Students who complete the single degree with the required academic standard are encouraged to proceed to the [Bachelor of Creative Arts \(Honours\)](#). Please refer to the Honours handbook page for further information about the degree and entry requirements.

## Other Information

To remain in the program, students must maintain an average of 75% in each

year of study. If the student's average falls below 75%, the student will be transferred into the Bachelor of Creative Arts degree.

Creative Arts may apply subject quotas to ensure optimal class sizes.

Further information is available via email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Creative Arts (Honours) | 2019

Testamur Title of Degree:	Bachelor of Creative Arts (Honours)
Abbreviation:	BCA(Hons)
UOW Course Code:	843
CRICOS Code:	006983G
Total Credit Points:	48
Duration:	1 year full-time or two years part-time
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn
Delivery Mode:	Supervised individual research/creative projects
Delivery Campus:	Wollongong

## Overview

The BCA Honours year is for students who've done well throughout their Bachelor of Creative Arts degree. If you have a Distinction average or higher, the Honours year offers an additional year of study to pursue both critical and creative projects. For your critical work, you'll hone in on one topic from your undergraduate degree, writing a thesis of 10,000-15,000 words; and for your creative project, you'll pursue a body of work in your chosen discipline. In both instances, the Honours year allows you to pursue a topic or theme you are really interested in with a supervisor who's there to encourage and support you.

Potential employers appreciate the Honours degree because it demonstrates that students can: achieve complex goals, meet deadlines, investigate independently, use resources effectively, and write clearly.

The Honours year has two functions at UOW: it offers students the chance to pursue in-depth critical and creative projects at the end of undergraduate study, and it acts as a bridge between undergraduate study and advanced research.

Studying Honours is about:

- Pursuing a creative project in a field you are passionate about
- Learning research skills, navigation skills and information systems (archives, the library, databases, electronic research networks)
- The opportunity to practise articulating complex ideas orally and in writing. It provides the experience of working closely with a supervisor on a project and working with firm deadlines
- Experiences in devising, researching and writing up an individual topic of study in an extended argument or thesis.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Independently plan and execute a research-based project or piece of scholarship that demonstrates in-depth understanding and critical analysis of areas in the Arts

2	Demonstrate advanced theoretical knowledge and critically reflect on, synthesise and evaluate information, problems, concepts and theories.
3	Communicate a coherent and sustained argument, explaining and disseminating research results and conclusions.
4	Apply an advanced knowledge of research, research integrity, ethics and the rights and safety of others, to independently plan and execute a substantial piece of research.

## Course Structure

To qualify for award of this degree, students will complete 48 credit points as outlined below:

Subject Code	Subject Name	Credit Points
<a href="#">CREA401</a>	Minor Thesis in Creative Arts	24
<a href="#">CREA402</a>	Creative Arts Presentation	24

Click on subject codes in the above table for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Joint Honours

Interested students should contact the [Bachelor of Creative Arts \(Honours\) Coordinator](#) to discuss joint study options.

## Honours Guide and Code of Practice

The Faculty of Law, Humanities and the Arts Honours Guide provides detailed information on all Honours courses and can be accessed from the [LHA Honours Programs](#) page.

Students are advised to refer to the University's [Code of Practice - Honours](#).

## Grade of Honours

Honours Grades are calculated in accordance with the University's [General Course Rules](#).

## Other Information

For further information please email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Creative Arts - Bachelor of Arts | 2019

Testamur Title of Degree:	Bachelor of Creative Arts - Bachelor of Arts
Abbreviation:	BCA-BA
UOW Course Code:	720
CRICOS Code:	028395A
Total Credit Points:	Minimum of 216
Duration:	4.5 years full-time or part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn/Spring*
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 751501

\* Students eligible for Credit Transfer may begin in Summer Session if appropriate subjects are available.

## Overview

Studying a double degree combination of Bachelor of Creative Arts and Bachelor of Arts offers a vibrant and progressive approach to learning. The Bachelor of Arts allows you to gain experience in analysing and synthesising complex ideas; skills that are essential in real world problem solving and highly valuable to a wide range of employers. The Bachelor of Creative Arts supports you to develop your creative, practical and conceptual skills enabling you to join the creative industries, one of the fastest growing sectors in the world.

UOW offers hands-on studio production with critical reflection, and practice-based subjects with theoretical analysis in study areas including creative writing, music, theatre, performance, or visual arts and visual arts and design. A double degree encompassing both the Creative and the Liberal Arts gives graduates the edge in a world that increasingly values flexibility and interdisciplinary knowledge.

In Australia, over 600,000 people create a living from working in film, television and radio as well as pod and webcasting; writing and editing; recording and performing; advertising and marketing; visual arts, design and architecture; as well as in museums (art and science), galleries, theatres and arts organisations. The practical learning undertaken in the creative arts is complemented by the interpretive and critical skills offered by study in the humanities, leading to employment can be found in the public, private or non-for profit sectors and giving you an edge in the global market place.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

The course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Please refer to the Course Handbook page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

To qualify for award of the degree, the Bachelor of Creative Arts - Bachelor of Arts, a candidate must successfully complete at least 216 credit points, comprised of:



1. The core subjects prescribed for the [Bachelor of Creative Arts](#) (24 credit points);
2. One of the majors listed for the [Bachelor of Creative Arts](#) (minimum 72 and a maximum of 96 credit points);
3. At least one of the majors listed for the [Bachelor of Arts](#) (minimum 48 and maximum of 60 credit points);
4. A second major (minimum 48 and maximum 60 credit points), or a minor (minimum 24 credit points), from within the Faculty of Law, Humanities and the Arts; and
5. If required, elective subjects to bring the total number of credit points completed to 216.

Notes:

- No more than 90 credit points at 100 level.
- A clear pass in the core 300 level subjects.

## Majors and Minors

Students completing this degree will complete at least two majors. One chosen from the [Bachelor of Creative Arts](#), and one from the [Bachelor of Arts](#).

As part of their Bachelor of Arts Component, students will also choose either a second Major, or Minor chosen from the Bachelor of Arts.

Note that depending on the choice of majors in each degree, the total number of credit points may vary and be more than 216.

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

Bachelor of Creative Arts students may apply via their Course Coordinator to enrol into the Creative Arts Internship subject, [CAC302](#). The Faculty offers a limited number of industry placements each year. These offer students hands-on experience in cultural organisations that have agreed to partner with the Faculty on this initiative. Typically students will spend a minimum of 60 hours in an organisation, working on an agreed project from their major study area, with exposure to a fully operational professional environment. These hours can be undertaken on a daily basis or as a single block as negotiated with the host organisation. Students are selected for this opportunity on the basis of both strong academic achievement and through application and interview.

In their third year students will undertake a major project in their chosen discipline continuing to build student experience, expertise and maturity, working with a range of methodologies and processes in a context that

simulates professional working conditions.

Third year students may choose to take an additional history/theory subject, particularly if they are interested in Honours or teaching, however, they also have the option of enrolling in [CAC3301](#), the Professional Practice subject. In this subject, students will map professional and career pathways in the context of both individual artistic practice and the creative and cultural industries. It will develop an understanding of arts infrastructure, including government agencies, the commercial and the not-for-profit sector. Fundamental professional avenues of support such as legal advisory services and funding structures will be introduced as well as individual portfolios and curriculum vitae, project and funding submission development and making presentations. Students will undertake an individual research assignment into an aspect of the arts that fits with their career ambitions. The subject will be delivered in partnership with key arts and cultural organisations.

[The Faculty of Law, Humanities and the Arts internship program](#) also provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Some Majors will have a specific internship subject available for students. Otherwise, students can consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Honours

Honours is a fourth year of study that provides training in independent research. Students who complete the double degree with the required academic standard are encouraged to proceed to the Honours degree in either the [Bachelor of Creative Arts \(Honours\)](#) or the [Bachelor of Arts \(Honours\)](#). Please refer to the Honours handbook pages for the single degrees for further information about these degrees and their entry requirements.

## Other Information

Creative Arts may apply quotas to subjects to ensure optimal class sizes.

Further information is available via email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

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Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Creative Arts – Bachelor of Commerce | 2019

Testamur Title of Degree:	Bachelor of Creative Arts – Bachelor of Commerce
Abbreviation:	BCA-BCom
UOW Course Code:	709
CRICOS Code:	028396M
Total Credit Points:	Minimum of 216*
Duration:	Minimum 4.5 years full-time or part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn / Spring
Delivery Mode:	On Campus
Delivery Campus / UAC Code:	Wollongong / 751502

\* This is a minimum and may vary depending on major.

## Overview

The Bachelor of Creative Arts prepares you to become part of the creative industries, one of the fastest growing sectors in the world. The Bachelor of Commerce provides core skills in many business functions, essential to the contemporary arts and creative industries, as well as specialist knowledge in a chosen field.

In Australia, over 600,000 people create a living from working in film, television and radio as well as pod and webcasting; writing and editing; recording and performing; advertising and marketing; visual arts, design and architecture; as well as in museums (art and science), galleries, theatres and arts organisations. An understanding of the creative arts in tandem with practical in commercial, business and administrative skills, essential for a career in arts administration, publishing, musical entrepreneurship or management of performing arts centres, museums, theatres or galleries. It gives practising artists and designers a unique edge in managing their talents for professional purposes.

By expanding your specialisation, you are able to carve out a career of your choice and gain highly competitive skills in a global workplace. It also enables people pursuing careers in business to think and work creatively and apply their business skills in the creative industries.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

The outcomes which are common and consolidated in this joint degree ensure that on successful completion of the course students will be able to:

CLO	Description
1	Develop and apply a set of relevant professional and technical skills for professional purposes;
2	Communicate effectively orally and in writing;

3	Work collaboratively to produce project outcomes;
4	Work independently to produce project outcomes;
5	Apply ethical principles to a range of contexts.

Please refer to the [Course Handbook](#) page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

To qualify for the award of the Bachelor of Creative Arts - Bachelor of Commerce, students must complete a minimum of 216 credit points comprised of the following:

1. The core subjects prescribed for the [Bachelor of Creative Arts](#) (24 credit points);
2. One of the majors listed for the [Bachelor of Creative Arts](#) (minimum 72 and maximum 96 credit points);
3. The core subjects prescribed for the [Bachelor of Commerce](#) (54 credit points),
4. One of the majors listed for the [Bachelor of Commerce](#) (48 credit points)
5. If required, elective subjects to bring the total number of credit points completed to 216.

Notes:

- No more than 90 credit points at 100-level.
- Students undertaking a major study in Visual Arts and Design are required to complete 222 credit points.
- Students must achieve a clear pass in the core 300-level subject to be eligible to graduate with a Bachelor of Creative Arts - Bachelor of Commerce.

## Majors

Students completing this degree will complete at least two majors. One chosen from the [Bachelor of Creative Arts](#), and one from the [Bachelor of Commerce](#).

Students undertaking a major study in Visual Arts and Design are required to complete 222 credit points.

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

Bachelor of Creative Arts students may apply via their Course Coordinator to

enrol into the Creative Arts Internship subject, [CAC302](#). The Faculty offers a limited number of industry placements each year. These offer students hands-on experience in cultural organisations that have agreed to partner with the Faculty on this initiative. Typically students will spend a minimum of 60 hours in an organisation, working on an agreed project from their major study area, with exposure to a fully operational professional environment. These hours can be undertaken on a daily basis or as a single block as negotiated with the host organisation. Students are selected for this opportunity on the basis of both strong academic achievement and through application and interview.

In their third year students will undertake a major project in their chosen discipline continuing to build student experience, expertise and maturity, working with a range of methodologies and processes in a context that simulates professional working conditions.

Third year students may choose to take an additional history/theory subject, particularly if they are interested in Honours or teaching, however, they also have the option of enrolling in [CAC301](#), the Professional Practice subject. In this subject, students will map professional and career pathways in the context of both individual artistic practice and the creative and cultural industries. It will develop an understanding of arts infrastructure, including government agencies, the commercial and the not-for-profit sector. Fundamental professional avenues of support such as legal advisory services and funding structures will be introduced as well as individual portfolios and curriculum vitae, project and funding submission development and making presentations. Students will undertake an individual research assignment into an aspect of the arts that fits with their career ambitions. The subject will be delivered in partnership with key arts and cultural organisations.

## Honours

Honours is a fourth year of study that provides training in independent research. Students who complete the double degree with the required academic standard are encouraged to proceed to either the [Bachelor of Creative Arts \(Honours\)](#) or [Bachelor of Commerce \(Honours\)](#). Please refer to the handbook pages for further information about these degrees.

## Other Information

Further information is available via email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 8 February, 2019

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Creative Arts – Bachelor of Communication and Media | 2019

Testamur Title of Degree:	Bachelor of Creative Arts – Bachelor of Communication and Media
Abbreviation:	BCA-BCM
UOW Course Code:	1795
CRICOS Code:	094802K
Total Credit Points:	216
Duration:	4.5 years full-time or part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn / Spring
Delivery Mode:	On Campus
Delivery Campus / UAC Code:	Wollongong / 751506

## Overview

The Bachelor of Creative Arts - Bachelor of Communication and Media has a strong focus on the creative industries, and encourages an understanding of how producers and consumers interact in a media saturated world. UOW connects hands-on studio production with critical reflection. This degree will equip you with a diverse set of skills including critical and creative thinking and effective communication and problem solving skills, all of which are required for high achievement in a range careers.

The Bachelor of Communication and Media degree offers students a strong foundation in the global communication and media industries. This degree has a focus on preparing students for global careers in digital and social media, visual communication design, journalism, screen media production, marketing communication, advertising and PR. Students will encounter key ideas in the study and practice of media and communications, and gain flexible and transferable skills that will prepare them for informed engagement with the changing world of global media culture.

You will also become part of the creative industries, one of the fastest growing sectors in the world. In Australia, over 600,000 people create a living from working in film; television and radio; writing and editing; recording and performing; advertising and marketing; design and visual arts; and architecture. A Creative Arts degree equips you with a sound knowledge of contemporary arts, arts theory and history within Australia and how that fits within an international context, reflecting on social, cultural and ethical issues.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

The course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Please refer to the Course Handbook page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

To qualify for the award of this degree, students must complete a minimum of 216 credit points comprised of the following:

1. The core subjects prescribed for the [Bachelor of Creative Arts](#) (24 credit points);
2. One of the majors listed for the [Bachelor of Creative Arts](#) (minimum 72

and maximum 96 credit points);

3. The core subjects prescribed for the [Bachelor of Communication and Media](#) (48 credit points);
4. One of the majors listed for the [Bachelor of Communication and Media](#) (48 credit points);
5. If required, elective subjects to bring the total number of credit points completed to 216.

Notes:

- No more than 90 credit points at 100-level.
- Students must achieve a clear pass in the core 300 level subjects.

## Majors and Minors

Students completing this degree will complete at least two majors. One chosen from the [Bachelor of Creative Arts](#), and one from the [Bachelor of Communication and Media](#). Follow the links to each Course Handbook page for information on the majors available in each degree.

***NOTE: Students in this degree cannot take the 'Visual Arts and Design' major with the 'Visual Communication Design' major.***

Students completing a 72 credit point major in their Bachelor of Creative Arts may wish to use elective subjects to complete a minor. Information regarding minors is available on the [2019 LHA General Schedule of Minors](#) page.

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

Bachelor of Creative Arts students may apply via their Course Coordinator to enrol into the Creative Arts Internship subject, [CAC302](#). The Faculty offers a limited number of industry placements each year. These offer students hands-on experience in cultural organisations that have agreed to partner with the Faculty on this initiative. Typically students will spend a minimum of 60 hours in an organisation, working on an agreed project from their major study area, with exposure to a fully operational professional environment. These hours can be undertaken on a daily basis or as a single block as negotiated with the host organisation. Students are selected for this opportunity on the basis of both strong academic achievement and through application and interview.

In their third year students will undertake a major project in their chosen discipline continuing to build student experience, expertise and maturity, working with a range of methodologies and processes in a context that

simulates professional working conditions.

Third year students may choose to take an additional history/theory subject, particularly if they are interested in Honours or teaching, however, they also have the option of enrolling in [CAC3301](#), the Professional Practice subject. In this subject, students will map professional and career pathways in the context of both individual artistic practice and the creative and cultural industries. It will develop an understanding of arts infrastructure, including government agencies, the commercial and the not-for-profit sector. Fundamental professional avenues of support such as legal advisory services and funding structures will be introduced as well as individual portfolios and curriculum vitae, project and funding submission development and making presentations. Students will undertake an individual research assignment into an aspect of the arts that fits with their career ambitions. The subject will be delivered in partnership with key arts and cultural organisations.

## Honours

Honours is a fourth year of study that provides training in independent research. Students who complete the double degree with the required academic standard are encouraged to proceed to either the [Bachelor of Creative Arts \(Honours\)](#) or the [Bachelor of Communication and Media \(Honours\)](#). Please refer to the handbook pages for further information about these degrees and their entry requirements.

## Other Information

Further information is available via email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 8 February, 2019

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# 2019 Undergraduate Courses

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Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Creative Arts - Bachelor of Computer Science | 2019

Testamur Title of Degree:	Bachelor of Creative Arts - Bachelor of Computer Science
Abbreviation:	BCA-BCompSc
UOW Course Code:	844
CRICOS Code:	031166K
Total Credit Points:	Minimum 216*
Duration:	Minimum 4.5 years full-time or part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 751503

\* This is a minimum and may vary depending on the chosen major

## Overview

UOW's Bachelor of Creative Arts - Bachelor of Computer Science double degree is designed for students who are interested in developing artistic works using computer software. This combination enables you to acquire specialist knowledge and skills across the continually changing landscape of information communication and technology (ICT), as well as applying technological skills in design, visual communications and multimedia. Your high-level programming skills can be applied across a wide range of applications and you will learn how the structure of data plays an important role in delivering solutions to complex problems in a creative way. Through your reading, practice-based subjects and your own research you will attain a broader understanding of the digital world in which we live.

A Bachelor of Creative Arts supports you to develop your creative, practical and conceptual skills enabling you to join the creative industries, one of the fastest growing sectors in the world. In Australia, over 600,000 people create a living from working in film, television and radio as well as pod and webcasting; writing and editing; recording and performing; advertising and marketing; visual arts, design and architecture; as well as in museums (art and science), galleries, theatres and arts organisations. The opportunities to develop creative and practical skills in the Bachelor of Creative Arts, is complemented by the acquisition of specialist technological skills across the continually changing landscape of information communications and technology, skills that are in high demand in today's global market place.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

The outcomes which are common and consolidated in this joint degree ensure that on successful completion of the course students will be able to:

CLO	Description
1	Demonstrate sound discipline knowledge;

2	Apply relevant skills and knowledge to produce disciplinary work;
3	Communicate effectively with a range of audiences;
4	Function effectively as part of a team to accomplish a set of common goals;
5	Apply ethical principles to a range of contexts.

Please refer to the [Course Handbook](#) page of each individual for a comprehensive list of degree course learning outcomes.

## Course Structure

To qualify for the award of the Bachelor of Creative Arts - Bachelor of Computer Science, students must complete a minimum of 216 credit points comprised of the following:

1. The core subjects prescribed for the [Bachelor of Creative Arts](#) (24 credit points);
2. One of the majors listed for the [Bachelor of Creative Arts](#) (minimum 72 and maximum 96 credit points);
3. A major sequence in the [Bachelor of Computer Science](#) as prescribed by the Faculty of Engineering and Information Sciences (120 credit points).

Notes:

- No more than 90 credit points at 100 level.
- Students must achieve a clear pass in the core 300 level subjects to be eligible to graduate with a Bachelor of Creative Arts - Bachelor of Computer Science.
- Students undertaking a major study in Visual Arts and Design are required to complete 240 credit points.

## Majors

Students completing this degree will complete at least two majors. One chosen from the [Bachelor of Creative Arts](#), and one from the [Bachelor of Computer Science](#). Follow the links to each Course Handbook page for information on the majors available.

Students undertaking a major study in Visual Arts and Design are required to complete 240 credit points

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

Bachelor of Creative Arts students may apply via their Course Coordinator to



enrol into the Creative Arts Internship subject, [CAC302](#). The Faculty offers a limited number of industry placements each year. These offer students hands-on experience in cultural organisations that have agreed to partner with the Faculty on this initiative. Typically students will spend a minimum of 60 hours in an organisation, working on an agreed project from their major study area, with exposure to a fully operational professional environment. These hours can be undertaken on a daily basis or as a single block as negotiated with the host organisation. Students are selected for this opportunity on the basis of both strong academic achievement and through application and interview.

In their third year students will undertake a major project in their chosen discipline continuing to build student experience, expertise and maturity, working with a range of methodologies and processes in a context that simulates professional working conditions.

Third year students may choose to take an additional history/theory subject, particularly if they are interested in Honours or teaching, however, they also have the option of enrolling in [CAC301](#), the Professional Practice subject. In this subject, students will map professional and career pathways in the context of both individual artistic practice and the creative and cultural industries. It will develop an understanding of arts infrastructure, including government agencies, the commercial and the not-for-profit sector. Fundamental professional avenues of support such as legal advisory services and funding structures will be introduced as well as individual portfolios and curriculum vitae, project and funding submission development and making presentations. Students will undertake an individual research assignment into an aspect of the arts that fits with their career ambitions. The subject will be delivered in partnership with key arts and cultural organisations.

## Honours

Honours is an additional year of study that provides training in independent research. Students who complete the double degree with the required academic standard are encouraged to proceed to either the [Bachelor of Creative Arts \(Honours\)](#) or [Bachelor of Computer Science \(Honours\)](#). Please refer to the Course Handbook pages for further information about these degrees.

## Other Information

Further information is available via email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

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# 2019 Undergraduate Courses

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Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Creative Arts – Bachelor of International Studies | 2019

Testamur Title of Degree:	Bachelor of Creative Arts – Bachelor of International Studies
Abbreviation:	BCA-BIntSt
UOW Course Code:	1828
CRICOS Code:	069489M
Total Credit Points:	216
Duration:	4.5 years full-time or part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn or Spring
Delivery Mode:	On campus
Delivery Campus / UAC Code:	Wollongong / 751505

## Overview

Studying a double degree combination of Bachelor of Creative Arts and Bachelor of International Studies offers a vibrant and progressive approach to learning. UOW connects hands-on studio production with critical reflection, and practice-based subjects with theoretical analysis in study areas including creative writing, music, theatre, performance, visual arts and design. You will be encouraged to undertake work experience and internships in the cultural and creative industries to help prepare you for the global workplace.

The Bachelor of Creative Arts prepares you to become part of the creative industries, one of the fastest growing sectors in the world. International Studies is the analysis, appreciation and understanding of the diversity of the global community. It examines the relationships of politics, society, culture, language, and history in a range of countries.

In Australia, over 600,000 people create a living from working in film, television and radio as well as pod and webcasting; writing and editing; recording and performing; advertising and marketing; visual arts, design and architecture; as well as in museums (art and science), galleries, theatres and arts organisations. An understanding of the creative arts in tandem with International Studies has the potential to enable graduates to understand themselves as cultural diplomats, whether seeking to enhance socio-cultural cooperation, strengthen relationships, or promote national interests and international understanding.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

The outcomes which are common and consolidated in this joint degree ensure that on successful completion of the course students will be able to:

CLO	Description
1	Critically review national and international issues;

2	Apply appropriate skills to evaluate ideas, concepts and processes and apply to problems in a discipline;
3	Communicate effectively to a range of audiences.

Please refer to the [Course Handbook](#) page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

To qualify for the award of the Bachelor of Creative Arts - Bachelor of International Studies, students must complete a minimum of 216 credit points comprised of the following:

1. The core subjects prescribed for the [Bachelor of Creative Arts](#) (24 credit points);
2. One of the majors listed for the [Bachelor of Creative Arts](#) (a minimum of 72 and a maximum of 96 credit points);
3. The core subjects prescribed for the [Bachelor of International Studies](#) (24 credit points);
4. One of the majors listed for the [Bachelor of International Studies](#) (48 credit points);
5. A minimum of a minor in a language other than English (students may elect to take a major in a language) (a minimum of 24 credit points);
6. If required elective subjects to bring the total number of credit points completed to 216.

Notes:

- No more than 90 credit points at 100 level.
- Students must achieve a clear pass in the core 300 level subjects.

## Majors and Minors

Students completing this degree will complete two majors. One chosen from the [Bachelor of Creative Arts](#) and one from the [Bachelor of International Studies](#).

As part of their Bachelor of International Studies, Students will complete a minimum of a minor in a language other than English.

Students completing a 72 credit point major in their Bachelor of Creative Arts may wish to use their electives to either turn their Language minor into a major, or to complete an additional minor. Information can be found on the [2019 LHA General Schedule of Minors page](#).

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing

employment in your field of choice when you graduate from UOW.

Bachelor of Creative Arts students may apply via their Course Coordinator to enrol into the Creative Arts Internship subject, [CAC302](#). The Faculty offers a limited number of industry placements each year. These offer students hands-on experience in cultural organisations that have agreed to partner with the Faculty on this initiative. Typically students will spend a minimum of 60 hours in an organisation, working on an agreed project from their major study area, with exposure to a fully operational professional environment. These hours can be undertaken on a daily basis or as a single block as negotiated with the host organisation. Students are selected for this opportunity on the basis of both strong academic achievement and through application and interview.

In their third year students will undertake a major project in their chosen discipline continuing to build student experience, expertise and maturity, working with a range of methodologies and processes in a context that simulates professional working conditions.

Third year students may choose to take an additional history/theory subject, particularly if they are interested in Honours or teaching, however, they also have the option of enrolling in [CAC301](#), the Professional Practice subject. In this subject, students will map professional and career pathways in the context of both individual artistic practice and the creative and cultural industries. It will develop an understanding of arts infrastructure, including government agencies, the commercial and the not-for-profit sector. Fundamental professional avenues of support such as legal advisory services and funding structures will be introduced as well as individual portfolios and curriculum vitae, project and funding submission development and making presentations. Students will undertake an individual research assignment into an aspect of the arts that fits with their career ambitions. The subject will be delivered in partnership with key arts and cultural organisations.

The [Faculty of Law, Humanities and the Arts internship program](#) also provides students with other opportunities to apply the knowledge and skills acquired in their degree in a workplace setting.

Students' are also encouraged to consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Honours

Honours is a fourth year of study that provides training in independent research. Students who complete the double degree with the required academic standard are encouraged to proceed to either the [Bachelor of Creative Arts \(Honours\)](#) or the [Bachelor of Interational Studies\(Honours\)](#). Please refer to the handbook pages for further information about these degrees and their entry requirements.

## Other Information

Further information is available via email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

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# 2019 Undergraduate Courses

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Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Creative Arts - Bachelor of Journalism | 2019

Testamur Title of Degree:	Bachelor of Creative Arts - Bachelor of Journalism
Abbreviation:	BCA-BJrnl
UOW Course Code:	856
CRICOS Code:	058987F
Total Credit Points:	Minimum of 216
Duration:	4.5 years full-time or part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 751507



## Overview

A double degree in Creative Arts and Journalism teaches you how to create engaging content, to work with a diversity of materials and processes, and to evaluate key issues in contemporary society. By refining your critical thinking skills, you will be able to investigate and present material to a range of audiences or clients in a persuasive, timely and engaging way.

In Australia, over 600,000 people create a living from working in film, television and radio as well as pod and webcasting; writing and editing; recording and performing; advertising and marketing; visual arts, design and architecture; as well as in museums (art and science), galleries, theatres and arts organisations. The opportunities to develop creative and practical skills in the Bachelor of Creative Arts is complemented by the acquisition of professional skills in multimedia content production. You will learn to research, produce and present entertaining and timely stories through video, audio, print and digital technologies including podcasting and webcasting, working both independently and collaboratively.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

The outcomes, which are common and consolidated in this joint degree, ensure that on successful completion of the course students will be able to:

CLO	Description
1	Evaluate key issues and practice and its application to different disciplines;
2	Work independently and collaboratively in response to disciplinary demands;
3	Critically and reflectively evaluate ideas, concepts and processes;
4	Apply relevant skills and knowledge to produce disciplinary work;
5	Develop and apply a set of relevant critical, professional and technical skills to a specialised area;
6	Communicate effectively to a range of audiences through a range of

	media;
7	Apply ethical principles to a range of contexts.

Please refer to the [Course Handbook](#) page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

To qualify for award of the degree, Bachelor of Creative Arts - Bachelor of Journalism, a candidate must successfully complete at least 216 credit points comprised of the following:

1. The core subjects for the [Bachelor of Creative Arts](#) (24 credit points);
2. One of the majors listed for the [Bachelor of Creative Arts](#) (minimum of 72 and maximum of 96 credit points);
3. The core subjects for the [Bachelor of Journalism](#) (96 credit points);
4. If required elective subjects to bring the total number of credit points completed to 216.

Note:

- No more than 90 credit points completed at 100-level can be counted towards the Bachelor of Creative Arts - Bachelor of Journalism degree.
- Students must achieve a clear pass in the core 300-level subjects.

## Majors and Minors

Students completing this degree will complete at least one major from the [Bachelor of Creative Arts](#).

Students completing a 72 credit point major in their Bachelor of Creative Arts may wish to use elective subjects to complete a minor. Information regarding minors is available on the [2019 LHA General Schedule of Minors](#) page.

## Work Integrated Learning

This course contains a minimum of 70 hours of compulsory work-based placements.

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

Students in the Bachelor of Journalism will complete the Journalism Internship subject, [JRNL304](#), in their final year. This subject provides students with the opportunity to apply the skills acquired during their university subjects as an internship with a professional media organisation. Students

will be required to work in the newsroom (or other suitable work environment). Students who obtain a position in a newsroom will be required to work under the direction of a chief of staff, news director or other nominated person. They will be expected to research, write and, where necessary, produce audio and video stories to deadline. This may be daily, weekly or monthly, depending on the publication/broadcast deadlines of the publication/program they are working for. Students who obtain work experience in a cognate field will be required to produce content (speeches, information packs, media releases, or other documents). Again, they will work under the direction of a nominated employee.

Bachelor of Creative Arts students may apply via their Course Coordinator to enrol into the Creative Arts Internship subject, [CAC302](#). The Faculty offers a limited number of industry placements each year. These offer students hands-on experience in cultural organisations that have agreed to partner with the Faculty on this initiative. Typically students will spend a minimum of 60 hours in an organisation, working on an agreed project from their major study area, with exposure to a fully operational professional environment. These hours can be undertaken on a daily basis or as a single block as negotiated with the host organisation. Students are selected for this opportunity on the basis of both strong academic achievement and through application and interview.

In their third year students will undertake a major project in their chosen discipline continuing to build student experience, expertise and maturity, working with a range of methodologies and processes in a context that simulates professional working conditions.

Third year students may choose to take an additional history/theory subject, particularly if they are interested in Honours or teaching, however, they also have the option of enrolling in [CAC301](#), the Professional Practice subject. In this subject, students will map professional and career pathways in the context of both individual artistic practice and the creative and cultural industries. It will develop an understanding of arts infrastructure, including government agencies, the commercial and the not-for-profit sector. Fundamental professional avenues of support such as legal advisory services and funding structures will be introduced as well as individual portfolios and curriculum vitae, project and funding submission development and making presentations. Students will undertake an individual research assignment into an aspect of the arts that fits with their career ambitions. The subject will be delivered in partnership with key arts and cultural organisations.

## Honours

Honours is a fourth year of study that provides training in independent research. Students who complete the double degree with the required academic standard are encouraged to proceed to the [Bachelor of Creative](#)

[Arts \(Honours\)](#). Please refer to the Honours handbook page for further information.

## Other Information

Further information is available via email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 8 February, 2019

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Creative Arts - Bachelor of Laws | 2019

Testamur Title of Degree:	Bachelor of Creative Arts - Bachelor of Laws
Abbreviation:	BCA-LLB
UOW Course Code:	1894
CRICOS Code:	094217E
Total Credit Points:	240*
Duration:	5 years full-time or **part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 751204

\*This is a minimum figure and may vary depending on the major.

\*Students interested in studying this degree part-time should consult with the Law Head of Students by contacting [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au).

## Overview

A Bachelor of Creative Arts – Bachelor of Laws from UOW equips you with a comprehensive legal education: a world-class degree that provides a thorough grounding in the law, as well as a real-world focus on the essential practical skills and the social and ethical context in which the law operates.

Combining Law with Creative Arts allows you to study a traditional creative discipline including creative writing, music, theatre, visual arts or visual arts and design alongside studies in law. Many lawyers find that knowledge of the arts and media is extremely useful in their practice. From something as simple as pursuing two seemingly different passions to a career defending and promoting free press and artistic expression, this double degree offers many exciting career opportunities.

We believe that practical experience is a vital part of your legal training. We are the only law school in New South Wales that requires you to complete a legal internship, providing highly valued industry experience.

We are committed to social justice and providing a legal education that engages with the complexities of law's intersection with society.

This double degree delivers a practical and contextual legal education that prepares graduates not only for traditional careers in the legal profession but also for a wide range of careers in government, business, creative industries and community organisations – as leaders, innovators and problem solvers.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

The outcomes which are common and consolidated in this double degree ensure that on successful completion of the course students will be able to:

CLO	Description
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1	Apply ethical principles to a range of contexts;
2	Critically analyse concepts to produce a creative response;
3	Apply research and knowledge to provide an original response using disciplinary skills;
4	Communicate effectively to a range of audiences through a range of media.

Please refer to the [Course Handbook](#) page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

To qualify for award of the degree, the Bachelor of Creative Arts - Bachelor of Laws, a candidate must successfully complete at least 240 credit points, comprised of:

1. All compulsory Law subjects for the Bachelor of Laws (Graduate Entry) (114 credit points) as set out below;
2. 30 credit points of electives from the [Bachelor of Laws \(Graduate Entry\)](#) elective list;
3. The core subjects for the [Bachelor of Creative Arts](#) (24 credit points);
4. One of the majors listed for the [Bachelor of Creative Arts](#) (minimum 72, maximum 96 credit points).

Subject Code	Subject Name	Credit Points
<b>Year 1</b>		
<a href="#">LLB1100</a>	Foundations of Law	6
<a href="#">LLB1115</a>	Legal Skills	6
<a href="#">LLB1120</a>	Law of Contract A	6
<a href="#">LLB1130</a>	Criminal Law and Procedure A	6
<a href="#">LLB1160</a>	Interpreting the Law	6
<a href="#">LLB1170</a>	Law of Contract B	6
<a href="#">LLB1180</a>	Criminal Law and Procedure B	6
<a href="#">LLB1197</a>	Legal Ethics & Professional Responsibility	6

<b>Year 2</b>		
<a href="#">LLB2220</a>	Property Law	6
<a href="#">LLB2230</a>	Administrative Law	6
<a href="#">LLB2270</a>	Equity and Trusts	6
<a href="#">LLB2280</a>	Constitutional Law	6
Subjects from the Creative Arts schedule		
<b>Year 3</b>		
<a href="#">LLB2240</a>	Law of Torts	6
<a href="#">LLB2225</a>	Advanced Legal Skills	6
<a href="#">LLB2290</a>	Jurisprudence	6
<a href="#">LLB3397</a>	Legal Internship	3
1 LLB Elective		
Subjects from the Creative Arts schedule		
<b>Year 4</b>		
<a href="#">LLB3300</a>	Remedies and Civil Procedure	6
<a href="#">LLB3301</a>	Evidence	6
<a href="#">LLB3302</a>	Law of Business Organisations	6
1 LLB Elective		
Subjects from the Creative Arts schedule		
<b>Year 5</b>		
3 LLB Electives		
<a href="#">LLB3399</a>	Law, Justice and Professional Practice	3
Subjects from the Creative Arts schedule		

**Part-time Study**



A student is considered part-time when they are enrolled in less than 75% of the standard load for a session. If you are seeking to complete your undergraduate law degree part-time, you are required to complete a minimum of 12 credit points (2 subjects) per session. Please refer to the [Recommended Study Sequence](#) for information.

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Majors

Students will complete one major chosen from the [Bachelor of Creative Arts](#).

## Compulsory Work Placement / Online Component

Law students will complete a Legal Internship subject (LLB3397). This subject is the vehicle for a practical placement designed to expose students to the application of the law in practice; enable students to understand the importance of developing the skills of legal research; communication, drafting, practice management and problem solving; and enable students to observe and reflect upon the values, ethical standards and conduct of the legal profession in practice.

This compulsory component consists of 140 hours over 4 weeks of work-based placement.

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

Bachelor of Creative Arts students may apply via their Course Coordinator to enrol into the Creative Arts Internship subject, CACS302. The Faculty offers a limited number of industry placements each year. These offer students hands-on experience in cultural organisations that have agreed to partner with the Faculty on this initiative. Typically students will spend a minimum of 60 hours in an organisation, working on an agreed project from their major study area, with exposure to a fully operational professional environment. These hours can be undertaken on a daily basis or as a single block as negotiated with the host organisation. Students are selected for this opportunity on the basis of both strong academic achievement and through application and interview.

In their third year students will undertake a major project in their chosen discipline continuing to build student experience, expertise and maturity, working with a range of methodologies and processes in a context that simulates professional working conditions.

Third year students may choose to take an additional history/theory subject, particularly if they are interested in Honours or teaching, however, they also have the option of enrolling in [CACS301](#), the Professional Practice subject. In this subject, students will map professional and career pathways in the context of both individual artistic practice and the creative and cultural industries. It will develop an understanding of arts infrastructure, including government agencies, the commercial and the not-for-profit sector. Fundamental professional avenues of support such as legal advisory services and funding structures will be introduced as well as individual portfolios and curriculum vitae, project and funding submission development and making presentations. Students will undertake an individual research assignment into an aspect of the arts that fits with their career ambitions. The subject will be delivered in partnership with key arts and cultural organisations.

## Law Professional Recognition/Accreditation

The UOW Bachelor of Laws (single LLB or in combination with another degree) is accredited by the Legal Profession Admission Board (LPAB) as satisfying the academic requirements necessary for admission to the Australian legal profession. On completion of the Bachelor of Laws, a student who wishes to practise as a barrister or solicitor must also undertake some form of professional practical training, the requirements for which vary between each state and territory of Australia.

In New South Wales, a student who intends to qualify for admission to practice is required to undertake a practical legal training (PLT) course accredited by the LPAB, followed by or incorporating a period of practical experience in a law-related setting. Practical experience gained by students in [LLB3397](#) Legal Internship may be counted towards this practical experience requirement. Graduates should check with their PLT provider. A list of LPAB accredited PLT courses can be found on the [LPAB website](#).

Students who intend to practise as solicitors after admission will be subject to a period of restricted practice and the mandatory continuing legal education requirements. Further information is available from the [Law Society of New South Wales](#). Students who intend to practise as barristers after admission will be required to read with a senior barrister for a period of time and to undertake the Bar Readers' Course and Bar Examination before being qualified to take briefs on their own account. Further information is available from the [New South Wales Bar Association](#).

## Honours

## Laws

High achieving students enrolled in this double degree may consult with the [Honours Coordinator in Law](#) regarding the possibility of transferring into an [Honours Law](#) degree.

A student who successfully transfers into an Honours program but does not meet the minimum performance standards required for the award of Honours will be permitted to transfer back to the double degree in which they were enrolled immediately prior to the transfer into the Honours course, and will be awarded credit for the number of credit points passed in the Honours degree.

## Creative Arts

Students seeking to pursue an Honours degree in Creative Arts should refer to the information on the [Bachelor of Creative Arts \(Honours\)](#) Course Handbook Page.

## Other Information

Further information is available via email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 11 June, 2019

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# 2019 Undergraduate Courses

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Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Creative Arts - Bachelor of Science | 2019

Testamur Title of Degree:	Bachelor of Creative Arts - Bachelor of Science
Abbreviation:	BCA-BSc
UOW Course Code:	845
CRICOS Code:	031167J
Total Credit Points:	Minimum 216
Duration:	Minimum 4.5 years full-time or part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 751504

## Overview

The Bachelor of Creative Arts - Bachelor of Science combines the practical, numeracy and computer skills of science with the knowledge of contemporary arts, arts theory and history within Australia and how that fits within an international context, reflecting on social, cultural and ethical issues. Bringing together the study of a creative arts discipline with science suggests endless possibilities for interdisciplinary communication and understanding, increasingly necessary in a world confronted with many apparently intractable problems.

The Bachelor of Creative Arts prepares you to become part of the creative industries, one of the fastest growing sectors in the world. A Bachelor of Science offers you skills are becoming increasingly important in Australia with forecasted growth in the professional, scientific and technical services Industry. This means that exciting new employment opportunities and career options for graduates are being created each day.

In Australia, over 600,000 people create a living from working in film, television and radio as well as pod and webcasting; writing and editing; recording and performing; advertising and marketing; visual arts, design and architecture; as well as in museums (art and science), galleries, theatres and arts organisations. Science is the search and application of information and understanding of the natural and social world using an evidence based approach. Science, Technology, Engineering and Mathematics (STEM) skills are becoming increasingly important in Australia with forecasted growth in the professional, scientific and technical services Industry.

Science is the search and application of information and understanding of the natural and social world using an evidence based approach. Science, Technology, Engineering and Mathematics (STEM) skills in Australia is becoming a fast-growing area creating new and increased job prospects. There is a forecasted growth of 12.7% in the Professional, Scientific and Technical Services Industry for 2017-2022 and with this brings exciting employment opportunities and career options. Source: [Employment Projections](#).

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied

across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

The outcomes which are common and consolidated in this joint degree ensure that on successful completion of the course students will be able to:

CLO	Description
1	Demonstrate sound discipline knowledge;
2	Critically and reflectively evaluate ideas, concepts and processes;
3	Apply relevant knowledge and technical skills to produce a disciplinary work;
4	Communicate effectively to a range of audiences.

Please refer to the [Course Handbook](#) page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

To qualify for the award of this degree, students must complete a minimum of 216 credit points comprised of the following:

1. The core subjects prescribed for the [Bachelor of Creative Arts](#) (24 credit points);
2. One of the majors listed for the [Bachelor of Creative Arts](#) (a minimum of 72 and maximum of 96 credit points);
3. A flexible major in the [Bachelor of Science](#) as prescribed by that Faculty;
4. If required, elective subjects to bring the total number of credit points completed to 216.

Note: No more than 90 credit points at 100 level can be counted and students must achieve a clear pass in the core 300 level subjects.

## Majors and Minors

Students completing this degree will complete at least two majors. One chosen from the [Bachelor of Creative Arts](#), and one from the [Bachelor of Science](#). Follow the links to each Course Handbook page for information on the majors available.

Students can take Minors as part of their degree program provided they meet the requirements set. Information regarding minors, including which subjects to take to complete a minor, are available on the [2019 General Schedule of Minors](#) page.

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

Bachelor of Creative Arts students may apply via their Course Coordinator to enrol into the Creative Arts Internship subject, [CAC302](#). The Faculty offers a limited number of industry placements each year. These offer students hands-on experience in cultural organisations that have agreed to partner with the Faculty on this initiative. Typically students will spend a minimum of 60 hours in an organisation, working on an agreed project from their major study area, with exposure to a fully operational professional environment. These hours can be undertaken on a daily basis or as a single block as negotiated with the host organisation. Students are selected for this opportunity on the basis of both strong academic achievement and through application and interview.

In their third year students will undertake a major project in their chosen discipline continuing to build student experience, expertise and maturity, working with a range of methodologies and processes in a context that simulates professional working conditions.

Third year students may choose to take an additional history/theory subject, particularly if they are interested in Honours or teaching, however, they also have the option of enrolling in [CAC301](#), the Professional Practice subject. In this subject, students will map professional and career pathways in the context of both individual artistic practice and the creative and cultural industries. It will develop an understanding of arts infrastructure, including government agencies, the commercial and the not-for-profit sector. Fundamental professional avenues of support such as legal advisory services and funding structures will be introduced as well as individual portfolios and curriculum vitae, project and funding submission development and making presentations. Students will undertake an individual research assignment into an aspect of the arts that fits with their career ambitions. The subject will be delivered in partnership with key arts and cultural organisations.

## Honours

Honours is an additional year of study that provides training in independent research. Students who complete the double degree with the required academic standard are encouraged to proceed to either [Bachelor of Creative Arts \(Honours\)](#) or [Bachelor of Science \(Honours\)](#). Please refer to the Course Handbook pages for further information about these degrees.

## Other Information

Further information is available via email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)



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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Economics and Finance | 2019

Testamur Title of Degree:	Bachelor of Economics and Finance
Abbreviation:	BEconFin
UOW Course Code:	326
CRICOS Code:	075271A
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Business
Intake Session(s):	Autumn / Spring
Delivery Mode:	On-Campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 753670 Shoalhaven / 753671 Bateman's Bay / 753672 Bega / 753673 Southern Highlands / 753674

## Overview

The Bachelor of Economics and Finance degree is a program for high achievers who wish to become professionals in the areas of economics and finance. The program involves the study of economic and finance theories, and application of these theories as policies and practices in firms at domestic and global levels.

As a graduate, you will be able to identify and apply the tools of analysis to a wide range of economic and financial issues, including the behaviour of consumers and firms, the labour market, the environment, fiscal and monetary policy, international trade, and investment and corporate risk. You will also develop expertise in the ways individuals, businesses and other organisations raise, allocate and use money.

Applicants should contact the individual Education Centres for information regarding subject availability as only a limited number of subjects are available.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Coherently explain and integrate theoretical and technical economic and finance knowledge.
2	Apply theoretical and technical economic and finance knowledge in order to make informed judgments and decisions to solving problems.
3	Critically analyse and evaluate data and information to support decision-making in business and policy settings.
4	Apply a wide range of empirical techniques to exercise professional judgement in addressing economic and finance problems.

5	Communicate knowledge and information to both specialist and non-specialist audiences, orally and in writing.
6	Apply an adaptive and collaborative approach to working with others in a variety of business and professional environments.
7	Reflect on economic and financial events and how they relate to finance principles and/or economic way of thinking.

The [Bachelor of Economics and Finance Curriculum map](#) illustrates where course learning outcomes are taught, practiced and assessed within subjects in the program

## Course Structure

To qualify for the award of the degree of Bachelor of Economics and Finance, a candidate must complete a total of at least 144 credit points. 120 credit points will come from core subjects listed below. An additional 24 credit points of elective subjects shall be taken to make up a total of 144 credit points to qualify for the degree.

Subject Code	Subject Name	Credit Points
<a href="#">ACCY111</a>	Accounting Fundamentals In Society	6
<a href="#">ACCY112</a>	Accounting In Organisations	6
<a href="#">COMM101</a>	Principles of Responsible Business	6
<a href="#">COMM121</a>	Statistics for Business	6
<a href="#">ECON100</a>	Economic Essentials for Business	6
<a href="#">FIN 111</a>	Introductory Principles of Finance	6
<a href="#">ACCY200</a>	Financial Accounting IIA	6
<a href="#">ECON222</a>	Mathematics for Business	6
<a href="#">ECON205</a>	Macroeconomic Theory and Policy	6
<a href="#">ECON215</a>	Microeconomic Theory and Policy	6
<a href="#">FIN 222</a>	Corporate Finance	6
<a href="#">FIN 223</a>	Investment Analysis	6
<a href="#">FIN 226</a>	Financial Markets & Institutions	6

<a href="#">FIN 323</a>	Portfolio Analysis	6
<a href="#">FIN 324</a>	Financial Statement Analysis	6
<a href="#">ECON305</a>	Economic Policy	6
<a href="#">ECON315</a>	Macroeconomic Essentials for Business III	6
<a href="#">ECON331</a>	Financial Economics	6
<a href="#">ECON339</a>	Applied Financial Modelling	6
<a href="#">COMM330</a>	Economics and Finance Applied Research Project	6

Please click the subject codes in the above table for information on sessions of offer for each subject at different locations. For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

**NOTES:**

- Double counting is not permitted when completing a minor.
- No more than 60 credit points shall be for 100-level subjects.
- Subject and session offerings may change prior to the commencement of session. Students are advised to check the latest information available on the Subject Database.

## Professional Recognition

The Bachelor of Economics and Finance enables graduates to meet the educational requirements for membership of relevant professional associations. For further information, visit [Professional Recognition and Accreditation](#).

## Other Information

For further information email: [business-enquiries@uow.edu.au](mailto:business-enquiries@uow.edu.au)

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Economics and Finance - Bachelor of Laws | 2019

Testamur Title of Degree:	Bachelor of Economics and Finance - Bachelor of Laws
Abbreviation:	BEcon&Fin - LLB
UOW Course Code:	1895
CRICOS Code:	094221J
Total Credit Points:	264
Duration:	5.5 years full-time or *part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn / Spring
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 751216

\*Students interested in studying this degree part-time should consult with the Law Head of Students by contacting [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au).

\*\*Students commencing in Spring will undertake their first session in the Bachelor of Economics and Finance, before completing their first year of Law in their second year of enrolment.

## Overview

A Bachelor of Economics and Finance – Bachelor of Laws from UOW equips you with a comprehensive legal education: a world-class degree that provides a thorough grounding in the law, as well as a real-world focus on the essential practical skills and the social and ethical context in which the law operates.

Combining Law with Economics and Finance allows you to gain specialised knowledge of fiscal and monetary policies and economic theory at both micro and macro levels opening up a wide range of legal roles in private, government or corporate organisations. You will develop expertise in business and commercial enterprise, and learn about the behaviour of consumers and firms, the labour market, the environment, and international trade and how to raise, allocate and use financial resources and address global economic issues.

We believe that practical experience is a vital part of your legal training. We are the only law school in New South Wales that requires you to complete a legal internship, providing highly valued industry experience.

We are committed to social justice and providing a legal education that engages with the complexities of law's intersection with society.

This double degree delivers a practical and contextual legal education that prepares graduates not only for traditional careers in the legal profession but also for a wide range of careers in government, business and community organisations – as leaders, innovators and problem solvers.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.



The outcomes, which are common and consolidated in this joint degree, ensure that on successful completion of the course students will be able to:

CLO	Description
1	Apply ethical principles to a range of contexts;
2	Investigate and formulate legal and economic arguments in a variety of contexts;
3	Communicate effectively orally and in writing.

Please refer to the [Course Handbook](#) page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

To qualify for award of the degree, the Bachelor of Economics and Finance - Bachelor of Laws, a candidate must successfully complete at least 264 credit points, comprised of:

1. All compulsory Law subjects as set out in the schedule below (114 credit points);
2. 30 credit points of electives from the [Bachelor of Laws \(Graduate Entry\)](#) elective list;
3. Core subjects for the [Bachelor of Economics and Finance](#) (120 credit points).

Note: Where any subjects have the prefix LAW, the equivalent Bachelor of Laws subjects (LLB) must be substituted.

Subject Code	Subject Name	Credit Points
<b>Year 1</b>		
<a href="#">LLB1100</a>	Foundations of Law	6
<a href="#">LLB1115</a>	Legal Skills	6
<a href="#">LLB1120</a>	Law of Contract A	6
<a href="#">LLB1130</a>	Criminal Law and Procedure A	6
<a href="#">LLB1160</a>	Interpreting the Law	6
<a href="#">LLB1170</a>	Law of Contract B	6
<a href="#">LLB1180</a>	Criminal Law and Procedure B	6

<a href="#">LLB1197</a>	Legal Ethics & Professional Responsibility	6
<b>Year 2</b>		
<a href="#">LLB2220</a>	Property Law	6
<a href="#">LLB2230</a>	Administrative Law	6
<a href="#">LLB2270</a>	Equity and Trusts	6
<a href="#">LLB2280</a>	Constitutional Law	6
Subjects from the Economics and Finance Schedule		
<b>Year 3</b>		
<a href="#">LLB2225</a>	Advanced Legal Skills	6
<a href="#">LLB2240</a>	Law of Torts	6
<a href="#">LLB2290</a>	Jurisprudence	6
<a href="#">LLB3397</a>	Legal Internship	3
1 LLB Elective		
Subjects from the Economics and Finance Schedule		
<b>Year 4</b>		
<a href="#">LLB3300</a>	Remedies and Civil Procedure	6
<a href="#">LLB3301</a>	Evidence	6
<a href="#">LLB3302</a>	Law of Business Organisations	6
1 LLB Elective		
Subjects from the Economics and Finance Schedule		
<b>Year 5</b>		
3 LLB Electives		
<a href="#">LLB3399</a>	Law, Justice and Professional Practice	3
Subjects from the Economics and Finance Schedule		

### **Part-time Study**

A student is considered part-time when they are enrolled in less than 75% of the standard load for a session. If you are seeking to complete your undergraduate law degree part-time, you are required to complete a minimum of 12 credit points (2 subjects) per session. Please refer to the [Recommended Study Sequence](#) for information.

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## **Compulsory Work Placement / Online Component**

This course contains a total of 140 hours over 4 weeks of compulsory work-based placements. This course may also contain compulsory components to be completed online.

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

Law students will complete a Legal Internship subject (LLB3397). This subject is the vehicle for a practical placement designed to expose students to the application of the law in practice; enable students to understand the importance of developing the skills of legal research; communication, drafting, practice management and problem solving; and enable students to observe and reflect upon the values, ethical standards and conduct of the legal profession in practice.

## **Professional Recognition/Accreditation**

### **Law**

The UOW Bachelor of Laws (single LLB or in combination with another degree) is accredited by the Legal Profession Admission Board (LPAB) as satisfying the academic requirements necessary for admission to the Australian legal profession. On completion of the Bachelor of Laws, a student who wishes to practise as a barrister or solicitor must also undertake some form of professional practical training, the requirements for which vary between each state and territory of Australia.

In New South Wales, a student who intends to qualify for admission to practice is required to undertake a practical legal training (PLT) course

accredited by the LPAB, followed by or incorporating a period of practical experience in a law-related setting. Practical experience gained by students in [LLB3397 Legal Internship](#) may be counted towards this practical experience requirement. Graduates should check with their PLT provider. A list of LPAB accredited PLT courses can be found on the [LPAB website](#).

Students who intend to practise as solicitors after admission will be subject to a period of restricted practice and the mandatory continuing legal education requirements. Further information is available from the [Law Society of New South Wales](#). Students who intend to practise as barristers after admission will be required to read with a senior barrister for a period of time and to undertake the Bar Readers' Course and Bar Examination before being qualified to take briefs on their own account. Further information is available from the [New South Wales Bar Association](#).

## Economics and Finance

The Bachelor of Economics and Finance enables graduates to meet the educational requirements for membership of relevant professional associations. For further information, visit [Professional Recognition and Accreditation](#).

## Honours

High achieving students enrolled in this double degree may consult with the [Honours Coordinator in Law](#) regarding the possibility of transferring into an [Honours Law](#) degree.

A student who successfully transfers into an Honours program but does not meet the minimum performance standards required for the award of Honours will be permitted to transfer back to the double degree in which they were enrolled immediately prior to the transfer into the Honours course, and will be awarded credit for the number of credit points passed in the Honours degree.

## Other Information

Further information is available via email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au) or [business-enquiries@uow.edu.au](mailto:business-enquiries@uow.edu.au)

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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Education - The Early Years | 2019

Testamur Title of Degree:	Bachelor of Education - The Early Years
Abbreviation:	BEdEarlyYears
UOW Course Code:	1816
CRICOS Code:	Wollongong On-campus / 064117B
Total Credit Points:	192
Duration:	4 years full-time or part-time equivalent
Home Faculty:	Faculty of Social Sciences
Intake Session(s):	Autumn
Delivery Mode:	On-campus, Flexible
Delivery Campus / UAC Code:	Wollongong On-campus / 755113 Flexible / 755111

## Overview

The Bachelor of Education – The Early Years is an exciting approach to professional preparation of teacher qualified professionals in the Early Childhood Education and Care sector, recognising the increasingly expanding and rewarding role of the Early Education Teacher.

The course recognises the significance of enriched educational opportunities and experiences for all children in the early years necessary to ensure their present and future health, development and wellbeing. It focuses on extending and enriching young children’s learning from birth through to five years and transition to school, providing children with opportunities to maximise their potential and develop a foundation for future success in learning.

The Bachelor of Education – The Early Years focuses on the development of very young children being connected to family, community, culture and place. Students will learn about child development, establishing respectful and caring relationships with children and their families, cultural and social diversity, early intervention, leadership and advocacy.

Students will have the opportunity to gain sector experience and professional connections through the Professional Partners in Practice (PPP) program in which students are paired with an early childhood education and care centre for continuous professional mentoring. Students will also spend up to 16 weeks in early childhood education and care centres as part of the Professional Experience Program.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to:

CLO	Description
1	Demonstrate A broad and coherent knowledge of Early Childhood Education and Care pedagogies, policies and professional practice.
2	Apply ongoing analysis of and engagement with the philosophy, ethics and practice in Early Childhood Education and Care.

3	Demonstrate and apply developed cognitive, practical and communication skills to foster wellbeing in children and to collaborate respectfully with families, communities and educators.
4	Demonstrate an understanding of the theory-practice nexus, its role and theirs as the teacher as researcher.
5	Apply emerging skills in autonomous problem solving, adaptive and innovative approaches to planning, programming and evaluating for all learners in the Early Childhood Education and Care context
6	Demonstrate and apply a holistic understanding of socially inclusive practice; respect for culture, diversity and community in Australian society.

## Course Structure

The Bachelor of Education – The Early Years requires the following:

- a. The successful completion of 192 credit points, comprising:
  - i. 27 core subjects (168cp);
  - ii. 4 elective subjects (24cp) from Education or the [General Schedule](#) with approval from the Academic Program Director as outlined below; and
  - iii. No more than 60 credit points may be at 100 level.
- b. The successful completion of the Professional Experience components embedded in the course.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn</b>			
<a href="#">HAS 111</a>	Essential Academic Skills	6	Autumn
<a href="#">EYIT101</a>	Engaging with Technology in Early Childhood Education	6	Autumn
<a href="#">EYMP101</a>	Early Childhood Contexts	6	Autumn
<a href="#">EYPP101</a>	Play and Pedagogy	6	Autumn
<b>Spring</b>			
<a href="#">EYCA102</a>	Creative Arts Education in Early Childhood Settings	6	Spring



EYFE102	Childhood Sociology: Children in the Family, Community and Society	6	Spring
EYLL102	Language and Literacy in Early Childhood	6	Spring
EYPD102	Observing Children	6	Spring
<b>Year 2</b>			
<b>Autumn</b>			
EYDC201	Child Development and Care	6	Autumn
EYEP201	Effective Partnerships for Early Childhood Professionals	6	Autumn
EYPD201	Curriculum Content and Programming	6	Autumn
Plus ONE of the following electives:			
EYED201	Inclusion of Children with Additional Needs in Early Years Education	6	Autumn
Or any 100, 200 or 300 level subject from Education or the General Schedule with approval from the Academic Program Director		6	Autumn
<b>Spring</b>			
EYEN202	Numeracy in Early Childhood Education	6	Spring
EYFE302	Historical and Philosophical Perspectives In Early Years Education	6	Spring
EYHS202	Children's Health, Safety and Wellbeing	6	Spring
EYPE202	Physical Environments for Learning in the Early Years	6	Spring

<b>Year 3</b>			
<b>Autumn</b>			
EYER301	Educators as Researchers	6	Autumn
EYCC302	Contexts of Development: Interconnections Betw Child, Family & Community	6	Autumn
EYDC301	Birth to 3 Years: Physical Care and Development	6	Autumn
EYFE301	Early Intervention - A Broad Approach	6	Autumn
<b>Spring</b>			
EYAE202	Aboriginal Education for Booris	6	Spring
EYLL302	Birth to 3 Years: Developing Language Interactions	6	Spring
EYMP302	Early Childhood Education and Care Services - Management and Admin	6	Spring
Plus ONE of the following electives:			
EYEM202	Music and Movement in Early Childhood	6	Not available in 2019
EYST302	Science & Technology for the Early Years	6	Spring
Or any 200, 300 or 400 level subject from Education or the General Schedule with approval from the Academic Program Director		6	Spring
<b>Year 4</b>			
<b>Annual</b>			
EYPD401	Early Years Project	12	Annual
<b>Autumn</b>			

EYTE401	Contemporary Theories and Practice in Early Childhood	6	Autumn
EYTS401	Transition to School	6	Autumn
Plus ONE elective at 200, 300 or 400 level from Education or the General Schedule with approval from the Academic Program Director		6	Autumn
<b>Spring</b>			
EYLL402	Children's Literature in the Early Years	6	Spring
EYMP402	Advocacy and Leadership in Early Childhood	6	Spring
Plus ONE of the following electives:			
EYEK402	Engaging Koori Kids and their Families	6	Spring
EYST302	Science & Technology for the Early Years	6	Spring
Or any 200, 300 or 400 level subject from Education or the General Schedule with approval from the Academic Program Director		6	Spring

For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Minors

Students in the Bachelor of Education – The Early Years can undertake a minor study [from another Faculty](#). A minor consists of an approved combination of subjects which have a minimum value of 24 credit points offered by one or more academic units, of which 12 credit points should be at least 200 level or higher. The cross-counting of subjects towards majors, minors and core degree requirements is limited to one subject.

Students should check that there is room within their degree structure to accommodate a minor study and still meet their degree requirements; and

that the subjects are able to be studied in line with PEx requirements. If in doubt, students should seek academic advice before undertaking a minor study.

Students should also note that some subjects listed for minor studies may require other subjects as pre/co-requisites and that due to demand or space limitations, some subjects may have quotas. Students are advised to check for specific subject information in the online subject database before selecting subjects.

## Compulsory Work Placement / Online Component

This course contains a total of 630 hours or approximately 90 days of compulsory work-based placements, completed over 34 weeks throughout the degree. This course may also contain compulsory components to be completed online.

## Dean's Scholar

A Dean's Scholar program is available for high achieving students. For more information refer to the [Bachelor of Education - The Early Years \(Dean's Scholar\)](#).

## Honours

Students who have achieved a high level of academic performance in the first three years of the degree may complete the fourth year at Honours level. For more information refer to the [Bachelor of Education - The Early Years \(Honours\)](#).

## Professional Recognition/Accreditation

This degree is recognised by the Australian Children's Education and Care Quality Authority and is an approved early childhood teaching qualification for the purpose of the Education and Care Services National Law and Regulations.

## Other Information

For further information email: [ssc@uow.edu.au](mailto:ssc@uow.edu.au)

Last reviewed: 26 October, 2018

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Education - The Early Years (Dean's Scholar) | 2019

Testamur Title of Degree:	Bachelor of Education - The Early Years (Dean's Scholar)
Abbreviation:	BEdEarlyYears(Dean'sSchol)
UOW Course Code:	1821
CRICOS Code:	081896F
Total Credit Points:	192
Duration:	4 years full-time or part-time equivalent
Home Faculty:	Faculty of Social Sciences
Intake Session(s):	Autumn
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 755211

## Overview

The Bachelor of Education – The Early Years (Dean's Scholar) degree provides an enriched educational experience for motivated, high achieving students who wish to pursue a career in the Early Childhood Education and Care sector. Students will have the opportunity to gain industry experience and professional connections through the Professional Partners in Practice (PPP) program in which students are paired with an early childhood education and care centre for continuous professional mentoring. Students will also spend up to 16 weeks in early childhood education and care centres as part of the Professional Experience Program.

Dean's Scholar students have access to an academic mentor, extended library privileges, invitations to attend school workshops and seminars, and networking events. There is also the opportunity for casual employment in the UOW Faculty of Social Sciences, community research, or projects supervised by leading practitioners or scholars for 15 hours per year.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to:

CLO	Description
1	Demonstrate A broad and coherent knowledge of Early Childhood Education and Care pedagogies, policies and professional practice.
2	Apply ongoing analysis of and engagement with the philosophy, ethics and practice in Early Childhood Education and Care.
3	Demonstrate and apply developed cognitive, practical and communication skills to foster wellbeing in children and to collaborate respectfully with families, communities and educators.
4	Demonstrate an understanding of the theory-practice nexus, its role and theirs as the teacher as researcher.
5	Apply emerging skills in autonomous problem solving, adaptive and innovative approaches to planning, programming and evaluating for all learners in the Early Childhood Education and Care context

6	Demonstrate and apply a holistic understanding of socially inclusive practice; respect for culture, diversity and community in Australian society.
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## Course Structure

The Bachelor of Education – The Early Years (Dean's Scholar) requires the following:

- a. The successful completion of 192 credit points, comprising:
  - i. 28 core subjects (174cp);
  - ii. 3 elective subjects (18cp) from Education or the [General Schedule](#) with approval from the Academic Program Director as outlined below; and
  - iii. No more than 60 credit points may be at 100 level.
- b. The successful completion of the Professional Experience components embedded in the course.
- c. Students must maintain a minimum weighted average mark (WAM) of 80 in each year of enrolment, from and including Year 2, to remain enrolled in the Dean's Scholar program.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn</b>			
<a href="#">HAS 111</a>	Essential Academic Skills	6	Autumn
<a href="#">EYIT101</a>	Engaging with Technology in Early Childhood Education	6	Autumn
<a href="#">EYMP101</a>	Early Childhood Contexts	6	Autumn
<a href="#">EYPP101</a>	Play and Pedagogy	6	Autumn
<b>Spring</b>			
<a href="#">EYCA102</a>	Creative Arts Education in Early Childhood Settings	6	Spring
<a href="#">EYFE102</a>	Childhood Sociology: Children in the Family, Community and Society	6	Spring
<a href="#">EYLL102</a>	Language and Literacy in Early	6	Spring



	Childhood		
<a href="#">EYPD102</a>	Observing Children	6	Spring
<b>Year 2</b>			
<b>Autumn</b>			
<a href="#">EYDC201</a>	Child Development and Care	6	Autumn
<a href="#">EYEP201</a>	Effective Partnerships for Early Childhood Professionals	6	Autumn
<a href="#">EYPD201</a>	Curriculum Content and Programming	6	Autumn
Plus ONE of the following electives:			
<a href="#">EYED201</a>	Inclusion of Children with Additional Needs in Early Years Education	6	Autumn
Or any 100, 200 or 300 level subject from Education or the General Schedule with approval from the Academic Program Director		6	Autumn
<b>Spring</b>			
<a href="#">EYEN202</a>	Numeracy in Early Childhood Education	6	Spring
<a href="#">EYFE302</a>	Historical and Philosophical Perspectives In Early Years Education	6	Spring
<a href="#">EYHS202</a>	Children's Health, Safety and Wellbeing	6	Spring
<a href="#">EYPE202</a>	Physical Environments for Learning in the Early Years	6	Spring
<b>Year 3</b>			
<b>Autumn</b>			
<a href="#">EYER301</a>	Educators as Researchers	6	Autumn

EYCC302	Contexts of Development: Interconnections Betw Child, Family & Community	6	Autumn
EYDC301	Birth to 3 Years: Physical Care and Development	6	Autumn
EYFE301	Early Intervention - A Broad Approach	6	Autumn
<b>Spring</b>			
EYAE202	Aboriginal Education for Booris	6	Spring
EYLL302	Birth to 3 Years: Developing Language Interactions	6	Spring
EYMP302	Early Childhood Education and Care Services - Management and Admin	6	Spring
EDAR302	Advanced Research Methods	6	Spring
<b>Year 4</b>			
<b>Annual</b>			
EYPD401	Early Years Project	12	Annual
<b>Autumn</b>			
EYTE401	Contemporary Theories and Practice in Early Childhood	6	Autumn
EYTS401	Transition to School	6	Autumn
Plus ONE elective at 200, 300 or 400 level from Education or the General Schedule with approval from the Academic Program Director		6	Autumn
<b>Spring</b>			
EYLL402	Children's Literature in the Early Years	6	Spring
EYMP402	Advocacy and Leadership in Early Childhood	6	Spring

Plus ONE of the following electives:			
<a href="#">EYEK402</a>	Engaging Koori Kids and their Families	6	Spring
<a href="#">EYST302</a>	Science & Technology for the Early Years	6	Spring
Or any 200, 300 or 400 level subject from Education or the General Schedule with approval from the Academic Program Director		6	Spring

For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Compulsory Work Placement / Online Components

This course contains a total of 630 hours or approximately 90 days of compulsory work-based placements, completed over 34 weeks throughout the degree. This course may also contain compulsory components to be completed online.

## Honours

Students who have achieved a high level of academic performance in the first three years of the degree may complete the fourth year at Honours level. For more information refer to the [Bachelor of Education - The Early Years \(Honours\)](#).

## Professional Recognition/Accreditation

This degree is recognised by the Australian Children's Education and Care Quality Authority and is an approved early childhood teaching qualification for the purpose of the Education and Care Services National Law and Regulations.

## Other Information

Further information is available at:

[Faculty Website](#)

Email: [ssc@uow.edu.au](mailto:ssc@uow.edu.au)

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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Education - The Early Years (Honours) | 2019

Testamur Title of Degree:	Bachelor of Education - The Early Years (Honours)
Abbreviation:	BEdEarlyYears(Hons)
UOW Course Code:	341
CRICOS Code:	Wollongong - 080835E
Total Credit Points:	192
Duration:	4 years full-time or part-time equivalent
Home Faculty:	Faculty of Social Sciences
Intake Session(s):	Autumn
Delivery Mode:	On-campus, Flexible
Delivery Campus:	Wollongong

## Overview

The Honours program is an alternative option for students going into the fourth year from either the Bachelor of Education - The Early Years pass degree or the Bachelor of Education - The Early Years (Dean's Scholar) degree. Entry to honours is based on application and merit.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to:

CLO	Description
1	Demonstrate a broad and coherent knowledge of Early Childhood Education and Care pedagogies, policies and professional practice.
2	Demonstrate the successful completion of a sustained independent research project utilising the skills of analysis, synthesis and knowledge that will identify the research findings pertaining to an educational issue.
3	Demonstrate developed cognitive, practical and communication skills to foster wellbeing in children and to collaborate respectfully with families, communities and educators.
4	Demonstrate the ability to coherently communicate to a variety of audiences the research findings.
5	Demonstrate qualities of an active professional who is articulate with regards to the theory-practice nexus, its role and theirs as the teacher as researcher.
6	Apply skills in autonomous problem solving, adaptive and innovative approaches to planning, programming and evaluating for all learners in the Early Childhood Education and Care context.
7	Apply higher order thinking in relation to current and future educational challenges.
8	Demonstrate and apply a holistic understanding of socially inclusive practice; respect for culture, diversity and community in Australian society.
9	Apply ethical and responsible behaviour.

## Course Structure

The Bachelor of Education – The Early Years (Honours) requires the following:

- a. The successful completion of 192 credit points, comprising:
  - 28 core subjects (186cp);
  - 1 elective subject (6cp) Education or the [General Schedule](#) with approval from the Academic Program Director as outlined below; and
  - No more than 60 credit points may be at 100 level.
- b. The successful completion of the Professional Experience components embedded in the course.
- c. The Honours grade will be calculated using Method 3. For further information refer to the [General Course Rules](#).

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn</b>			
<a href="#">HAS 111</a>	Essential Academic Skills	6	Autumn
<a href="#">EYIT101</a>	Engaging with Technology in Early Childhood Education	6	Autumn
<a href="#">EYMP101</a>	Early Childhood Contexts	6	Autumn
<a href="#">EYPP101</a>	Play and Pedagogy	6	Autumn
<b>Spring</b>			
<a href="#">EYCA102</a>	Creative Arts Education in Early Childhood Settings	6	Spring
<a href="#">EYFE102</a>	Childhood Sociology: Children in the Family, Community and Society	6	Spring
<a href="#">EYLL102</a>	Language and Literacy in Early Childhood	6	Spring
<a href="#">EYPD102</a>	Observing Children	6	Spring
<b>Year 2</b>			
<b>Autumn</b>			

EYDC201	Child Development and Care	6	Autumn
EYEP201	Effective Partnerships for Early Childhood Professionals	6	Autumn
EYPD201	Curriculum Content and Programming	6	Autumn
Plus ONE of the following electives:			
EYED201	Inclusion of Children with Additional Needs in Early Years Education	6	Autumn
Or any 100, 200 or 300 level subject from Education or the General Schedule with approval from the Academic Program Director		6	Autumn
<b>Spring</b>			
EYEN202	Numeracy in Early Childhood Education	6	Spring
EYFE302	Historical and Philosophical Perspectives In Early Years Education	6	Spring
EYHS202	Children's Health, Safety and Wellbeing	6	Spring
EYPE202	Physical Environments for Learning in the Early Years	6	Spring
<b>Year 3</b>			
<b>Autumn</b>			
EYER301	Educators as Researchers	6	Autumn
EYCC302	Contexts of Development: Interconnections Betw Child, Family & Community	6	Autumn
EYDC301	Birth to 3 Years: Physical Care and Development	6	Autumn



EYFE301	Early Intervention - A Broad Approach	6	Autumn
<b>Spring</b>			
EYAE202	Aboriginal Education for Booris	6	Spring
EYLL302	Birth to 3 Years: Developing Language Interactions	6	Spring
EYMP302	Early Childhood Education and Care Services - Management and Admin	6	Spring
EDAR302	Advanced Research Methods	6	Spring
<b>Year 4</b>			
<b>Annual</b>			
EYRT401	Early Childhood Honours Thesis	24	Annual
<b>Autumn</b>			
EYTE401	Contemporary Theories and Practice in Early Childhood	6	Autumn
EYTS401	Transition to School	6	Autumn
<b>Spring</b>			
EYLL402	Children's Literature in the Early Years	6	Spring
EYMP402	Advocacy and Leadership in Early Childhood	6	Spring

For information regarding timetables, tutorials, and classes please the visit the [Timetables and Classes](#) page.

## Compulsory Work Placement / Online Components

This course contains a total of 630 hours or approximately 90 days of compulsory work-based placements, completed over 34 weeks throughout the degree. This course may also contain compulsory components to be completed online.

# Professional Recognition/Accreditation

This degree is recognised by the Australian Children's Education and Care Quality Authority and is an approved early childhood teaching qualification for the purpose of the Education and Care Services National Law and Regulations.

## Other Information

For further information email: [ssc@uow.edu.au](mailto:ssc@uow.edu.au)

Last reviewed: 19 February, 2019

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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Education Studies

Testamur Title of Degree:	Bachelor of Education Studies
Abbreviation:	BEdSt
UOW Course Code:	374
CRICOS Code:	094749K
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Social Sciences
Intake Session(s):	This is an exit-only qualification
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Batemans Bay, Bega, Shoalhaven, Southern Highlands, Wollongong
Additional Information:	Email: <a href="mailto:ssc@uow.edu.au">ssc@uow.edu.au</a>

## Overview

All educators require an understanding of how people learn, how to implement effective learning experiences, and technologies to support the learning process. They also need a comprehensive knowledge of and respect for diversity amongst learners. This course prepares you for a range of careers in any context where the principles and approaches of teaching and learning can be applied. This degree does not provide a qualification for teaching in Australian primary schools or high schools.

## Entry Requirements & Credit Arrangements

This is an exit-only qualification for students enrolled in the Bachelor of Primary Education, Bachelor of Health and Physical Education, Bachelor of Science Education or the Bachelor of Mathematics Education.

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to:

CLO	Description
1	Demonstrate broad and coherent pedagogical and content knowledge for the education field.
2	Display well-developed communication and evaluation skills as a reflective practitioner, articulating and analysing the complex and dynamic role of the educator in learning environments.
3	Apply pedagogical skills and content knowledge to solve educational problems, respect the diversity of all learners, apply pedagogical strategies for differentiation and reflect on their practice.
4	Demonstrate the ability to autonomously apply educational ethics that value student differences, the importance of diversity and social justice.

## Course Structure

The Bachelor of Education Studies requires the successful completion of 144 credit points in accordance with the progression table below.

A minimum of 24 credit points at 300 level or higher must be included in this degree.

No more than 60 credit points will be completed at 100 level.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Core Subjects (18 cp)</b>			
PSYS150	Foundations of Human Development and Behaviour	6	Autumn
EDAE302	Aboriginal Education	6	Spring
EDLD302	Teaching Culturally and Linguistically Diverse Students	6	Spring
Plus 102 credit points from the undergraduate Education schedule with approval from the Academic Program Director			
Plus 24 credit points of elective subjects from either the Education schedule or the <a href="#">General Schedule</a> with approval from the Academic Program Director			

## Professional Recognition / Accreditation

The Bachelor of Education Studies does not lead to a professional teaching qualification in Australia.

## Other Information

For further information email: [ssc@uow.edu.au](mailto:ssc@uow.edu.au)

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Engineering (Honours) | 2019

Testamur Title of Degree:	Bachelor of Engineering (Honours)
Abbreviation:	BE(Hons)
UOW Course Code:	1856 (for single major) 1857 (for double majors)
CRICOS Code:	083339G (for single major) 083340D (for double major)
Total Credit Points:	192 (for single major) 240 (for double majors)
Duration:	4 years full-time or part-time equivalent (for single major) 5 years full-time or part-time equivalent (for double majors)
Home Faculty:	Faculty of Engineering and Information Sciences
Intake Session(s):	Autumn/Spring

Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / Flexible First Year - 755624 Biomedical - 755610 Civil - 755611 Computer - 755621 Electrical - 755622 Environmental - 755612 Materials - 755613 Mechanical - 755614 Mechatronics - 755616 Mining - 755615 Telecommunications - 755623

## Overview

UOW's Engineering courses are designed to meet the needs of modern engineering. Sound fundamentals in mathematics, science, engineering science and communication lead to advanced studies in one of the branches of engineering offered by the University. A design thread through each of the programs leads to the skills needed for innovation in the competitive industries of the future

Ongoing concentrated high-quality research has ensured that Engineering at UOW is part of the Go8 - Group of Eight & Associates, the top research faculties in Australia.

As an engineering student at UOW you may be eligible to gain credit for relevant work experience, either in Australia or overseas, by participating in our Professional Options Program. All students undertake practical hands-on experience with industry for 12 weeks prior to the conclusion of their academic studies.

After completion of the first year subjects, you can transfer into your chosen discipline of engineering. Majors include: Biomedical, Civil, Computer, Electrical, Environmental, Materials, Mechanical, Mechatronics, Mining and Telecommunications Engineering.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes



Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Demonstrate professional knowledge, with a strong grounding in engineering & awareness of current local and international trends and challenges.
2	Navigate disciplinary literature with particular skills in gathering & synthesising information independently to support an argument or strategy.
3	Implement common research methods in the field of engineering, analyse data & evaluate the validity of findings and exercise critical judgement in determining new directions and strategies for carrying out further investigation.
4	Draw from established engineering concepts, methods and industry standards to develop innovative solutions to complex engineering problems by completing a research project relating to the respective engineering major.
5	Communicate clearly and coherently in writing to a range of audiences, with an ability to integrate knowledge, research, data, analysis and critical evaluation.
6	Communicate verbally to a range of audiences using appropriate language in presentations, consultation and negotiation.
7	Work productively as part of a team with the capacity for leadership, recognising the roles, responsibilities and accountabilities of team members.
8	Show respect for the views, values and culture of others in settings involving colleagues, clients, communities and end users, and consider alternate perspectives in design and project management.
9	Make complex considerations in regards to professional ethics and accountability, account for and mitigate risk, and operate with a commitment to professionalism in all work.
10	Appreciate the importance of sustainable engineering design, and seek to maximise positive social and environmental outcomes in engineering design, practice and development.

## Course Structure

The normal full-time load for a Bachelor of Engineering (Honours) is 48 credit points per year and, apart from thesis and professional experience subjects, all subjects have a credit point value of six.

The Bachelor of Engineering (Honours) normally takes four years to complete, with double majors and double degrees normally taking five years to complete. All students must take notice of the Course Rules regarding minimum rate of progress.

To qualify for award of the degree of Bachelor of Engineering (Honours), a student must complete a total of at least 192 credit points if undertaking a single major or 240 credit points if undertaking a double major, as outlined below:

- a. at least one major, or optional double major, as listed below;
- b. no more than 60 credit points at 100 level;
- c. at least 24 credit points at 300 level;
- d. at least 12 weeks of approved professional experience, documented in the form of employment reports at any stage after completion of 1st year\*; and
- e. a project or thesis on a research or design topic under the supervision of an academic staff member. There are three thesis options:
  - i. [ENGG452](#) Thesis A (12 credit points)
  - ii. [ENGG453](#) Thesis B (18 credit points) - [ENGG453](#) may be taken by high achieving students, with permission of the Head of Students. [ENGG453](#) students are exempt from one six credit point elective.
  - iii. [ECTE451](#) Engineering Project 1 (6 credit points) and [ECTE458](#) Engineering Project 2 (12 credit points).

The Honours grade will be calculated in accordance with Method 2. Students whose WAM is below 67.5% will receive Honours with no grade.

\* A part-time candidate in approved full-time engineering employment may be exempted from up to three specified subjects in accordance with the provisions of the Professional Options subjects, thereby enabling the joint course to be completed in a shorter time.

## Single Majors

- [Biomedical Engineering](#)
- [Civil Engineering](#)
- [Computer Engineering](#)
- [Electrical Engineering](#)
- [Environmental Engineering](#)
- [Materials Engineering](#)
- [Mechanical Engineering](#)
- [Mechatronic Engineering](#)
- [Mining Engineering](#)
- [Telecommunications Engineering](#)

## Double Majors

These programs of study usually take five years to complete. Students may apply to transfer to a double major at the end of the first year of study. Study

programs are detailed in the pages linked below.

- [Civil/Environmental](#)
- [Civil/Mining](#)
- [Computer/Telecommunications](#)
- [Electrical/Computer](#)
- [Electrical/Telecommunications](#)
- [Mechanical/Materials](#)
- [Mechanical/Mining](#)
- [Mining/Environmental](#)
- [Mining/Materials](#)

## Scholar Program

Bachelor of Engineering (Honours) students can apply for a course transfer to the Scholar program after completion of a minimum of 48 credit points. For more information, click [here](#).

## Professional Options

The Faculty encourages the development of engineering skills and knowledge gained in the workplace through Professional Options. Students who work in appropriate industries can enrol in Professional Option subjects and count their industry skills and knowledge toward their degree. This is only available to students in the Biomedical, Civil, Environmental, Materials, Mechanical, Mechatronics and Mining Engineering majors.

Depending on the degree, and subject to approval by the Academic Program Director, students will be able to take up to three six credit point Professional Option subjects during their course:

Subject Code	subject Name	Credit Points	Session(s)
<a href="#">ENGG255</a>	Professional Option 2	6	Annual, Autumn, Spring
<a href="#">ENGG355</a>	Professional Option 3	6	Annual, Autumn, Spring
<a href="#">ENGG455</a>	Professional Option 4	6	Annual, Autumn, Spring

## Double Degrees with Bachelor of Engineering (Honours)

A number of double degrees are offered by the Faculty of Engineering and

#### Information Sciences:

- [Bachelor of Engineering \(Honours\) - Bachelor of Arts](#)
- [Bachelor of Engineering \(Honours\) - Bachelor of Commerce](#)
- [Bachelor of Engineering \(Honours\) - Bachelor of Computer Science](#)
- [Bachelor of Engineering \(Honours\) - Bachelor of Mathematics](#)
- [Bachelor of Engineering \(Honours\) - Bachelor of Science](#)
- [Bachelor of Engineering \(Honours\) - Bachelor of Science \(Physics\)](#)
- [Bachelor of Engineering \(Honours\) \(Mechanical or Mechatronics\) - Bachelor of Exercise Science](#)
- [Bachelor of Engineering \(Honours\) - Bachelor of Laws](#)

## Compulsory Work Placement / Online Components

This course contains a total of 420 hours over 12 weeks of compulsory work-based placements. This course may also contain compulsory components to be completed online.

## Professional Recognition/Accreditation

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## Other Information

Graduates can apply for entry to the [Master of Engineering](#), [Master of Philosophy](#), [Doctor of Philosophy](#) or [Doctor of Philosophy \(Integrated\)](#). Continual education is a requirement for registration as a professional engineer, and most engineers undertake further study and/or short courses. Research opportunities are also available.

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Engineering (Honours) (Scholar) | 2019

Testamur Title of Degree:	Bachelor of Engineering (Honours) (Scholar)
Abbreviation:	BE(Hons)(Schol)
UOW Course Code:	1858 (Scholar) (for single major) 1859 (Scholar) (for double majors)
CRICOS Code:	083341C (Scholar) (for single major) 083342B (Scholar) (for double majors)
Total Credit Points:	192 (for single major) 240 (for double majors)
Duration:	4 years full-time or part-time equivalent (for single major) 5 years full-time or part-time equivalent (for double majors)
Home Faculty:	Faculty of Engineering and Information Sciences
Intake Session(s):	Autumn/Spring

Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 755601

## Overview

The Bachelor of Engineering (Honours) (Scholar) is designed to provide an enriched education experience, and to encourage high achievers to continue onto studies in masters and postgraduate research degrees.

Benefits include:

- access to the Summer Scholarship program where you get paid as a Research Assistant;
- access to a wider range of subjects;
- \$500 per year study grant.

Double majors provide the knowledge and competencies to practice as a professional engineer in two engineering disciplines. This program is available by transfer only following completion of one year duration at UOW in 48 credit points with a minimum weighted average mark of 80 of the equivalent non scholars degree.

Students need to maintain a weighted average mark of 80 throughout the program.

UOW's Engineering courses are designed to meet the needs of modern engineering. Sound fundamentals in mathematics, science, engineering science and communication lead to advanced studies in one of the branches of engineering offered by the University. A design thread through each of the programs leads to the skills needed for innovation in the competitive industries of the future.

Ongoing concentrated high-quality research has ensured that Engineering at UOW is part of the Go8 - Group of Eight & Associates, the top research faculties in Australia.

As an engineering student at UOW you may be eligible to gain credit for relevant work experience, either in Australia or overseas, by participating in our Professional Options Program. All students undertake practical hands-on experience with industry for 12 weeks prior to the conclusion of their academic studies. After completion of the first year subjects, you can transfer into your chosen discipline of engineering. Majors include: Computer, Civil, Electrical, Mining, Environmental, Materials, Mechanical, Mechatronics and Telecommunications Engineering.

# Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Demonstrate professional knowledge, with a strong grounding in engineering & awareness of current local and international trends and challenges.
2	Navigate disciplinary literature with particular skills in gathering & synthesising information independently to support an argument or strategy.
3	Implement common research methods in the field of engineering, analyse data & evaluate the validity of findings and exercise critical judgement in determining new directions and strategies for carrying out further investigation.
4	Draw from established engineering concepts, methods and industry standards to develop innovative solutions to complex engineering problems by completing a research project relating to the respective engineering major.
5	Communicate clearly and coherently in writing to a range of audiences, with an ability to integrate knowledge, research, data, analysis and critical evaluation.
6	Communicate verbally to a range of audiences using appropriate language in presentations, consultation and negotiation.
7	Work productively as part of a team with the capacity for leadership, recognising the roles, responsibilities and accountabilities of team members.
8	Show respect for the views, values and culture of others in settings involving colleagues, clients, communities and end users, and consider alternate perspectives in design and project management.
9	Make complex considerations in regards to professional ethics and accountability, account for and mitigate risk, and operate with a commitment to professionalism in all work.
10	Appreciate the importance of sustainable engineering design, and seek to maximise positive social and environmental outcomes in engineering



	design, practice and development.
11	Plan and compose an extensive research-based project or piece of scholarship that demonstrates understanding and critical analysis in engineering.

## Course Structure

The normal full-time load for a Bachelor of Engineering (Honours) (Scholar) is 48 credit points per year and, apart from thesis and professional experience subjects, all subjects have a credit point value of six.

The Bachelor of Engineering (Honours) (Scholar) normally takes four years to complete, with double majors and double degrees normally taking five years to complete. All students must take notice of the Course Rules regarding minimum rate of progress.

Scholar students need to achieve a Weighted Average Mark (WAM) of at least 80 each year to maintain a place in the program.

To qualify for award of the degree of Bachelor of Engineering (Honours) (Scholar), a student must complete a total of at least 192 credit points if undertaking a single major or 240 credit points if undertaking a double major, as outlined below:

- a. at least one major, or optional double major, as listed below;
- b. no more than 60 credit points at 100 level;
- c. at least 24 credit points at 300 level;
- d. at least 12 weeks of approved professional experience, documented in the form of employment reports at any stage after completion of 1st year\*; and
- e. a project or thesis on a research or design topic under the supervision of an academic staff member. There are two thesis options:
  1. All Scholar students in the Civil, Environmental, Materials, Mechanical, Mechatronics and Mining Engineering majors program must enrol and complete [ENGG453](#) Thesis B (18 credit points). [ENGG453](#) students are exempt from one six credit point elective.
  2. All Scholar students in the Computer, Electrical or Telecommunications majors must complete:
    - i. [ECTE355](#) Scholars Project (6 credit points); and
    - ii. [ECTE451](#) Engineering Project 1 (6 credit points) and [ECTE458](#) Engineering Project 2 (12 credit points).

The Honours grade will be calculated in accordance with Method 2. Students whose WAM is below 67.5% will receive Honours with no grade.

\* A part-time candidate in approved full-time engineering employment may be exempted from up to three specified subjects in accordance with the provisions of the Professional Options subjects, thereby enabling the joint

course to be completed in a shorter time.

## Single Majors

- [Biomedical Engineering](#)
- [Civil Engineering](#)
- [Computer Engineering](#)
- [Electrical Engineering](#)
- [Environmental Engineering](#)
- [Materials Engineering](#)
- [Mechanical Engineering](#)
- [Mechatronic Engineering](#)
- [Mining Engineering](#)
- [Telecommunications Engineering](#)

## Double Majors

These programs of study usually take five years to complete. Students may apply to transfer to a double major at the end of the first year of study. Study programs are detailed in the pages linked above.

- [Civil/Environmental](#)
- [Civil/Mining](#)
- [Computer/Telecommunications](#)
- [Electrical/Computer](#)
- [Electrical/Telecommunications](#)
- [Mechanical/Materials](#)
- [Mechanical/Mining](#)
- [Mining/Environmental](#)
- [Mining/Materials](#)

## Research Options

Bachelor of Engineering (Honours) (Scholar) students have the option of undertaking research projects with the various Faculty Research Units. Students should discuss proposals with the Head of Students or Discipline Advisor before enrolling in any of the following six credit point elective subjects:

The ENGG subjects are available to students in the Civil, Environmental, Materials, Mechanical, Mechatronic or Mining Engineering majors.

The [ECTE355](#) subject is compulsory for all students in the Bachelor of Engineering (Honours) (Scholar) Computer, Electrical or Telecommunications majors.

Subject Code	Subject Name	Credit Points	Session
<a href="#">ENGG171</a>	Scholars Research	6	Annual,

	Project 1		Autumn, Spring
ENGG255	Professional Option 2	6	Annual, Spring
ENGG371	Scholars Research Project 3	6	Annual, Autumn, Spring
ECTE355	Scholars Project	6	Autumn, Spring
ENGG355	Professional Option 3	6	Annual, Autumn, Spring
ENGG271	Scholars Research Project 2	6	Annual, Autumn, Spring
ENGG455	Professional Option 4	6	Annual, Autumn

## Professional Options

The Faculty encourages the development of engineering skills and knowledge gained in the workplace through Professional Options. Students who work in appropriate industries can enrol in Professional Option subjects and count their industry skills and knowledge toward their degree. This is only available to students in the Civil, Environmental, Materials, Mechanical, Mechatronic and Mining Engineering majors.

Depending on the degree, and subject to approval by the Discipline Advisor, students will be able to take up to three six credit point Professional Option subjects during their course:

Subject Code	Subject Name	Credit Points	Session
ENGG171	Scholars Research Project 1	6	Annual, Autumn, Spring
ENGG255	Professional Option 2	6	Annual, Spring
ENGG371	Scholars Research Project 3	6	Annual, Autumn, Spring
ENGG355	Professional Option 3	6	Annual, Autumn, Spring

<a href="#">ECTE355</a>	Scholars Project	6	Autumn, Spring
<a href="#">ENGG455</a>	Professional Option 4	6	Annual, Autumn, Spring
<a href="#">ENGG271</a>	Scholars Research Project 2	6	Annual, Autumn, Spring
<a href="#">ENGG455</a>	Professional Option 4	6	Annual, Autumn, Spring

## Compulsory Work Placement / Online Components

This course contains a total of 420 hours over 12 weeks of compulsory work-based placements. This course may also contain compulsory components to be completed online.

## Professional Recognition/Accreditation

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UOW is a member of the Group of Eight (Go8) Deans of Engineering and Associates, in recognition of its being among the top Australian engineering faculties. This achievement is a direct result of our world class reputation in teaching and research.

## Other Information

Graduates can apply for entry to the [Master of Engineering](#), [Master of Philosophy](#), [Doctor of Philosophy](#) or [Doctor of Philosophy \(Integrated\)](#). Continual education is a requirement for registration as a professional engineer, and most engineers undertake further study and/or short courses. Research opportunities are also available.

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# 2019 Undergraduate Courses

Home

Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Engineering (Honours) - Bachelor of Arts | 2019

Testamur Title of Degree:	Bachelor of Engineering (Honours) - Bachelor of Arts
Abbreviation:	BE(Hons)-BA
UOW Course Code:	1860
CRICOS Code:	083348G
Total Credit Points:	264
Duration:	5 - 5.5 years full-time or part-time equivalent
Home Faculty:	Faculty of Engineering and Information Sciences
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 751302

## Overview

Double degrees aim to broaden a student's knowledge and skill base and improve career options in competitive, increasingly interactive fields. The programs are designed to enhance a student's educational, academic and professional qualifications whilst minimising the costs of their studies.

The Bachelor of Engineering (Honours) - Bachelor of Arts combines professional engineering skills, including management, communications, teamwork and problem solving, with a major study in humanities. More information regarding double degree course requirements can be found in [UOW's Policy Guidelines](#). Students must seek advice and approval from both Faculties before enrolment.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

The outcomes, which are common and consolidated in this joint degree, ensure that on successful completion of the course students will be able to:

CLO	Description
1	Evaluate complex issues and ideas and exercise critical judgement.
2	Apply disciplinary knowledge in a variety of real-world professional contexts.
3	Communicate concepts effectively to a range of audiences
4	Show respect for the views, values and culture of others in settings involving colleagues, clients, communities and end users, and consider alternate perspectives in the chosen discipline.
5	Make complex considerations in regards to professional ethics and accountability, account for and mitigate risk, and operate with a commitment to professionalism in all work.
6	Seek to maximise positive social and environmental outcomes in practice and development.

Please refer to the [Undergraduate Course Handbook](#) page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

Students enrolled in the Bachelor of Engineering (Honours) - Bachelor of Arts must complete a total of 264 credit points made up of:

1. At least 174 credit points of Engineering subjects, consisting of:
  - a. Bachelor of Engineering (Honours) - Core Subjects
  - b. subjects leading to at least one of the majors\* from the [Bachelor of Engineering \(Honours\)](#)
  - c. at least 12 weeks of approved professional engineering experience during the course\*\*
2. At least 72 credit points from the Bachelor of Arts, consisting of
  - a. [LHA 101](#) Introduction to Arts and the Humanities;
  - b. at least one of the majors\* from the [Bachelor of Arts](#)
  - c. at least one of the minors available within LHA.
3. No more than 90 credit points shall be for 100-level subjects.

\*depending on the major chosen, students may require the completion of additional credit points.

\*\*Part-time students completing a major in Civil, Environmental, Materials, Mechanical, Mechatronic or Mining Engineering, and in an approved full-time engineering employment may be exempted from up to three specified subjects.

Students enrolled in the Bachelor of Arts who satisfy entry requirements may be eligible to apply for the Bachelor of Arts (Honours). See program coordinator for more information.

## Compulsory Work Placement / Online Components

This course contains a total of 420 hours over 12 weeks of compulsory work-based placements. This course may also contain compulsory components to be completed online.

## Professional Recognition/Accreditation

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## Other Information

For further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au)

Last reviewed: 8 November, 2018

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# 2019 Undergraduate Courses

Home

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## Bachelor of Engineering (Honours) - Bachelor of Commerce | 2019

Testamur Title of Degree:	Bachelor of Engineering (Honours) - Bachelor of Commerce
Abbreviation:	BE(Hons)-BCom
UOW Course Code:	1861
CRICOS Code:	083347G
Total Credit Points:	264
Duration:	5 - 5.5 years full-time or part-time equivalent
Home Faculty:	Faculty of Engineering and Information Sciences
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 751601

## Overview

This double degree encompasses the strengths of a major from the Faculty of Business with the various disciplines of engineering. Double degrees aim to broaden a student's knowledge and skill base and improve career options in competitive, increasingly interactive fields. The programs are designed to enhance a student's educational, academic and professional qualifications whilst minimising the costs of their studies. More information regarding double degree course requirements can be found in [UOW's Policy Guidelines](#). Students must seek advice and approval from both Faculties before enrolment.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

The outcomes, which are common and consolidated in this joint degree, ensure that on successful completion of the course students will be able to:

CLO	Description
1	Demonstrate sound disciplinary knowledge.
2	Exercise critical judgement in a professional environment.
3	Communicate effectively to a range of audiences through a range of mediums.
4	Use relevant technology for professional purposes.
5	Work productively and effectively as part of a team.

Please refer to the [Undergraduate Course Handbook](#) page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

Students enrolled in the Bachelor of Engineering (Honours) - Bachelor of Commerce must complete a total of 264 credit points made up of:

1. At least 174 credit points of Engineering subjects, consisting of:
  - a. Bachelor of Engineering (Honours) - Core Subjects;
  - b. Subjects leading to at least one of the majors\* from the [Bachelor of Engineering \(Honours\)](#);
  - c. at least 12 weeks of approved professional engineering experience during the course\*\*;
2. At least 90 credit points of Commerce subjects, consisting of:
  - a. Core subjects
  - b. Subject leading to at least one of the majors\* from the [Bachelor of Commerce](#).
3. No more than 60 credit points shall be for 100-level subjects.

\*depending on the major chosen, students may require the completion of additional credit points.

\*\*Part-time students completing a major in Civil, Environmental, Materials, Mechanical, Mechatronic or Mining Engineering, and in an approved full-time engineering employment may be exempted from up to three specified subjects.

Students enrolled in the Bachelor of Commerce who satisfy entry requirements may be eligible to apply for the Bachelor of Commerce (Honours). See program coordinator for more information.

Where the chosen Business major specifies the completion of [COMM121](#), students are required to substitute this subject for [MATH283](#). Additionally, where [OPS 113](#)\* is included, students are required to substitute this subject for [ENGG100](#) Engineering Computing and Analysis.

\*Note that the chosen major may require the completion of a further Business elective subject to meet minimum credit requirements. See program coordinator for more information

## Compulsory Work Placement / Online Components

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## Professional Recognition/Accreditation

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## Other Information

For further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or [Academic Program Director](#)

Last reviewed: 8 November, 2018

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# 2019 Undergraduate Courses

Home

Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Engineering (Honours) - Bachelor of Computer Science | 2019

Testamur Title of Degree:	Bachelor of Engineering (Honours) - Bachelor of Computer Science
Abbreviation:	BE(Hons)-BCompSc
UOW Course Code:	1862
CRICOS Code:	083349F
Total Credit Points:	264*
Duration:	5-5.5 years full-time or part-time equivalent
Home Faculty:	Faculty of Engineering and Information Sciences
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 751609

## Overview

Due to rapid developments in computer technology and its application to engineering, there is a significant demand for engineers with a much broader knowledge of computer interfacing and programming.

Double degrees aim to broaden a student's knowledge and skill base and improve career options in competitive, increasingly interactive fields. The programs are designed to enhance a student's educational, academic and professional qualifications whilst minimising the costs of their studies. More information regarding double degree course requirements can be found in [UOW's Policy Guidelines](#). Students must seek advice and approval from both Faculties before enrolment.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

The outcomes, which are common and consolidated in this joint degree, ensure that on successful completion of the course students will be able to:

CLO	Description
1	Demonstrate sound disciplinary knowledge;
2	Critically review, analyse and synthesise information
3	Exercise critical thinking and independent problem solving;
4	Implement research methods in the chosen discipline;
5	Communicating clearly and coherently knowledge and ideas to others

Please refer to the [Undergraduate Course Handbook](#) page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

Students enrolled in the Bachelor of Engineering (Honours) - Bachelor of Computer Science must complete a total of 264 credit points made up of:

1. At least 174 credit points of Engineering subjects, consisting of:
  - a. Bachelor of Engineering (Honours) - Core Subjects;
  - b. Subjects leading to at least one of the majors\* from the [Bachelor of Engineering \(Honours\)](#)\*
  - c. at least 12 weeks of approved professional engineering experience during the course.\*\*
  
2. At least 90 credit points of [Computer Science](#) subjects, consisting of:
  - a. Core subjects and 300 level computer science subjects in consultation with Course Advisor. \*\*\*
  
3. No more than 90 credit points shall be for 100-level subjects.

\* Depending on the major chosen, students may require the completion of additional credit points .

\*\* Part-time students completing a major in Civil, Environmental, Materials, Mechanical, Mechatronic or Mining Engineering, and in an approved full-time engineering employment may be exempted from up to three specified subjects.

\*\*\* Depending on the Engineering major, core computer science subjects and computer science elective component will be more or less than is prescribed. Students must seek advice regarding their enrolment.

Students enrolled in the Bachelor of Computer Science who satisfy entry requirements may be eligible to apply for the [Bachelor of Computer Science \(Honours\)](#). See the program coordinator for more information.

All students must discuss their Engineering and Computer Science program with the relevant Academic or Discipline Advisor.

## Compulsory Work Placement / Online Components

This course contains a total of 420 hours over 12 weeks of compulsory work-based placements. This course may also contain compulsory components to be completed online.

## Professional Recognition/Accreditation

UOW's engineering programs are accredited by [Engineers Australia](#) and relevant world engineering bodies through the Washington Accord. This ensures recognition by equivalent professional engineering bodies in the USA, UK, Hong Kong, Japan, New Zealand, Canada, South Africa, Ireland, Korea, Malaysia, Singapore and other countries. The Bachelor of Computer



Science is accredited by the [Australian Computer Society](#).

## Other Information

For further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au)

Last reviewed: 23 October, 2018

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# 2019 Undergraduate Courses

Home

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Engineering (Honours) - Bachelor of Exercise Science | 2019

Testamur Title of Degree:	Bachelor of Engineering (Honours) - Bachelor of Exercise Science
Abbreviation:	BE(Hons)-BExSc
UOW Course Code:	1863
CRICOS Code:	083350B
Total Credit Points:	264
Duration:	5.5 years full-time or part-time equivalent
Home Faculty:	Faculty of Engineering and Information Sciences
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 751625

## Overview

This double degree provides the skills and knowledge of applying engineering techniques to problems in rehabilitation and biomedical technologies. Students gain a unique understanding of both engineering and the anatomical and physiological basis of human motion and biomechanics. Examples include research and design of orthopaedic devices, rehabilitation engineering, development of prostheses such as artificial limbs or electronically controlled wheelchairs, and the development of biomaterials. There are many prescribed subjects in this program - academic advice should be sought.

More information regarding double degree course requirements can be found in [UOW's Policy Guidelines](#). Students must seek advice and approval from both Faculties before enrolment.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

The outcomes, which are common and consolidated in this joint degree, ensure that on successful completion of the course students will be able to:

CLO	Description
1	Demonstrate sound disciplinary knowledge.
2	Critically review, analyse and synthesise information.
3	Exercise critical thinking and independent problem solving.
4	Implement research methods in the chosen discipline.
5	Communicating clearly and coherently knowledge and ideas to others.

Please refer to the [Undergraduate Course Handbook](#) page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

Students must complete 264 credit points in accordance with one of the tables below. Students enrolled in the double degree must choose either the Mechanical, or Mechatronics majors.

- Note that the Bachelor of Exercise Science has 140 hours of compulsory practicum experience, which must be completed over the 5 years of the double degree.

### Bachelor of Engineering (Honours) (Mechanical) - Bachelor of Exercise Science

To qualify for award of the degree, the Bachelor of Engineering (Honours) (Mechanical) - Bachelor of Exercise Science, students must satisfactorily complete 264 credit points in accordance with the table below:

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
ENGG102	Fundamentals of Engineering Mechanics	6	Autumn
ENGG103	Materials in Design	6	Autumn
ENGG105	Engineering Design for Sustainability	6	Autumn
MATH141	Foundations of Engineering Mathematics	6	Autumn, Spring
ENGG100	Engineering Computing and Analysis	6	Spring
ENGG104	Electrical Systems	6	Autumn
PHYS143	Physics For Engineers	6	Spring
MATH142	Essentials of Engineering Mathematics	6	Spring, Summer 2019/2020
<b>Year 2</b>			
MECH203	Mechanical Workshop Practice	0	Autumn

CHEM103	Introductory Chemistry For Engineers	6	Autumn
ENGG251	Mechanics of Solids	6	Autumn
MATH283	Advanced Engineering Mathematics and Statistics	6	Autumn
MEDI100	Human Structure and Function	6	Autumn
MECH201	Engineering Analysis	6	Spring
MECH215	Fundamentals of Mechanical Engineering Design	6	Spring
MECH226	Machine Dynamics	6	Spring
MECH252	Thermodynamics, Experimental Methods and Analysis	6	Spring
MEDI112	Introduction to Anatomy and Physiology II	6	Spring
<b>Year 3</b>			
ENGG252	Engineering Fluid Mechanics	6	Autumn
MECH341	Thermodynamics of Engineering Systems	6	Autumn
MEDI222	Foundations of Biomechanics	6	Autumn
PSYC101	Introduction to Behavioural Science	6	Autumn
BIOL103	Molecules, Cells and Organisms	6	Spring
MECH311	Mechanical Engineering Design	6	Spring

<a href="#">MECH343</a>	Heat Transfer and Aerodynamics	6	Spring
<a href="#">MEDI220</a>	Musculoskeletal Functional Anatomy	6	Spring
<b>Year 4</b>			
<a href="#">MECH321</a>	Dynamics of Engineering Systems	6	Autumn
<a href="#">MECH382</a>	Manufacturing Engineering Principles	6	Autumn
<a href="#">MEDI211</a>	Control Mechanisms Physiology	6	Autumn
<a href="#">MECH419</a>	Finite Element Methods in Engineering	6	Autumn
<a href="#">MECH365</a>	Control of Machines and Processes	6	Spring
<a href="#">MECH372</a>	Solids Handling and Process Engineering	6	Spring
<a href="#">PSYC116</a>	Psychology of Physical Activity and Health	6	Spring
<a href="#">MEDI221</a>	Exercise Physiology	6	Spring
<a href="#">MEDI223</a>	Clinical Biomechanics	6	Not available in 2019
<b>Year 5</b>			
<a href="#">ENGG454</a>	Professional Experience	0	Annual, Autumn, Spring
<a href="#">EXSC330</a>	Exercise Prescription	18	Autumn
<a href="#">MEDI322</a>	Advanced Studies in Exercise Physiology	6	Autumn
<a href="#">ENGG461</a>	Managing Engineering Projects	6	Autumn

MEDI330	Sensorimotor Control of Movement	6	Spring
<b>Complete one of the following two research options:</b>			
ENGG452	Thesis A	12	Annual, Spring 2019/Autumn 2020
ENGG453	Thesis B	18	Annual, Spring 2019/Autumn 2020

## Bachelor of Engineering (Honours) (Mechatronics) - Bachelor of Exercise Science

To qualify for award of the degree, the Bachelor of Engineering (Honours) (Mechatronics) - Bachelor of Exercise Science, students must satisfactorily complete 264 credit points in accordance with the table below:

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
ENGG100	Engineering Computing and Analysis	6	Spring
ENGG102	Fundamentals of Engineering Mechanics	6	Autumn
ENGG103	Materials in Design	6	Autumn
MATH141	Foundations of Engineering Mathematics	6	Autumn, Spring
ENGG104	Electrical Systems	6	Spring
ENGG105	Engineering Design for Sustainability	6	Autumn
MATH142	Essentials of Engineering Mathematics	6	Spring, Summer 2019/2020
PHYS143	Physics For Engineers	6	Spring

<b>Year 2</b>			
MECH203	Mechanical Workshop Practice	0	Autumn
CSCI291	Programming for Engineers	6	Autumn
ECTE233	Digital Hardware	6	Autumn
ENGG251	Mechanics of Solids	6	Autumn
MATH283	Advanced Engineering Mathematics and Statistics	6	Autumn
MEDI100	Human Structure and Function	6	Autumn
ECTE203	Signals and Systems	6	Spring
ECTE212	Electronics	6	Spring
MECH215	Fundamentals of Mechanical Engineering Design	6	Spring
MEDI112	Introduction to Anatomy and Physiology II	6	Spring
<b>Year 3</b>			
ECTE202	Circuits and Systems	6	Autumn
PSYC101	Introduction to Behavioural Science	6	Autumn, Summer 2019/2020
MEDI211	Control Mechanisms Physiology	6	Autumn
MEDI222	Foundations of Biomechanics	6	Autumn
BIOL103	Molecules, Cells and Organisms	6	Spring
MECH226	Machine Dynamics	6	Spring



<a href="#">MECH311</a>	Mechanical Engineering Design	6	Spring
<a href="#">MEDI220</a>	Musculoskeletal Functional Anatomy	6	Spring
<a href="#">MEDI221</a>	Exercise Physiology	6	Spring
<b>Year 4</b>			
<a href="#">ECTE333</a>	Microcontroller Architecture and Applications	6	Annual
<a href="#">ECTE350</a>	Engineering Design and Management 3	6	Annual
<a href="#">ECTE301</a>	Digital Signal Processing	6	Autumn
<a href="#">ECTE324</a>	Power Engineering 1	6	Autumn
<a href="#">ECTE344</a>	Control Theory	6	Spring
<a href="#">MECH252</a>	Thermodynamics, Experimental Methods and Analysis	6	Autumn
<a href="#">PSYC116</a>	Psychology of Physical Activity and Health	6	Spring
<a href="#">MEDI223</a>	Clinical Biomechanics	6	Not available in 2019
<a href="#">MEDI330</a>	Sensorimotor Control of Movement	6	Spring
<b>Year 5</b>			
<a href="#">EXSC330</a>	Exercise Prescription	18	Autumn
<a href="#">MEDI322</a>	Advanced Studies in Exercise Physiology	6	Autumn
<a href="#">MECH382</a>	Manufacturing Engineering Principles	6	Autumn
<a href="#">ENGG461</a>	Managing Engineering	6	Autumn

	Projects		
<a href="#">ENGG252</a>	Engineering Fluid Mechanics	6	Autumn
<a href="#">ECTE471</a>	Robotics and Flexible Automation	6	Spring
<a href="#">ENGG454</a>	Professional Experience	0	Annual, Autumn, Spring
<b>Complete one of the following two research options:</b>			
<a href="#">ENGG452</a>	Thesis A	12	Annual, Spring 2019/Autumn 2020
<a href="#">ENGG453</a>	Thesis B	18	Annual, Spring 2019/Autumn 2020

## Compulsory Work Placement / Online Components

This course contains a total of 560 hours over 26 weeks of compulsory work-based placements. This course may also contain compulsory components to be completed online.

## Professional Recognition/Accreditation

UOW's engineering programs are accredited by [Engineers Australia](#) and relevant world engineering bodies through the Washington Accord. This ensures recognition by equivalent professional engineering bodies in the USA, UK, Hong Kong, Japan, New Zealand, Canada, South Africa, Ireland, Korea, Malaysia, Singapore and other countries.

UOW is a member of the Group of Eight (Go8) Deans of Engineering and Associates, in recognition of its being among the top Australian engineering faculties. This achievement is a direct result of our world class reputation in teaching and research.

## Other Information

For further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or [Academic Program](#)

## Director

Last reviewed: 8 November, 2018

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Engineering (Honours) - Bachelor of Laws | 2019

Testamur Title of Degree:	Bachelor of Engineering (Honours) - Bachelor of Laws
Abbreviation:	BE(Hons) - LLB
UOW Course Code:	1896
CRICOS Code:	094222G
Total Credit Points:	336*
Duration:	6 years full-time or **part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn / Spring#
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 751208

\* This is a minimum figure and may vary depending on the major.

\*\*Students interested in studying this degree part-time should consult with the Law Head of Students by contacting [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au).

#Students commencing in Spring will undertake their first session in the Bachelor of Engineering (Honours), before completing their first year of Law in their second year of enrolment.

## Overview

A Bachelor of Engineering (Honours) - Bachelor of Laws from UOW equips you with a comprehensive legal education: a world-class degree that provides a thorough grounding in the law, as well as a real-world focus on the essential practical skills and the social and ethical context in which the law operates.

Combining Law with Engineering allows you to gain specialised knowledge in a growing global industry and learn how law functions within a social context opening up a range of career opportunities. The engineering and legal industries enjoy an interesting and complex relationship. This double degree creates uniquely capable, practical-minded and adaptable graduates with international possibilities.

We believe that practical experience is a vital part of your legal training. We are the only law school in New South Wales that requires you to complete a legal internship, providing highly valued industry experience. We are committed to social justice and providing a legal education that engages with the complexities of law's intersection with society.

This double degree delivers a practical and contextual legal education that prepares graduates not only for traditional careers in the legal profession but also for a wide range of careers in government, business and community organisations – as leaders, innovators and problem solvers.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

The outcomes, which are common and consolidated in this joint degree,

ensure that on successful completion of the course students will be able to:

CLO	Description
1	Demonstrate sound disciplinary knowledge and awareness of how this relates to Australian and international contexts;
2	Apply critical analysis to generate disciplinary responses;
3	Investigate, evaluate and interpret research sources to produce independent responses;
4	Apply relevant skills and knowledge to produce original responses to disciplinary work;
5	Communicate effectively to professionals and other stakeholders.

Please refer to the [Course Handbook](#) page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

To qualify for award of the degree, the Bachelor of Engineering (Honours) - Bachelor of Laws, a candidate must successfully complete a minimum 336 credit points, comprised of:

1. All compulsory Law subjects as set out in the schedule below (114 credit points);
2. 30 credit points of electives from the [Bachelor of Laws \(Graduate Entry\)](#) elective list;
3. Engineering component consisting of a major study comprising a minimum of 174 credit points as prescribed by the [Bachelor of Engineering \(Honours\)](#).

Note: All students should discuss their Engineering program with the relevant [Course Coordinator](#).

Subject Code	Subject Name	Credit Points
<b>Year 1</b>		
<a href="#">LLB1100</a>	Foundations of Law	6
<a href="#">LLB1115</a>	Legal Skills	6
<a href="#">LLB1120</a>	Law of Contract A	6
<a href="#">LLB1130</a>	Criminal Law and Procedure A	6
<a href="#">LLB1160</a>	Interpreting the Law	6

<a href="#">LLB1170</a>	Law of Contract B	6
<a href="#">LLB1180</a>	Criminal Law and Procedure B	6
<a href="#">LLB1197</a>	Legal Ethics & Professional Responsibility	6
<b>Year 2</b>		
<a href="#">LLB2220</a>	Property Law	6
<a href="#">LLB2230</a>	Administrative Law	6
<a href="#">LLB2270</a>	Equity and Trusts	6
<a href="#">LLB2280</a>	Constitutional Law	6
Subjects from the Bachelor of Engineering (Honours) Schedule		
<b>Year 3</b>		
<a href="#">LLB2225</a>	Advanced Legal Skills	6
<a href="#">LLB2240</a>	Law of Torts	6
<a href="#">LLB2290</a>	Jurisprudence	6
<a href="#">LLB3397</a>	Legal Internship	3
1 LLB Elective		
Subjects from the Bachelor of Engineering (Honours) Schedule		
<b>Year 4</b>		
<a href="#">LLB3300</a>	Remedies and Civil Procedure	6
<a href="#">LLB3301</a>	Evidence	6
<a href="#">LLB3302</a>	Law of Business Organisations	6
1 LLB Elective		
Subjects from the Bachelor of Engineering (Honours) Schedule		
<b>Year 5</b>		
3 LLB Electives		

LLB3399	Law, Justice and Professional Practice	3
Subjects from the Bachelor of Engineering (Honours) Schedule		

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Majors

Students will complete one major study in the [Bachelor of Engineering \(Honours\)](#) degree.

## Compulsory Work Placement / Online Components

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

Law students will complete a Legal Internship subject (LLB3397). This subject is the vehicle for a practical placement designed to expose students to the application of the law in practice; enable students to understand the importance of developing the skills of legal research; communication, drafting, practice management and problem solving; and enable students to observe and reflect upon the values, ethical standards and conduct of the legal profession in practice. This compulsory component is comprised of 140 hours over 4 weeks of work-based placement.

As part of the Engineering degree, students will also complete a period of professional experience within an industry related to their major. This compulsory component is comprised of 420 hours over 12 weeks of work-based placement.

In total students complete 560 hours of work-based placement over 16 weeks.

## Professional Recognition / Accreditation

### Laws

The UOW Bachelor of Laws (single LLB or in combination with another degree) is accredited by the Legal Profession Admission Board (LPAB) as satisfying the academic requirements necessary for admission to the Australian legal profession. On completion of the Bachelor of Laws, a student



who wishes to practise as a barrister or solicitor must also undertake some form of professional practical training, the requirements for which vary between each state and territory of Australia.

In New South Wales, a student who intends to qualify for admission to practice is required to undertake a practical legal training (PLT) course accredited by the LPAB, followed by or incorporating a period of practical experience in a law-related setting. Practical experience gained by students in [LLB3397 Legal Internship](#) may be counted towards this practical experience requirement. Graduates should check with their PLT provider. A list of LPAB accredited PLT courses can be found on the [LPAB website](#).

Students who intend to practise as solicitors after admission will be subject to a period of restricted practice and the mandatory continuing legal education requirements. Further information is available from the [Law Society of New South Wales](#). Students who intend to practise as barristers after admission will be required to read with a senior barrister for a period of time and to undertake the Bar Readers' Course and Bar Examination before being qualified to take briefs on their own account. Further information is available from the [New South Wales Bar Association](#).

## Engineering

UOW's engineering programs are accredited by [Engineers Australia](#) and relevant world engineering bodies through the Washington Accord. This ensures recognition by equivalent professional engineering bodies in the USA, UK, Hong Kong, Japan, New Zealand, Canada, South Africa, Ireland, Korea, Malaysia, Singapore and other countries.

## Other Information

Further information is available via email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au) or [eis@uow.edu.au](mailto:eis@uow.edu.au)

Last reviewed: 6 February, 2019

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# 2019 Undergraduate Courses

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Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Engineering (Honours) - Bachelor of Mathematics | 2019

Testamur Title of Degree:	Bachelor of Engineering (Honours) - Bachelor of Mathematics
Abbreviation:	BE(Hons)-BMath
UOW Course Code:	1865
CRICOS Code:	083344M
Total Credit Points:	264
Duration:	5.5 years full-time or part-time equivalent
Home Faculty:	Faculty of Engineering and Information Sciences
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 751610

## Overview

The Bachelor of Engineering (Honours) - Bachelor of Mathematics combines professional engineering skills, including management, communications, teamwork and problem solving, with a major study in mathematics.

Double degrees aim to broaden a student's knowledge and skill base and improve career options in competitive, increasingly interactive fields. The programs are designed to enhance a student's educational, academic and professional qualifications whilst minimising the costs of their studies. More information regarding double degree course requirements can be found in UOW's Policy Guidelines. Students must seek advice and approval from both Faculties before enrolment.

## Entry Requirements & Credit Arrangements

Academic requirements and English requirements are available from the [Course Finder](#).

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

The outcomes, which are common and consolidated in this joint degree, ensure that on successful completion of the course students will be able to:

CLO	Description
1	Demonstrate knowledge and understanding in related discipline.
2	Communicate concepts effectively to a range of audiences.
3	Investigate and solve problems drawing on disciplinary knowledge.
4	Apply professional standards.

Please refer to the [2019 Undergraduate Course Handbook](#) page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

Students enrolled in the Bachelor of Engineering (Honours) - Bachelor of Mathematics must complete a total of 264 credit points made up of:

1. At least 174 credit points of Engineering subjects consisting of:
  - a. Bachelor of Engineering (Honours) - Core Subjects;
  - b. Subjects leading to at least one of the majors\* from the [Bachelor of Engineering \(Honours\)](#);
  - c. at least 12 weeks of approved professional engineering experience during the course\*\*;
  - d. students are not to complete [MATH141](#), [MATH142](#), and [MATH283](#) as students will complete equivalent content in the Mathematics component.
2. At least 90 credit points of [Mathematics](#) subjects, consisting of 60 credit points of core subjects (excluding [MATH100](#) and CSIT110), one of [MATH212](#), [MATH222](#), [STAT201](#), and 30 credit points of 300- and/or 400- level subjects from the Mathematics schedule.
3. No more than 90 credit points of 100- level subjects.

\* Depending on the major chosen, students may require the completion of additional credit points

\*\* Part-time students completing a major in Civil, Environmental, Materials, Mechanical, Mechatronic or Mining Engineering, and in an approved full-time engineering employment may be exempted from up to three specified subjects.

All students must discuss the Engineering subjects with the relevant Academic Program Director

## Compulsory Work Placement / Online Components

This course contains a total of 420 hours over 12 weeks of compulsory work-based placements. This course may also contain compulsory components to be completed online.

## Professional Recognition/Accreditation

UOW's engineering programs are accredited by [Engineers Australia](#) and relevant world engineering bodies through the Washington Accord. This ensures recognition by equivalent professional engineering bodies in the USA, UK, Hong Kong, Japan, New Zealand, Canada, South Africa, Ireland, Korea, Malaysia, Singapore and other countries.

UOW is a member of the Group of Eight (Go8) Deans of Engineering and Associates, in recognition of its being among the top Australian engineering faculties. This achievement is a direct result of a world class reputation in teaching and research.

## Other Information

Further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or the [Academic Program](#)

## Director

Last reviewed: 8 November, 2018

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Engineering (Honours) - Bachelor of Science Options | 2019

The University of Wollongong offers different options for students wishing to study a Bachelor of Engineering (Honours) - Bachelor of Science double degree.

### Faculty of Engineering and Information Sciences

#### **Bachelor of Engineering (Honours) - Bachelor of Science**

For students wishing to study Engineering with additional broad specialisations from the Faculty of Science, Medicine and Health.  
Course Code: 1867

#### **Bachelor of Engineering (Honours) - Bachelor of Science (Physics)**

For students wishing to study Engineering with Physics from the Faculty of Engineering and Information Systems.  
Course Code: 1866

Last reviewed: 24 April, 2018

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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Engineering (Honours) - Bachelor of Science (Physics) | 2019

Testamur Title of Degree:	Bachelor of Engineering (Honours) - Bachelor of Science
Abbreviation:	BE(Hons)-BSc
UOW Course Code:	1866
CRICOS Code:	083343A
Total Credit Points:	264
Duration:	5-5.5 years full-time or part-time equivalent
Home Faculty:	Faculty of Engineering and Information Sciences
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 751623

## Overview

The Bachelor of Engineering (Honours) - Bachelor of Science (Physics) combines professional engineering skills, including management, communications, teamwork and problem solving, with a major study in Physics.

Double degrees aim to broaden a student's knowledge and skill base and improve career options in competitive, increasingly interactive fields. The programs are designed to enhance a student's educational, academic and professional qualifications whilst minimising the costs of their studies. More information regarding double degree course requirements can be found in [UOW's Policy Guidelines](#). Students must seek advice and approval from both Faculties before enrolment.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

The outcomes, which are common and consolidated in this joint degree, ensure that on successful completion of the course students will be able to:

CLO	Description
1	Identify and demonstrate sound disciplinary knowledge.
2	Implement research principles and methods to solve problems in the chosen discipline
3	Gather and synthesise information and to address specific themes and issues in the chosen discipline.
4	Communicate effectively to a range of audiences through a range of mediums

Please refer to the [Undergraduate Course Handbook](#) page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

Students enrolled in the Bachelor of Engineering (Honours) - Bachelor of Science (Physics) must complete a total of 264 credit points made up of:

1. At least 174 credit points of Engineering subjects, consisting of:
  - a. Bachelor of Engineering (Honours) - Core Subjects;
  - b. Subjects leading to at least one of the majors\* from the Bachelor of Engineering (Honours):
  - c. at least 12 weeks of approved professional engineering experience during the course\*\*
  - d. Students are not to complete [MATH141](#) and [MATH142](#) as students will complete [MATH187](#) and [MATH188](#) in the Mathematics component
2. At least 90 credit points of Physics subjects, consisting of
  - a. Core subjects and subject leading to at least one major\* from the Bachelor of Science.
3. No more than 60 credit points shall be for 100-level subjects.

\* Depending on the major chosen, students may require the completion of additional credit points.

\*\* Part-time students completing a major in Civil, Environmental, Materials, Mechanical, Mechatronic or Mining Engineering, and in an approved full-time engineering employment may be exempted from up to three specified subjects.

Students enrolled in the Bachelor of Science who satisfy entry requirements may be eligible to apply for the Bachelor of Science (Honours) (Physics). See program coordinator for more information.

All students must discuss their Engineering and Mathematics program with the relevant Discipline Advisor.

## Compulsory Work Placement / Online Components

This course contains a total of 420 hours over 12 weeks of compulsory work-based placements. This course may also contain compulsory components to be completed online.

## Professional Recognition/Accreditation

UOW's engineering programs are accredited by [Engineers Australia](#) and relevant world engineering bodies through the Washington Accord. This ensures recognition by equivalent professional engineering bodies in the USA, UK, Hong Kong, Japan, New Zealand, Canada, South Africa, Ireland,

Korea, Malaysia, Singapore and other countries.

UOW is a member of the Group of Eight (Go8) Deans of Engineering and Associates, in recognition of its being among the top Australian engineering faculties. This achievement is a direct result of our world class reputation in teaching and research.

## Other Information

For further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or [Academic Program Director](#)

Last reviewed: 8 November, 2018

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# 2019 Undergraduate Courses

Home

Students are to follow the requirements of the **Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Environmental Science (Honours) | 2019

Testamur Title of Degree:	Bachelor of Environmental Science (Honours)
Abbreviation:	BEnvSc(Hons)
UOW Course Code:	1880
CRICOS Code:	085261J
Total Credit Points:	192
Duration:	4 years full-time or part-time equivalent
Home Faculty:	Faculty of Science, Medicine and Health
Intake Session(s):	Autumn
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 757612

## Overview

Environmental Science is the study of the interaction of the living and non-living elements of the environment and how humans impact on these elements. Environmental scientists assess, research and manage resources, together with a wide range of environmental issues.

The Bachelor of Environmental Science (Honours) degree integrates material from a wide variety of disciplines relevant to the environment and its management - these include engineering, management, law, science and technology studies and philosophy. You will be equipped to understand the ethical, social, economic and political aspects of environmental issues as well as to be able to work with engineers, lawyers and other professionals.

In the first and second years of the degree you will learn the basic "building blocks" of science in the form of introductory biology, chemistry, geography, geology and physics, as well as incorporating the 'language' of science through introductory mathematics and statistics.

In the third and fourth years, you will specialise in one of the following four majors:

- Earth Sciences
- Environmental Chemistry
- Land Resources
- Life Sciences

An Honours research report with an external organisation is a major component of the fourth year.

Those who do not qualify for direct entry to the degree may gain admission via the Bachelor of Science, subject to satisfactory performance in the first year and approval of the Course Co-ordinator and the Head of Students.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
-----	-------------

1	Demonstrate broad and coherent knowledge and understanding of the trends, processes and impacts that shape the Earth and its environment including local, national, global, cultural, Indigenous and spatial perspectives.
2	Critically evaluate information and data to assess scientific methods and frameworks in the environmental sciences and environmental management.
3	Develop hypotheses and experiments to test against evidence-based scientific facts, laws, principles and evidence.
4	Identify and articulate real world problems derived from the environmental sciences and environmental management.
5	Apply knowledge and appropriate techniques, including those associated with fieldwork, to evaluate possible solutions to real world problems and defend choice of solution against alternatives.
6	Locate, synthesise and evaluate data, information, results and literature pertaining to the environmental sciences using appropriate methods, measurements, tools and technologies to produce an applied research project in a specific area of environmental sciences and/or environmental management.
7	Communicate environmental science perspectives and knowledge effectively to a range of audiences using appropriate technologies and communication skills
8	Demonstrate ethical, professional, public and personal conduct and capacity to reflect on and direct own learning and practice and participate constructively in decision-making within the context of environmental sciences and environmental management.

## Course Structure

To qualify for award of the degree, the Bachelor of Environmental Science (Honours), a candidate must accrue an aggregate of at least 192 credit points, as set out below.

### PLEASE NOTE:

- Students who have not completed HSC Mathematics at Band 4 or higher (or equivalent) are required to complete a mathematics subject (MATH151 or equivalent) normally in the first year. If required, this subject is in addition to the 192 credit points required for this degree.
- Students may only count 60 credit points of 100-level subjects towards the degree.
- Students must have a grade of Pass (not Pass Supplementary) or higher in 300-level core subjects.

### Progression Requirements

Satisfactory performance must be achieved [normally a Weighted Average Mark (WAM) of 70% or greater in [EESC320](#) plus 3 strand/discipline related

300-level subjects] for entry into the fourth year of the Bachelor of Environmental Science (Honours) course. Students with a WAM below 70% in the relevant 300-level subjects may only progress into the fourth year of the Bachelor of Environmental Science (Honours) with the approval of the Environmental Science Coordinator.

Students who do not gain entry into the fourth year of the Bachelor of Environmental Science (Honours) course will normally be required to transfer into the Bachelor of Science (Environment) course.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn</b>			
BIOL104	Evolution, Biodiversity and Environment	6	Autumn
EESC101	Planet Earth	6	Autumn
EESC103	Earth's Dynamic Surface	6	Autumn
<b>Please select ONE subject from the following list:</b>			
<b>Note: Students who have achieved a mark of 65% or more in NSW HSC Chemistry or equivalent must select CHEM101 and CHEM102. All other students must select CHEM105.</b>			
CHEM101	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
CHEM104	Foundation Chemistry: Properties of Matter	6	Autumn
<b>Spring</b>			
BIOL103	Molecules, Cells and Organisms	6	Spring
EESC102	Earth's Interconnected Spheres	6	Spring
EESC105	Introductory Geospatial Analysis	6	Autumn, Spring



<b>Please select ONE subject from the following list:</b>			
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
CHEM105	Foundation Chemistry: Reactions and Structures	6	Spring
<b>Summer</b>			
<b>Students who wish to complete the Environmental Chemistry strand in Third Year and are enrolling in CHEM105, must also enrol in CHEM106.</b>			
CHEM106	Foundation Chemistry: Properties and Reactivity of Matter	6	Summer 2019/2020
<b>Year 2</b>			
<b>Autumn</b>			
BIOL251	Principles of Ecology	6	Autumn
PHYS233	Introduction to Environmental Physics	6	Autumn
EESC207	Advanced Geospatial Analysis	6	Autumn, Spring
<b>Select ONE subject from the following list:</b>			
<b>For students wishing to take the Life Sciences strand in Year 3;</b>			
BIOL105	Functional Biology of Animals and Plants	6	Autumn
<b>For students wishing to take the Earth Sciences, Environmental Chemistry or Land Resources strands in Year 3;</b>			
EESC203	Biogeography and Environmental Change	6	Autumn
<b>Spring</b>			
CHEM214	Analytical and	6	Spring

	Environmental Chemistry		
<a href="#">EESC202</a>	Shaping Earth's Surface	6	Spring
<a href="#">PHIL256</a>	Environmental Philosophy: Animals, Nature and Ethics	6	Spring
<a href="#">STAT252</a>	Statistics For the Natural Sciences	6	Spring
<b>Year 3</b>			
<b>Please select ONE of the following four majors:</b>			
<b>Land Resources</b>			
<a href="#">EESC320</a>	Capstone:Earth and Environmental Sciences	6	Spring
<a href="#">EESC323</a>	Fluvial Geomorphology and Sedimentology	6	Autumn
<a href="#">STS 302</a>	Climate Change Policy, Possible Futures	6	Autumn
<a href="#">GEOG222</a>	Society and Environment: Resources, Challenges, Futures	6	Spring
<a href="#">EESC322</a>	Coastal Environments: Process and Management	6	Spring
<a href="#">LAW 381</a>	Law for Environmental Managers	6	Spring
<b>Plus TWO subjects from the following list:</b>			
<a href="#">EESC209</a>	G-cubed: Geochemistry, Geochronology, Geophysics	6	Spring
<a href="#">EESC331</a>	Changing Global Environments	6	Spring

<a href="#">EESC332</a>	Sedimentology, Stratigraphy and Palaeoenvironments	6	Autumn
<a href="#">GEOG337</a>	Environmental and Heritage Management	6	Spring
<b>Earth Sciences</b>			
<a href="#">EESC320</a>	Capstone:Earth and Environmental Sciences	6	Spring
<a href="#">EESC201</a>	Earth's Inferno	6	Autumn
<a href="#">EESC321</a>	Plate Tectonics, Macrotopography and Earth History	6	Autumn
<a href="#">STS 302</a>	Climate Change Policy, Possible Futures	6	Autumn
<a href="#">LAW 381</a>	Law for Environmental Managers	6	Spring
<a href="#">EESC326</a>	Resources and Environments	6	Spring
<a href="#">EESC250</a>	Field Geology	6	Summer 2019/2020
<b>Plus ONE subject from the following list:</b>			
<a href="#">EESC209</a>	G-cubed: Geochemistry, Geochronology, Geophysics	6	Spring
<a href="#">EESC332</a>	Sedimentology, Stratigraphy and Palaeoenvironments	6	Autumn
<b>Life Sciences</b>			
<a href="#">EESC320</a>	Capstone:Earth and Environmental Sciences	6	Spring
<a href="#">BIOL240</a>	Biodiversity of Marine and Freshwater	6	Autumn

	Organisms		
<a href="#">BIOL361</a>	Conservation Biology	6	Autumn
<a href="#">STS 302</a>	Climate Change Policy, Possible Futures	6	Autumn
<a href="#">BIOL252</a>	Evolution and Behaviour	6	Spring
<a href="#">BIOL241</a>	Biodiversity of Terrestrial Organisms	6	Spring
<a href="#">BIOL365</a>	Marine and Terrestrial Ecology	6	Spring
<a href="#">LAW 381</a>	Law for Environmental Managers	6	Spring
<b>Environmental Chemistry</b>			
<a href="#">EESC320</a>	Capstone:Earth and Environmental Sciences	6	Spring
<a href="#">CHEM211</a>	Inorganic Chemistry II	6	Autumn
<a href="#">CHEM212</a>	Organic Chemistry II	6	Autumn
<a href="#">CHEM337</a>	Environmental Chemistry	6	Autumn
<a href="#">STS 302</a>	Climate Change Policy, Possible Futures	6	Autumn
<a href="#">CHEM213</a>	Molecular Structure, Reactivity and Change	6	Spring
<a href="#">LAW 381</a>	Law for Environmental Managers	6	Spring
<b>Plus ONE subject from the following list:</b>			
<a href="#">CHEM370</a>	Modern Inorganic and Bio-inorganic Chemistry	6	Spring
<a href="#">CHEM360</a>	Organic Synthesis III	6	Spring
<b>Year 4</b>			

<a href="#">ENVI402</a>	Research Report	36	Annual, Autumn, Spring. First offered in 2019
<a href="#">ENVE383</a>	Environmental Engineering	6	Autumn
<a href="#">MGNT208</a>	Introduction to Management for Professionals A	6	Autumn

Please click the subject codes in the above table for information on sessions of offer for each subject at different locations. For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Honours

The degree of Bachelor of Environmental Science (Honours) is awarded for performance in third and fourth year subjects, based on a Weighted Average Mark (WAM) formula in accordance with Method 3 in the [General Course Rules Section 8](#).

## Professional Recognition/Accreditation

Graduates are eligible for full membership of the Environment Institute of Australia & New Zealand and other relevant professional bodies depending on their disciplinary orientation.

## Other Information

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Environmental Science (Honours) (Dean's Scholar) | 2019

Testamur Title of Degree:	Bachelor of Environmental Science (Honours) (Dean's Scholar)
Abbreviation:	BEnvSc(Hons)(Dean'sSchol)
UOW Course Code:	1703
CRICOS Code:	092065K
Total Credit Points:	192
Duration:	4 years full-time or part time equivalent
Home Faculty:	Faculty of Science, Medicine and Health
Intake Sessions:	Autumn
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus/UAC Code:	Wollongong/757618

## Overview

The Bachelor of Environmental Science (Honours) (Deans Scholar) is designed specifically for high-achieving students interested in a challenging degree leading to a career in scientific research.

Students who are eligible for this degree fulfill all the same requirements as Bachelor of Environmental Science candidates, but are also eligible for additional benefits and challenges.

All are invited to participate in various enrichment activities throughout the program and, after the first year, to develop a close association with an appropriate member of one of the Faculty's research teams.

Deans Scholar students have the opportunity to undertake individual research subjects. Students are normally required to achieve at least a Distinction average in subjects completed in a calendar year.

In the final year, all students undertake a substantial piece of supervised research in their major discipline, together with other required seminar and/or course work.

Graduates may then be eligible for direct enrolment into a research doctorate in their chosen field or into other postgraduate degrees.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Demonstrate broad and coherent knowledge and understanding of the trends, processes and impacts that shape the Earth and its environment including local, national, global, cultural, Indigenous and spatial perspectives.
2	Critically evaluate information and data to assess scientific methods and frameworks in the environmental sciences and environmental management.
3	Develop hypotheses and experiments to test against evidence-based scientific facts, laws, principles and evidence.



4	Identify and articulate real world problems derived from the environmental sciences and environmental management.
5	Apply knowledge and appropriate techniques, including those associated with fieldwork, to evaluate possible solutions to real world problems and defend choice of solution against alternatives.
6	Locate, synthesise and evaluate data, information, results and literature pertaining to the environmental sciences using appropriate methods, measurements, tools and technologies to produce an applied research project in a specific area of environmental sciences and/or environmental management.
7	Communicate environmental science perspectives and knowledge effectively to a range of audiences using appropriate technologies and communication skills
8	Demonstrate ethical, professional, public and personal conduct and capacity to reflect on and direct own learning and practice and participate constructively in decision-making within the context of environmental sciences and environmental management.
9	Apply knowledge of research principles and research skills in a variety of research contexts.

## Course Structure

To qualify for award of the degree, the Bachelor of Environmental Science (Honours) (Dean's Scholar), a candidate must accrue an aggregate of at least 192 credit points, as set out below.

### Please note:

- Students who have not completed HSC Mathematics at Band 4 or higher (or equivalent) are required to complete a mathematics subject (MATH151 or equivalent) normally in the first year. If required, this subject is in addition to the 192 credit points required for this degree.
- Students may only count 60 credit points of 100-level subjects towards the degree.
- Students must complete a minimum of 24 credit points of 300-level subjects.
- Students must have a grade of Pass (not Pass Supplementary) or higher in at least 24 credit points of 300-level core subjects.

### Progression Requirements

To maintain a place in an Advanced degree, students are normally required to achieve a Weighted Average Mark (WAM) of at least 75% in the 200 and 300 level subjects completed. The performance of each student will be reviewed initially by the Faculty after the completion of 72 credit points. Students not meeting the minimum progression requirements will be required to transfer into the Bachelor of Environmental Science or Bachelor of Science degree.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn</b>			
BIOL104	Evolution, Biodiversity and Environment	6	Autumn
EESC101	Planet Earth	6	Autumn
EESC103	Earth's Dynamic Surface	6	Autumn
<b>Please select ONE subject from the following list:</b>			
<b>Note: Students who have achieved a mark of 65% or more in NSW HSC Chemistry or equivalent must select CHEM101 and CHEM102. All other students must select CHEM104 and CHEM105.</b>			
CHEM101	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
CHEM104	Foundation Chemistry: Properties of Matter	6	Autumn
<b>Spring</b>			
BIOL103	Molecules, Cells and Organisms	6	Spring
EESC102	Earth's Interconnected Spheres	6	Spring
EESC105	Introductory Geospatial Analysis	6	Autumn, Spring
<b>Please select ONE subject from the following list:</b>			
<b>Note: Students who have achieved a mark of 65% or more in NSW HSC Chemistry or equivalent must select CHEM101 and CHEM102. All other students must select CHEM104 and CHEM105</b>			

CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
CHEM105	Foundation Chemistry: Reactions and Structures	6	Spring
<b>Summer</b>			
<b>Students who wish to complete the Environmental Chemistry major in Third Year and are enrolling in CHEM104 and CHEM105, must also enrol in CHEM106.</b>			
CHEM106	Foundation Chemistry: Properties and Reactivity of Matter	6	Summer 2019/2020
<b>Year 2</b>			
<b>Autumn</b>			
BIOL251	Principles of Ecology	6	Autumn
PHYS233	Introduction to Environmental Physics	6	Autumn
EESC207	Advanced Geospatial Analysis	6	Autumn, Spring
<b>Please select ONE subject from the following list:</b>			
<b>For students wishing to take the Life Sciences Major in 3rd year</b>			
BIOL105	Functional Biology of Animals and Plants	6	Autumn
<b>For students wishing to take Earth Sciences, Environmental Chemistry or Land Resources majors in Year 3</b>			
EESC203	Biogeography and Environmental Change	6	Autumn
<b>Spring</b>			
CHEM214	Analytical and	6	Spring

	Environmental Chemistry		
<a href="#">EESC202</a>	Shaping Earth's Surface	6	Spring
<a href="#">PHIL256</a>	Environmental Philosophy: Animals, Nature and Ethics	6	Spring
<a href="#">STAT252</a>	Statistics For the Natural Sciences	6	Spring
<b>Year 3</b>			
<b>Please select ONE of the following four majors</b>			
<b>Land Resources</b>			
<a href="#">EESC320</a>	Capstone:Earth and Environmental Sciences	6	Spring
<a href="#">EESC323</a>	Fluvial Geomorphology and Sedimentology	6	Autumn
<a href="#">STS 302</a>	Climate Change Policy, Possible Futures	6	Autumn
<a href="#">GEOG222</a>	Society and Environment: Resources, Challenges, Futures	6	Spring
<a href="#">EESC322</a>	Coastal Environments: Process and Management	6	Spring
<a href="#">LAW 381</a>	Law for Environmental Managers	6	Spring
<b>Plus TWO subjects from the following list:</b>			
<a href="#">EESC209</a>	G-cubed: Geochemistry, Geochronology, Geophysics	6	Spring
<a href="#">EESC331</a>	Changing Global Environments	6	Spring

<a href="#">EESC332</a>	Sedimentology, Stratigraphy and Palaeoenvironments	6	Autumn
<a href="#">GEOG337</a>	Environmental and Heritage Management	6	Spring
<b>Earth Sciences</b>			
<a href="#">EESC320</a>	Capstone:Earth and Environmental Sciences	6	Spring
<a href="#">EESC201</a>	Earth's Inferno	6	Autumn
<a href="#">EESC321</a>	Plate Tectonics, Macrotopography and Earth History	6	Autumn
<a href="#">STS 302</a>	Climate Change Policy, Possible Futures	6	Autumn
<a href="#">LAW 381</a>	Law for Environmental Managers	6	Spring
<a href="#">EESC326</a>	Resources and Environments	6	Spring
<a href="#">EESC250</a>	Field Geology	6	Summer 2019/2020
<b>Plus ONE subject from the following list:</b>			
<a href="#">EESC209</a>	G-cubed: Geochemistry, Geochronology, Geophysics	6	Spring
<a href="#">EESC332</a>	Sedimentology, Stratigraphy and Palaeoenvironments	6	Autumn
<b>Life Sciences</b>			
<a href="#">EESC320</a>	Capstone:Earth and Environmental Sciences	6	Spring
<a href="#">BIOL240</a>	Biodiversity of Marine and Freshwater	6	Autumn

	Organisms		
BIOL361	Conservation Biology	6	Autumn
STS 302	Climate Change Policy, Possible Futures	6	Autumn
BIOL252	Evolution and Behaviour	6	Spring
BIOL241	Biodiversity of Terrestrial Organisms	6	Spring
BIOL365	Marine and Terrestrial Ecology	6	Spring
LAW 381	Law for Environmental Managers	6	Spring
<b>Environmental Chemistry</b>			
EESC320	Capstone:Earth and Environmental Sciences	6	Spring
CHEM211	Inorganic Chemistry II	6	Autumn
CHEM212	Organic Chemistry II	6	Autumn
CHEM337	Environmental Chemistry	6	Autumn
STS 302	Climate Change Policy, Possible Futures	6	Autumn
CHEM213	Molecular Structure, Reactivity and Change	6	Spring
LAW 381	Law for Environmental Managers	6	Spring
<b>Plus ONE subject from the following list:</b>			
CHEM370	Modern Inorganic and Bio-inorganic Chemistry	6	Spring
CHEM360	Organic Synthesis III	6	Spring
<b>Year 4</b>			

<a href="#">ENVI402</a>	Research Report	36	Annual, Autumn, Spring. First offered in 2019
<a href="#">ENVE383</a>	Environmental Engineering	6	Autumn
<a href="#">MGNT208</a>	Introduction to Management for Professionals A	6	Autumn

Please click the subject codes in the above table for information on sessions of offer for each subject at different locations. For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Honours

The degrees of Bachelor of Environmental Science (Honours) (Deans Scholar) are awarded for performance in third and fourth year subjects, based on a Weighted Average Mark (WAM) formula in accordance with Method 3 in the [General Course Rules Section 8](#).

## Professional Recognition / Accreditation

Graduates are eligible for full membership of the Environment Institute of Australia & New Zealand and other relevant professional bodies depending on their disciplinary orientation.

## Other Information

For further information please email [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Exercise Science | 2019

Testamur Title of Degree:	Bachelor of Exercise Science
Abbreviation:	BExSc
UOW Course Code:	1868
CRICOS Code:	083033D
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Science, Medicine and Health
Intake Session(s):	Autumn
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 757642

## Overview

Exercise Scientists are trained to utilise exercise as a preventative intervention and maintenance tool to improve health and achieve positive measurable health outcomes, using both aerobic and strength/conditioning forms of exercise.

The Bachelor of Exercise Science 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 effects exercise and training have on disease and injury prevention, human performance in sport, industry and activities of daily living.

Upon successful completion of the degree, students may apply for the [Master of Clinical Exercise Physiology](#). The Bachelor of Exercise Science can also be used for entry into other allied health postgraduate degrees. (i.e physiotherapy).

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Illustrate a comprehensive and coherent knowledge in the principles and concepts associated with exercise science.
2	Critically review, analyse and synthesise information.
3	Indicate how exercise science knowledge and skills can be applied in professional practice and scholarship.
4	Demonstrate evidence of outcomes related to Discipline Threshold Learning Outcomes and Professional Accreditation Requirements including: <ol style="list-style-type: none"> <li>Exercise assessment, prescription and delivery</li> <li>Analysis and modification of movement</li> <li>Understanding foundational principles of physiology, anatomy, biomechanics, neurophysiology, psychology</li> <li>Statistics and research methodology.</li> </ol>

5	Exercise critical thinking and independent problem solving.
6	Communicate clearly and coherently knowledge and ideas to others.

## Course Structure

To qualify for award of the degree, the Bachelor of Exercise Science, a candidate must successfully complete at least 144 credit points in accordance with the course structure and recommended subject progression table below.

Students intending to apply for the [Master of Clinical Exercise Physiology](#) should seek academic advice regarding subject selection.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn</b>			
<a href="#">MEDI111</a>	Introduction to Anatomy and Physiology I	6	Autumn
<a href="#">MEDI150</a>	Fundamental Concepts in Food and Nutrition	6	Autumn
<a href="#">MEDI160</a>	Scientific Literacy	6	Autumn
<b>Select one of the following two subjects:</b>			
<b>Note: Students who have achieved a mark of 65% or more in NSW HSC Chemistry or equivalent must select CHEM101. All other students must select CHEM104.</b>			
<a href="#">CHEM101</a>	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
<a href="#">CHEM104</a>	Foundation Chemistry: Properties of Matter	6	Autumn
<b>Spring</b>			
<a href="#">BIOL103</a>	Molecules, Cells and Organisms	6	Spring
<a href="#">MEDI151</a>	Healthy Ageing	6	Spring

MEDI112	Introduction to Anatomy and Physiology II	6	Spring
<b>Select one of the following two subjects:</b>			
<b>Note: Students who have achieved a mark of 65% or more in NSW HSC Chemistry or equivalent must select CHEM102. All other students must select CHEM105.</b>			
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
CHEM105	Foundation Chemistry: Reactions and Structures	6	Spring
<b>Year 2</b>			
<b>Autumn</b>			
MEDI211	Control Mechanisms Physiology	6	Autumn
BIOL213	Principles of Biochemistry	6	Autumn
MEDI222	Foundations of Biomechanics	6	Autumn
PSYC216	Psychology of Physical Activity and Health	6	Autumn
<b>Spring</b>			
MEDI220	Musculoskeletal Functional Anatomy	6	Spring
MEDI221	Exercise Physiology	6	Spring
MEDI258	Human Neuromechanics	6	Spring
MEDI304	Research Methods and Analysis	6	Spring
<b>Year 3</b>			
<b>Autumn</b>			
MEDI322	Advanced Exercise Physiology and Metabolism	6	Autumn
EXSC330	Exercise Prescription	18	Autumn

<b>Spring</b>			
<a href="#">MEDI330</a>	Sensorimotor Control of Movement	6	Spring
<b>Plus, 18 credit points of subjects from the following list:</b>			
<a href="#">MEDI314</a>	Regional Anatomy	6	Spring
<a href="#">MEDI323</a>	Cardiorespiratory Studies	6	Spring
<a href="#">EXSC370</a>	Clinical Biomechanics in Exercise Science & Rehabilitation	6	Not available in 2019
<a href="#">PSYC368</a>	Applied Psychology (Exercise Psychology)	6	Not available in 2019
<a href="#">MEDI350</a>	Research Projects	12	Autumn, Spring
<a href="#">HAS 235</a>	Productivity & Design of Work	6	Summer 2019/2020
<b>Or other 200/300 level subjects that have been approved by the Course Coordinator.</b>			
<b>Students to complete 3 x 6 credit points of Elective subjects from the above list (or other subjects approved by the Academic Program Director). Students applying for the Master of Clinical Exercise Physiology must take <a href="#">EXSC370</a>, <a href="#">MEDI323</a>, <a href="#">HAS 235</a>.</b>			

Please click the subject codes in the above table for information on sessions of offer for each subject at different locations. For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Compulsory Work Placement / Online Components

This course contains a total of 140 hours of compulsory work-based placements, which must be completed over the three years of the course. In

order to attend the practicum experience, students must meet NSW Health Department requirements in regard to Criminal Record Checks. Students who do not meet these requirements will not be able to attend the practicum experience, and therefore will not be able to continue in this degree. For further information on Criminal Record Checks please see visit [Student Clearances for Clinical Placements - NSW Department of Health](#).

This course may also contain compulsory components to be completed online.

## Honours

Successful completion of the Bachelor of Exercise Science with a credit grade average enables students to apply for entry to the [BSc \(Honours\)](#). Prospective applicants should consult the School Honours Coordinator to register their interest and become involved in the supervisor and topic selection process.

## Professional Recognition/Accreditation

The Bachelor of Exercise Science has been accredited by Exercise and Sport Science Australia (ESSA). Upon graduation, students are eligible for membership as an Exercise Scientist.

## Other Information

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

Last reviewed: 15 June, 2021

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Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Exercise Science and Rehabilitation | 2019

Testamur Title of Degree:	Bachelor of Exercise Science and Rehabilitation
Abbreviation:	BExScRehab
UOW Course Code:	851_2
CRICOS Code:	016112E
Total Credit Points:	192
Duration:	4 years full-time or part-time equivalent
Home Faculty:	Faculty of Science, Medicine and Health
Intake Session(s):	Autumn
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 757643



## Overview

Exercise Science covers the effect of exercise on human performance in sport, fitness, industry tasks, injury and disease prevention, and on activities of daily living. Exercise Rehabilitation is specifically concerned with restoring good health and physical capability to people after illness or injury, or improving quality of life and managing physical function in people with chronic disease and physical disabilities.

You will study anatomy, physiology, exercise physiology, exercise prescription and biomechanics. Your scientific training will improve your skills in data gathering and analysis, systems integration and most importantly, understanding the fundamental processes behind both healthy and unhealthy human bodies. This scientific foundation enables you to adapt to a variety of situations in the workplace.

The skills acquired are applied in clinical and community settings through clinical placements, which are an important part of the 3rd and 4th years of the degree.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Consolidate and synthesise coherent and advanced knowledge of the principles and concepts associated with exercise science and clinical exercise physiology.
2	Apply knowledge of research principles and methods associated with exercise science and physiology.
3	Assemble technical and cognitive skills in: a. Reviewing, analysing and synthesising information to independently generate solutions to complex problems; b. Critical thinking and judgement in developing and integrating new understanding; and c. Communicating knowledge and ideas clearly and coherently to a variety of audiences.
4	Demonstrate initiative and judgement to adapt clinical exercise

	physiology knowledge and skills that can be applied in professional practice and scholarship.
5	Independently plan and execute a project in regard to exercise physiology
6	Demonstrate evidence of outcomes related to Discipline Threshold Learning Outcomes and Professional Accreditation Requirements with respect to pathological conditions and special populations including: <ol style="list-style-type: none"> <li>Exercise assessment, prescription and delivery.</li> <li>Analysis and modification of movement</li> <li>Understanding foundational principles of physiology, anatomy, biomechanics, neurophysiology, psychology</li> <li>Analysis and interpretation of statistics and research methodology.</li> </ol>
7	Exercise critical thinking and judgement in developing and integrating new understanding.
8	Communicate knowledge and ideas clearly and coherently to a variety of audiences.

## Course Structure

To qualify for award of the degree, the Bachelor of Exercise Science and Rehabilitation, a candidate must successfully complete at least 192 credit points, in accordance with the course structure and recommended subject progression table below.

Students will need to achieve a minimum of a 70 WAM across the first 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 may be transferred to the [Bachelor of Exercise Science](#) degree.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn</b>			
<a href="#">MEDI111</a>	Introduction to Anatomy and Physiology I	6	Autumn
<a href="#">MEDI150</a>	Fundamental Concepts in Food and Nutrition	6	Autumn
<a href="#">MEDI160</a>	Scientific Literacy	6	Autumn

**Select ONE of the following two subjects:**

**Note: Students who have achieved a mark of 65% or more in NSW HSC Chemistry or equivalent must select CHEM101. All other students must select CHEM104.**

CHEM101	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
CHEM104	Foundation Chemistry: Properties of Matter	6	Autumn

**Spring**

BIOL103	Molecules, Cells and Organisms	6	Spring
MEDI151	Healthy Ageing	6	Spring
MEDI112	Introduction to Anatomy and Physiology II	6	Spring

**Select ONE of the following two subjects:**

**Note: Students who have achieved a mark of 65% or more in NSW HSC Chemistry or equivalent must select CHEM102. All other students must select CHEM105.**

CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
CHEM105	Foundation Chemistry: Reactions and Structures	6	Spring

**Year 2****Autumn**

BIOL213	Principles of Biochemistry	6	Autumn
MEDI211	Control Mechanisms Physiology	6	Autumn
MEDI222	Foundations of Biomechanics	6	Autumn
PSYC216	Psychology of Physical Activity and Health	6	Autumn

**Spring**

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<a href="#">MEDI221</a>	Exercise Physiology	6	Spring
<a href="#">MEDI220</a>	Musculoskeletal Functional Anatomy	6	Spring
<a href="#">MEDI258</a>	Human Neuromechanics	6	Spring
<a href="#">MEDI304</a>	Research Methods and Analysis	6	Spring
<b>Year 3</b>			
<b>Autumn</b>			
<a href="#">EXSC330</a>	Exercise Prescription	18	Autumn
<a href="#">MEDI322</a>	Advanced Exercise Physiology and Metabolism	6	Autumn
<b>Spring</b>			
<a href="#">MEDI330</a>	Sensorimotor Control of Movement	6	Spring
<a href="#">EXSC370</a>	Clinical Biomechanics in Exercise Science & Rehabilitation	6	Spring
<a href="#">HAS 235</a>	Productivity & Design of Work	6	Spring
<a href="#">MEDI323</a>	Cardiorespiratory Studies	6	Spring
<b>Year 4</b>			
<b>Autumn</b>			
<a href="#">EXSC420</a>	Clinical Exercise Physiology	24	Autumn
<b>Spring</b>			
<a href="#">EXSC423</a>	Clinical Practicum	18	Spring
<a href="#">EXSC424</a>	Advanced Workplace Injury Management for Exercise Physiologists	6	Spring

## Compulsory Work Placement / Online Components

This course contains a total of 500 hours of compulsory work placement required to be completed over the 4 years of the course; 140 of which is required to be completed on apparently healthy individuals in the first 3 years. The remaining 360 hours of compulsory clinical placement is completed on people with pathology/injury in Spring session of the 4th year as part of the Clinical Practicum subject.

In order to attend Clinical Practicum, students must meet NSW Health Department requirements in regard to Criminal Record Checks and Infectious Disease. Students who do not meet these requirements will not be able to attend and therefore will not be able to continue in this degree. For further information on Criminal Record Checks and Infectious Diseases please see visit [Student Clearances for Clinical Placements - NSW Department of Health](#).

This course may also contain compulsory components to be completed online.

## Honours

Successful completion of the Bachelor of Exercise Science and Rehabilitation with a credit grade average enables students to apply for entry to the Bachelor of Science (Honours). For further information refer to the separate entry for the [Bachelor of Science \(Honours\)](#).

## Professional Recognition/Accreditation

The Bachelor of Exercise Science and Rehabilitation has been accredited by Exercise and Sport Science Australia (ESSA). Upon graduation, students are eligible to apply for membership as an Exercise Scientist and accreditation as an Exercise Physiologist.

## Other Information

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

Last reviewed: 22 September, 2020

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# 2019 Undergraduate Courses

Home



**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Geography | 2019

Testamur Title of Degree:	Bachelor of Geography
Abbreviation:	BGeog
UOW Course Code:	1708
CRICOS Code:	089781G
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Social Sciences
Intake Session(s):	Autumn, Spring
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 755250

## Overview

Geography covers a broad range of topics of contemporary relevance. Geographers help shape the future by understanding, explaining and predicting both human and physical environments. You will study the human and physical forces that shape the planet and the political, social and environmental issues that arise as a consequence of human interactions with the Earth. Geographers help understand and plan for a sustainable, socially just and resilient future. Never before has the skill set of geographers been so important at time of recognised anthropogenic climate change and predicted increases in sea-levels, bushfires and flooding.

Geography students will engage in interdisciplinary study from a strong common foundation of compulsory core human and physical geography subjects in first and second year. Students will then choose and complete a specialised stream in third year. This geography course will provide students with the skills, abilities and competencies demanded by employers and will provide a stable foundation for continuing professional development.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to:

CLO	Description
1	Demonstrate a broad and coherent knowledge of the human activities and physical trends and processes that impact the Earth and its environment, including local, national, global, and temporal perspectives.
2	Critically evaluate information and data to assess methods and frameworks applied to specific spaces, places or environments.
3	Participate effectively and constructively as a team member in professional contexts.
4	Identify and articulate real world problems that demonstrate an understanding of Geography and its academic sub-disciplines, whilst acknowledging contested understandings, including Indigenous perspectives.
5	Apply scientific method, evidence based knowledge and appropriate research techniques, including those associated with fieldwork, to



	evaluate possible solutions to real world geographical problems.
6	Locate, synthesise and evaluate data, information, results and literature relating to geographical problems.
7	Communicate geographical knowledge and perspectives to a range of audiences using appropriate technologies and communication skills.
8	Demonstrate an ability to self-direct and reflect on intellectual development and ethical practice.

## Course Structure

The Bachelor of Geography requires the successful completion of 144 credit points as specified in the table below, comprising:

1. core subjects;
2. a defined stream in either Human or Physical Geography at 300 level;
3. elective subjects from the [recommended electives](#), the [General Schedule](#) or a [minor](#) as outlined below; and
4. no more than 60 credit points at 100 level.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn Session</b>			
<a href="#">EESC103</a>	Earth's Dynamic Surface	6	Autumn
<a href="#">EESC105</a>	Introductory Geospatial Analysis	6	Autumn, Spring
<a href="#">GEOG121</a>	Human Geography: Life in a Globalising World	6	Autumn
Plus 6 credit points from the recommended electives, the General Schedule or a minor			
<b>Spring Session</b>			
<a href="#">EESC102</a>	Earth's Interconnected Spheres	6	Spring
<a href="#">GEOG122</a>	Human Geography: Living in a Material World	6	Spring
<a href="#">GEOG123</a>	Indigenous Geographies: Questioning Country	6	Spring

Plus 6 credit points from the recommended electives, the General Schedule or a minor

## Year 2

### Autumn Session

<a href="#">EESC203</a>	Biogeography and Environmental Change	6	Autumn
<a href="#">GEOG221</a>	Population Geography: People, Place, Inequality	6	Autumn

Plus 12 credit points from the recommended electives, the General Schedule or a minor

### Spring Session

<a href="#">EESC202</a>	Shaping Earth's Surface	6	Spring
<a href="#">GEOG222</a>	Society and Environment: Resources, Challenges, Futures	6	Spring
<a href="#">GEOG224</a>	The Future of Food: Resilience, Communities and Policy	6	Spring
<a href="#">GEOG231</a>	Maps and Apps for Social Scientists	6	Spring

## Year 3

<a href="#">EESC331</a>	Changing Global Environments	6	Spring
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Plus 42 credit points from the one of two streams (Physical Geography or Human Geography)

## Physical Geography stream

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">EESC209</a>	G-cubed: Geochemistry, Geochronology, Geophysics	6	Spring
<a href="#">EESC323</a>	Fluvial Geomorphology and Sedimentology	6	Autumn

<a href="#">EESC332</a>	Sedimentology, Stratigraphy and Palaeoenvironments	6	Autumn
<a href="#">EESC320</a>	Capstone:Earth and Environmental Sciences	6	Spring
<a href="#">EESC322</a>	Coastal Environments: Process and Management	6	Spring
Plus 12 credit points from the Human Geography stream, recommended electives, General Schedule or a minor			

## Human Geography stream

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">GEOG336</a>	Qualitative Research Design for Social Scientists	6	Autumn
<a href="#">GEOG338</a>	Planning Urban Futures	6	Autumn
<a href="#">GEOG337</a>	Policy for Environmental and Heritage Management	6	Spring
<a href="#">GEOG353</a>	Qualitative GIS	6	Spring
Plus 18 credit points from the Physical Geography stream, recommended electives, General Schedule or a minor			

### Recommended electives

The following elective subjects are recommended. Students can also choose elective subjects from the [General Schedule](#) and [Schedule of Minors](#).

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">EESC101</a>	Planet Earth	6	Autumn
<a href="#">EESC207</a>	Advanced Geospatial Analysis	6	Autumn, Spring
<a href="#">GEOG241</a>	Urban Geographies: Just and	6	Autumn

	Sustainable Cities?		
<a href="#">GEOG251</a>	Disaster Geographies: Risk, Policy, Management	6	Autumn
<a href="#">CRLP200</a>	Career Ready Learning & Practice	6	Autumn, Spring
<a href="#">GEOG339</a>	Geographies of Change: International Fieldwork Intensive	6	Spring

For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Minors and electives

Minors are not compulsory in this degree, however sufficient elective space exists to complete one. Students are referred to the [Schedule of Minors](#) for a listing of available options.

Students intending to become a primary or secondary school teacher, by enrolling in a Master of Teaching in the future, should consult the School of Education to determine an appropriate elective study pattern from Year 1.

## Honours

Students with a good academic record, particularly in the third year, should contact the Academic Program Director if they are interested in undertaking a fourth year of study that provides training in independent research.

## Other Information

For further information email: [ssc@uow.edu.au](mailto:ssc@uow.edu.au)

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# 2019 Undergraduate Courses

Home □

□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Health and Physical Education | 2019

Testamur Title of Degree:	Bachelor of Health and Physical Education
Abbreviation:	BHlthPhyEd
UOW Course Code:	1810
CRICOS Code:	062239G
Total Credit Points:	192
Duration:	4 years full-time or part-time equivalent
Home Faculty:	Faculty of Social Sciences
Intake Session(s):	Autumn
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 755101

## Overview

The Bachelor of Health and Physical Education provides academic and professional preparation for employment, both nationally and internationally, as a health and physical education teacher. Graduates of the degree can be employed in both primary and secondary educational settings and develop a range of skills valuable in other health and physical education sectors. UOW is a leader in this field and this degree reflects the growing importance, and potential, of health and physical education in today's society.

The course offers studies in health and physical education, including games and sport, rhythmic movements, mental health and sexuality, relationships, curriculum and pedagogy, anatomy and physiology, biomechanics, educational foundations and movement skills. Students will also study subjects that have a cross-curriculum perspective such as Aboriginal education, effective use of ICT, learners with exceptional needs, communication, and risk and behaviour management.

Professional Experience is a compulsory component of this course and usually occurs in the Illawarra, Shoalhaven, Southern Highlands and Southern Sydney schools. There are also opportunities for students to apply for 'out-of-area' (e.g. in rural NSW) Professional Experience and overseas teaching experiences in countries such as Thailand, China and Malaysia.

Students who have achieved a high level of academic performance in the first two and a half years of the Bachelor of Health and Physical Education may complete the Bachelor of Health and Physical Education at Honours level.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to:

CLO	Description
1	Demonstrate broad and coherent pedagogical and content knowledge for the teaching profession.

2	Demonstrate an understanding of the connection between research and theory and the ability to use this knowledge to inform their practice as a teacher.
3	Have well-developed skills in student-focused pedagogy and practice to manipulate mandatory documents related to policy, student learning and integrate teaching across curricula areas.
4	Display well-developed communication and evaluation skills as a reflective practitioner, articulating and analysing the complex and dynamic role of the teacher in the learning environment.
5	Apply pedagogical skills and content knowledge to solve educational problems, integrate technology in the classroom, plan for all learners, apply pedagogical strategies for differentiation and reflect on their practice.
6	Demonstrate the ability to autonomously apply educational ethics that value student differences, the importance of differentiation and social justice.

## Course Structure

The Bachelor of Health and Physical Education requires:

- a. The successful completion of 192 credit points comprising:
  - i. 29 core subjects (180cp);
  - ii. 2 electives (12cp);
  - iii. No more than 60 credit points will be at 100 level.
- b. The successful completion of the Professional Experience components embedded in the course.
- c. Students must successfully complete 36 credit points from the Year 1 subjects (including PSYS150) to be eligible for the first Professional Experience and to enrol in Year 2 subjects. Students should also note that a number of subject pre-requisites will be in place throughout the course.
- d. Students must have passed all core subjects in the first three and a half years of their degree, successfully completed the Literacy and Numeracy Test (LANTITE) and be enrolled in any annual and final semester core subjects to be eligible for their final Professional Experience.
- e. Students must successfully complete all subject requirements, including the teaching performance assessment (UOW TPA) in [EDPS402](#), to be eligible to graduate.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn</b>			
<a href="#">HAS 111</a>	Essential Academic Skills	6	Autumn



<a href="#">MATH131</a>	Essentials of Numeracy and Mathematics for Educators	6	Autumn
<a href="#">MEDI100</a>	Human Structure and Function	6	Autumn
<a href="#">PSYS150</a>	Foundations of Human Development and Behaviour	6	Autumn
<b>Spring</b>			
<a href="#">EDPH101</a>	About Young People	6	Spring
<a href="#">HAS 121</a>	Human Development in Social Context	6	Spring
<a href="#">MEDI113</a>	Physiology of Sport, Exercise and Physical Activities	6	Spring
<a href="#">PSYC116</a>	Psychology of Physical Activity and Health	6	Spring
<b>Year 2</b>			
<b>Autumn</b>			
<a href="#">EDPH102</a>	Meanings of Health	6	Autumn
<a href="#">EDPS111</a>	Education Foundations: Introduction to Teacher Education	6	Autumn
<a href="#">EDPM204</a>	Foundations of Movement Skill Acquisition	6	Autumn
<a href="#">EDPS222</a>	Teachers as Communicators	6	Autumn
<b>Spring</b>			
<a href="#">EDPM202</a>	Analysis of Games and Sport 1	6	Spring
<a href="#">EDPS201</a>	Quality Teaching and Learning in Secondary Education I	6	Spring
<a href="#">EDAE302</a>	Aboriginal Education	6	Spring
<a href="#">EDPS302</a>	Creating Positive Learning Environments	6	Spring

<b>Year 3</b>			
<b>Autumn</b>			
<a href="#">EDPM205</a>	Promoting Lifelong Physical Activity	6	Autumn
<a href="#">EDLE301</a>	Learners With Exceptional Needs	6	Autumn
<a href="#">EDPS301</a>	Quality Teaching and Learning in Secondary Education II	6	Autumn
<a href="#">EDIC401</a>	Effective use of ICT for Teaching & Learning	6	Autumn
<b>Spring</b>			
<a href="#">EDPM201</a>	Performing and Teaching Rhythmic Movement Activities	6	Spring
<a href="#">EDLD302</a>	Teaching Culturally and Linguistically Diverse Students	6	Spring
<a href="#">EDPH312</a>	Promoting Wellbeing 1: Safe Living, Road Safety and Drugs	6	Spring
Plus ONE elective subject at 200 level or above selected from the Health and Physical Education Electives list below or from the <a href="#">General Schedule</a> with approval from the Academic Program Director		6	Spring
<b>Year 4</b>			
<b>Autumn</b>			
<a href="#">EDUP235</a>	Biomechanics For Educators	6	Autumn
<a href="#">EDPH300</a>	Promoting Wellbeing 2: Sexual Health, Relationships and Sexualities	6	Autumn
<a href="#">EDPM301</a>	Analysis of Games and Sport 2	6	Autumn
<a href="#">EDPS401</a>	Quality Teaching and Learning in Secondary Education III	6	Autumn

<b>Spring</b>			
<a href="#">EDPH401</a>	Application of Health Education in School and Community Settings	6	Spring
<a href="#">EDPS402</a>	Leadership, Management & Professional Learning in Secondary Education	12	Spring
Plus ONE elective subject at 200 level or above selected from the Health and Physical Education Electives list below or from the <a href="#">General Schedule</a> with approval from the Academic Program Director		6	Spring

### Health and Physical Education Electives

Subject Code	Subject Name	Credit Points	
<a href="#">EDUP363</a>	Stress Management	6	Not available in 2019
<a href="#">EDUP491</a>	Inclusive Physical Education	6	Not available in 2019
<a href="#">EDPE401</a>	Sports Studies 1	6	Not available in 2019
<a href="#">EDPE402</a>	Community Placement	6	Not available in 2019
<a href="#">EDPE403</a>	Intervention Skills for Teachers	6	Spring
<a href="#">EDPE405</a>	Sports Studies 2	6	Not available in 2019
<a href="#">EDPE406</a>	Advanced Exploration of Games	6	Not

	and Sports		available in 2019
<a href="#">EDPH301</a>	Socio-cultural Perspectives on Physical Activity and Physical Edu	6	Not available in 2019
<a href="#">EDPE202</a>	Health Promotion	6	Spring
<a href="#">EDPE203</a>	Principles and Practices of Coaching	6	Spring

For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Compulsory Work Placement / Online Components

This course contains a total of 560 hours or approximately 80 days of compulsory work-based placements, completed over 24 weeks throughout the degree. This course may also contain compulsory components to be completed online.

## Dean's Scholar

A Dean's Scholar program is available for high achieving students. For more information refer to the [Bachelor of Health and Physical Education \(Dean's Scholar\)](#).

## Honours

Students who have achieved a high level of academic performance in the first two and a half years of the Bachelor of Health and Physical Education may apply to transfer to the [Bachelor of Health and Physical Education \(Honours\)](#).

## Professional Recognition/Accreditation

This degree is accredited and recognised as a national professional teaching qualification. Students seeking work outside NSW or Australia are advised to check with potential employers and other teacher registration authorities for any additional requirements.

The University of Wollongong is committed to supporting students to meet the accreditation requirements to teach in Catholic Diocesan schools. Please contact your Academic Program Director for more information.

## Other Information

For further information email: [ssc@uow.edu.au](mailto:ssc@uow.edu.au)

Last reviewed: 26 October, 2018

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# 2019 Undergraduate Courses

Home

Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Health and Physical Education (Dean's Scholar) | 2019

Testamur Title of Degree:	Bachelor of Health and Physical Education (Dean's Scholar)
Abbreviation:	BHlthPhyEd(Schol)
UOW Course Code:	1823
CRICOS Code:	081891M
Total Credit Points:	192
Duration:	4 years full-time or part-time equivalent
Home Faculty:	Faculty of Social Sciences
Intake Session(s):	Autumn
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 755201

## Overview

The Bachelor of Health and Physical Education (Dean's Scholar) degree provides an enriched educational experience for motivated, high achieving students who wish to pursue a career as a Health and Physical Education teacher. The purpose of the Dean's Scholar program is to enhance students' professional knowledge and engagement with the research culture of our Faculty, and build partnerships and contribute to the local community.

Dean's Scholars will have access to an academic mentor, extended library privileges, invitations to attend School workshops and seminars, and networking events. There is also the opportunity for casual employment in the UOW Faculty of Social Sciences, community research, or projects supervised by leading practitioners or scholars for 15 hours per year.

Professional Experience is a compulsory component of this course and usually occurs in the Illawarra, Shoalhaven, Southern Highlands and Southern Sydney schools. There are also opportunities for students to apply for 'out-of-area' (e.g. in rural NSW) Professional Experience and overseas teaching experiences in countries such as Thailand, China and Malaysia.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to:

CLO	Description
1	Demonstrate broad and coherent pedagogical and content knowledge for the teaching profession.
2	Demonstrate pedagogical & content knowledge required to integrate across curricula areas.
3	Have well-developed skills in student-focused pedagogy and practice to manipulate mandatory documents related to policy, student learning and integrate teaching across curricula areas.
4	Engage in mentored and self-regulated development activities both within and outside the university setting.

5	Demonstrate a high quality understanding of the connection between research and theory and the ability to use this knowledge to inform their practice as a teacher.
6	Display well-developed communication and evaluation skills as a reflective practitioner, articulating and analysing the complex and dynamic role of the teacher in the learning environment.
7	Apply pedagogical skills and content knowledge to solve educational problems, integrate technology in the classroom, plan for all learners, apply pedagogical strategies for differentiation and reflect on their practice.
8	Demonstrate higher order thinking skills associated with evolving educational climate.
9	Demonstrate the ability to autonomously apply educational ethics that value student differences, the importance of differentiation and social justice.

## Course Structure

The Bachelor of Health and Physical Education (Dean's Scholar) requires the following:

- a. The successful completion of 192 credit points comprising:
  - i. 30 core subjects (186cp);
  - ii. 1 elective subject (6cp); and
  - iii. No more than 60 credit points will be at 100 level.
- b. The successful completion of the Professional Experience components embedded in the course.
- c. Students must successfully complete 36 credit points from the Year 1 subjects (including PSYS150) to be eligible for the first Professional Experience and to enrol in Year 2 subjects. Students should also note that a number of subject pre-requisites will be in place throughout the course.
- d. Students must maintain a minimum weighted average mark (WAM) of 80 in each year of enrolment, from and including Year 2, to remain enrolled in the Dean's Scholar program.
- e. Students must have passed all core subjects in the first three and a half years of their degree, successfully completed the Literacy and Numeracy Test (LANTITE) and be enrolled in any annual and final semester core subjects to be eligible for their final Professional Experience.
- f. Students must successfully complete all subject requirements, including the teaching performance assessment (UOW TPA) in [EDPS402](#), to be eligible to graduate.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			



<b>Autumn</b>			
<a href="#">HAS 111</a>	Essential Academic Skills	6	Autumn
<a href="#">MATH131</a>	Essentials of Numeracy and Mathematics for Educators	6	Autumn
<a href="#">MEDI100</a>	Human Structure and Function	6	Autumn
<a href="#">PSYS150</a>	Foundations of Human Development and Behaviour	6	Autumn
<b>Spring</b>			
<a href="#">EDPH101</a>	About Young People	6	Spring
<a href="#">HAS 121</a>	Human Development in Social Context	6	Spring
<a href="#">MEDI113</a>	Physiology of Sport, Exercise and Physical Activities	6	Spring
<a href="#">PSYC116</a>	Psychology of Physical Activity and Health	6	Spring
<b>Year 2</b>			
<b>Autumn</b>			
<a href="#">EDPH102</a>	Meanings of Health	6	Autumn
<a href="#">EDPS111</a>	Education Foundations: Introduction to Teacher Education	6	Autumn
<a href="#">EDPM204</a>	Foundations of Movement Skill Acquisition	6	Autumn
<a href="#">EDPS222</a>	Teachers as Communicators	6	Autumn
<b>Spring</b>			
<a href="#">EDPM202</a>	Analysis of Games and Sport 1	6	Spring
<a href="#">EDPS201</a>	Quality Teaching and Learning in Secondary Education I	6	Spring
<a href="#">EDAE302</a>	Aboriginal Education	6	Spring

EDPS302	Creating Positive Learning Environments	6	Spring
<b>Year 3</b>			
<b>Autumn</b>			
EDPM205	Promoting Lifelong Physical Activity	6	Autumn
EDLE301	Learners With Exceptional Needs	6	Autumn
EDPS301	Quality Teaching and Learning in Secondary Education II	6	Autumn
EDIC401	Effective use of ICT for Teaching & Learning	6	Autumn
<b>Spring</b>			
EDPM201	Performing and Teaching Rhythmic Movement Activities	6	Spring
EDLD302	Teaching Culturally and Linguistically Diverse Students	6	Spring
EDPH312	Promoting Wellbeing 1: Safe Living, Road Safety and Drugs	6	Spring
EDER202	Dean's Scholars Project	6	Spring
<b>Year 4</b>			
<b>Autumn</b>			
EDUP235	Biomechanics For Educators	6	Autumn
EDPH300	Promoting Wellbeing 2: Sexual Health, Relationships and Sexualities	6	Autumn
EDPM301	Analysis of Games and Sport 2	6	Autumn
EDPS401	Quality Teaching and Learning in Secondary Education III	6	Autumn
<b>Spring</b>			

<a href="#">EDPH401</a>	Application of Health Education in School and Community Settings	6	Spring
<a href="#">EDPS402</a>	Leadership, Management & Professional Learning in Secondary Education	12	Spring
Plus ONE elective subject at 200 level or above selected from the Health and Physical Education Electives list below or from the <a href="#">General Schedule</a> with approval from the Academic Program Director		6	Spring

### Health and Physical Education Electives

Subject Code	Subject Name	Credit Points	
<a href="#">EDUP363</a>	Stress Management	6	Not available in 2019
<a href="#">EDUP491</a>	Inclusive Physical Education	6	Not available in 2019
<a href="#">EDPE401</a>	Sports Studies 1	6	Not available in 2019
<a href="#">EDPE402</a>	Community Placement	6	Not available in 2019
<a href="#">EDPE403</a>	Intervention Skills for Teachers	6	Spring
<a href="#">EDPE405</a>	Sports Studies 2	6	Not available in 2019
<a href="#">EDPE406</a>	Advanced Exploration of Games and Sports	6	Not available

			in 2019
<a href="#">EDPH301</a>	Socio-cultural Perspectives on Physical Activity and Physical Edu	6	Not available in 2019
<a href="#">EDPE202</a>	Health Promotion	6	Spring
<a href="#">EDPE203</a>	Principles and Practices of Coaching	6	Spring

For information regarding timetables, tutorials, and classes please the visit the [Timetables and Classes](#) page.

## Compulsory Work Placement / Online Components

This course contains a total of 560 hours or approximately 80 days of compulsory work-based placements, completed over 24 weeks throughout the degree. This course may also contain compulsory components to be completed online.

## Honours

Students who have achieved a high level of academic performance in the first two and a half years of the Bachelor of Health and Physical Education may apply to transfer to the [Bachelor of Health and Physical Education \(Honours\)](#).

## Professional Recognition/Accreditation

This degree is accredited and recognised as a national professional teaching qualification. Students seeking work outside NSW or Australia are advised to check with potential employers and other teacher registration authorities for any additional requirements.

The University of Wollongong is committed to supporting students to meet the accreditation requirements to teach in Catholic Diocesan schools. Please contact your Academic Program Director for more information.

## Other Information

For further information email: [ssc@uow.edu.au](mailto:ssc@uow.edu.au)

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Health and Physical Education (Honours) | 2019

Testamur Title of Degree:	Bachelor of Health and Physical Education (Honours)
Abbreviation:	BHlthPhyEd(Hons)
UOW Course Code:	343
CRICOS Code:	081722F
Total Credit Points:	192
Duration:	4 years full-time or part-time equivalent
Home Faculty:	Faculty of Social Sciences
Intake Session(s):	Autumn
Delivery Mode:	On-campus
Delivery Campus:	Wollongong

## Overview

The Honours program is an alternative option for students going into the second session of third year from either the Bachelor of Health and Physical Education pass degree or the Bachelor of Health and Physical Education (Dean's Scholar) degree. In particular, honours students are encouraged to:

- Make a contribution to theory, research and pedagogy of education;
- Conduct independent research in education and report its outcomes in a scholarly manner in the form of a thesis as well as other forums such as conference presentations and journal articles;
- Work co-operatively with individuals and groups, including students, supervisors, the Honours Coordinator and School research groups, as well as participants and informants in research sites;
- Conduct educational research in ways that are intellectually honest, with professional integrity and knowledge and enactment of appropriate ethical standards;
- Be aware of changing conditions and situations in research settings;
- Seek out opportunities and apply knowledge in educational research that will contribute beneficially to educational research and practice; and
- Participate in the research culture within the School of Education.

Entry to honours is based on application and merit.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to:

CLO	Description
1	Demonstrate broad and coherent pedagogical and content knowledge for the teaching profession
2	Demonstrate an advanced knowledge of the connection between research and theory and the ability to use this knowledge to inform their practice as a teacher
3	Successfully complete an independent research project utilising advanced knowledge and the skills of analysis and synthesis to identify the research findings pertaining to an educational issue
4	Have well-developed skills in student-focused pedagogy and practice to

	manipulate research-based material and mandatory documents related to policy, student learning and integrate teaching across curricula areas
5	Display well-developed communication and evaluation skills as a reflective practitioner, articulating and analysing the complex and dynamic role of the teacher in the learning environment
6	Apply pedagogical skills and content knowledge to solve educational problems, integrate technology in the classroom, plan for all learners, apply pedagogical strategies for differentiation and reflect on their practice
7	Demonstrate higher order cognitive skills associated with evolving educational climate
8	Demonstrate the ability to autonomously apply educational ethics that value student differences, the importance of differentiation and social justice

## Course Structure

The Bachelor of Health and Physical Education (Honours) requires:

- The successful completion of 192 credit points of core subjects. No more than 60 credit points will be at 100 level.
- The successful completion of the Professional Experience components embedded in the course.
- Students must successfully complete 36 credit points from the Year 1 subjects (including PSYS150) to be eligible for the first Professional Experience and to enrol in Year 2 subjects. Students should also note that a number of subject pre-requisites will be in place throughout the course.
- Students must have passed all core subjects in the first three and a half years of their degree, successfully completed the Literacy and Numeracy Test (LANTITE) and be enrolled in any annual and final semester core subjects to be eligible for their final Professional Experience.
- Students must successfully complete all subject requirements, including the teaching performance assessment (UOW TPA) in [EDPS402](#), to be eligible to graduate.
- The Honours grade will be calculated using Method 3. For further information refer to the [General Course Rules](#).

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn</b>			
<a href="#">HAS 111</a>	Essential Academic Skills	6	Autumn
<a href="#">MATH131</a>	Essentials of Numeracy and	6	Autumn



	Mathematics for Educators		
MEDI100	Human Structure and Function	6	Autumn
PSYS150	Foundations of Human Development and Behaviour	6	Autumn
<b>Spring</b>			
EDPH101	About Young People	6	Spring
HAS 121	Human Development in Social Context	6	Spring
MEDI113	Physiology of Sport, Exercise and Physical Activities	6	Spring
PSYC116	Psychology of Physical Activity and Health	6	Spring
<b>Year 2</b>			
<b>Autumn</b>			
EDPH102	Meanings of Health	6	Autumn
EDPS111	Education Foundations: Introduction to Teacher Education	6	Autumn
EDPM204	Foundations of Movement Skill Acquisition	6	Autumn
EDPS222	Teachers as Communicators	6	Autumn
<b>Spring</b>			
EDPM202	Analysis of Games and Sport 1	6	Spring
EDPS201	Quality Teaching and Learning in Secondary Education I	6	Spring
EDAE302	Aboriginal Education	6	Spring
EDPS302	Creating Positive Learning	6	Spring

	Environments		
<b>Year 3</b>			
<b>Autumn</b>			
EDPM205	Promoting Lifelong Physical Activity	6	Autumn
EDLE301	Learners With Exceptional Needs	6	Autumn
EDPS301	Quality Teaching and Learning in Secondary Education II	6	Autumn
EDIC401	Effective use of ICT for Teaching & Learning	6	Autumn
<b>Spring</b>			
EDPM201	Performing and Teaching Rhythmic Movement Activities	6	Spring
EDLD302	Teaching Culturally and Linguistically Diverse Students	6	Spring
EDPH312	Promoting Wellbeing 1: Safe Living, Road Safety and Drugs	6	Spring
EDPR401	Honours Thesis	18	Spring 2021/Autumn 2022
<b>Year 4</b>			
<b>Autumn</b>			
EDPR401	Honours Thesis (continued)	18	Spring 2021/Autumn 2022
EDPH300	Promoting Wellbeing 2: Sexual Health, Relationships	6	Autumn

	and Sexualities		
EDPM301	Analysis of Games and Sport 2	6	Autumn
EDPS401	Quality Teaching and Learning in Secondary Education III	6	Autumn
<b>Optional subject (can be completed in any Autumn session of the degree):</b>			
EDUP235	Biomechanics for Educators	6	Autumn
<b>Spring</b>			
EDPH401	Application of Health Education in School and Community Settings	6	Spring
EDPS402	Leadership, Management & Professional Learning in Secondary Education	12	Spring

For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Compulsory Work Placement / Online Component

This course contains a total of 560 hours or approximately 80 days of compulsory work-based placements, completed over 24 weeks throughout the degree. This course may also contain compulsory components to be completed online.

## Professional Recognition/Accreditation

This degree is accredited and recognised as a national professional teaching qualification. Students seeking work outside NSW or Australia are advised to check with potential employers and other teacher registration authorities for any additional requirements.

The University of Wollongong is committed to supporting students to meet the accreditation requirements to teach in Catholic Diocesan schools. Please

contact your Academic Program Director for more information.

## Other Information

For further information email: [ssc@uow.edu.au](mailto:ssc@uow.edu.au)

Last reviewed: 26 October, 2018

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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Health Science (Indigenous Health) | 2019

Testamur Title of Degree:	Bachelor of Health Science (Indigenous Health)
Abbreviation:	BHlthSc(IndigHlth)
UOW Course Code:	1784
CRICOS Code:	084866K
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Science, Medicine and Health
Intake Session(s):	Autumn, Spring
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 756632

## Overview

The Bachelor of Health Science (Indigenous Health) is a degree open to both Indigenous and non-Indigenous students. The course covers areas including community health, community development, cultural issues, comparative Indigenous health issues and Indigenous health research; which are complemented with study in Aboriginal Studies, Psychology, Sociology, Education and other related areas.

Job opportunities include working in the community sector, in Aboriginal Medical Services or with State or Federal health agencies. Graduates may be interested in working in a rural or remote community, or in community development, health promotion, planning or policy.

Assistance is given to Indigenous students via Commonwealth funded 'away from base allowances' and the Woolyungah Indigenous Centre will assist students by providing tutors, access to support staff and resources, and helping individual students find their best method of study.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Demonstrate a broad understanding of the historical, social and cultural factors that have impacted Aboriginal and Torres Strait Islander health care
2	Critically review, analyse and synthesise information relating to evidence-based health care practice and disease prevention for Aboriginal and Torres Strait Islander people.
3	Exercise critical thinking and judgement to identify and independently solve problems relating to Aboriginal and Torres Strait Islander health.
4	Communicate perspectives in Aboriginal and Torres Strait Islander health to diverse audiences using a range of communication strategies.
5	Apply the concepts of community development, ownership, consultation, empowerment, capacity-building, reciprocity and respect

	to health care delivery and working/researching with Indigenous individuals and communities.
6	Demonstrate ethical, professional, public and personal conduct and capacity to reflect on and direct own learning and practice and participate constructively in decision-making with the context of Aboriginal Health.
7	Develop strategies for the promotion of equitable health care practice for Aboriginal and Torres Strait Islander people

## Course Structure

To qualify for award of the degree, the Bachelor of Health Science (Indigenous Health), a candidate must successfully complete at least 144 credit points in accordance with the table below.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">MEDI142</a>	Introduction to Aboriginal & Torres Strait Islander Health	6	Autumn
<a href="#">MEDI143</a>	Working effectively in Aboriginal & Torres Strait Islander Health	6	Spring
<b>Year 2</b>			
<a href="#">MEDI240</a>	Current Services in Indigenous Health	6	Spring
<a href="#">MEDI241</a>	Aboriginal & Torres Strait Islander Health Research	6	Autumn
<a href="#">MEDI242</a>	Functional Structures in Indigenous Communities	6	Not available in 2019
<a href="#">MEDI243</a>	Comparative Indigenous Health Issues	6	Not available in 2019
<a href="#">CRLP200</a>	Career Ready Learning & Practice	6	Autumn, Spring, Summer

			2019/2020
<b>Year 3</b>			
<a href="#">MEDI341</a>	Research in Indigenous Health	6	Spring
<a href="#">MEDI342</a>	Indigenous Community Development: Environmental Health Issues	6	Not available in 2019
<a href="#">MEDI343</a>	Aboriginal Social and Emotional Wellbeing	6	Not available in 2019
<a href="#">MEDI344</a>	Indigenous Community Development: Health Promotion	6	Autumn
<a href="#">MEDI345</a>	Aboriginal & Torres Strait Islander Advocacy in Health	6	Not available in 2019
<b>Plus 12 credit points of subjects from the following list:</b>			
<a href="#">INDS150</a>	Introduction to Indigenous Australia	6	Autumn
<a href="#">INDS207</a>	Critical Themes in Indigenous Studies	6	Autumn
<a href="#">INDS302</a>	Indigenous Thinkers: Global Perspectives	6	Spring
<b>Plus 60 credit points (to total 144cp) of subjects chosen in consultation with the Undergraduate Indigenous Academic Course Director and approved by the Head of School.</b>			

## Indigenous Health Studies Minor

Students who are not studying a Bachelor of Health Science (Indigenous Health) can complete a minor study in [Indigenous Health](#).

## Other Information

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)



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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Information Technology Options | 2019

The University of Wollongong offers two different locations for students wishing to study a Bachelor of Information Technology degree.

### Faculty of Engineering and Information Sciences

#### **Bachelor of Information Technology - Wollongong Campus**

For students wishing to study at the Wollongong Campus.

Course Code: 1807

#### **Bachelor of Information Technology - South Western Sydney Campus**

For students wishing to study at the South Western Sydney Campus.

Course Code: W1807

Last reviewed: 24 April, 2018

**MENU** 

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# 2019 Undergraduate Courses

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Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Information Technology (Dean's Scholar) | 2019

Testamur Title of Degree:	Bachelor of Information Technology (Dean's Scholar)
Abbreviation:	BIT(Dean'sSchol)
UOW Course Code:	1803
CRICOS Code:	081894G
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Engineering and Information Sciences
Intake Session(s):	Autumn
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 754310

## Overview

Dean's Scholars degrees are highly recognisable, giving students the edge in competitive employment. The degree offers a challenging and enriched educational experience for high-achieving students who want to perform above the level normally expected. Students are also encouraged to continue their studies through the completion of Honours and research programs.

Students complete the normal course requirements for the degree, but receive special privileges as they study such as accelerated learning, where possible, and academic mentoring. Dean's Scholars are also encouraged to contribute to the scholarly life of the Faculty through events in the Faculty's postgraduate program.

Places are limited each year. Current students who have achieved a weighted average mark (WAM) of 80 at the end of one year of full-time study in a relevant degree may apply to transfer to the Dean's Scholar degree.

The Bachelor of Information Technology (Dean's Scholar) is accredited by the Australian Computer Society as meeting the requirements for membership at the "Professional Level".

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Demonstrate broad and coherent theoretical and technical knowledge of information technologies and the ability to apply this knowledge to solve a range of practical problems.
2	Perform analysis and design of innovative systems to solve a range of problems.
3	Acquire, synthesise and integrate information within a complex professional setting.
4	Think critically and creatively to identify better system solutions within business contexts .

5	Function and work collaboratively with others to solve information technology problems achieving a common goal.
6	Apply informed professional judgements regarding ethical and responsible decision making with consideration of related social responsibilities.
7	Reflect upon work practices, tools and frameworks for ongoing professional development.
8	Exercise critical thinking and judgement in the composition of a research-based project demonstrating understanding of field of information technology.

## Course Structure

Course program for the Dean's Scholars degree is identical to the current non-Dean's Scholars degrees apart from [CSIT395](#) Dean's Scholar Research Project.

Continuation in the Dean's Scholars degrees will normally be dependent on the student achieving a WAM of at least 80 in each year of study. Students who do not meet the required average will be transferred to the equivalent non-Dean's Scholars degree.

Please note that the Dean's Scholars Program is not offered to part-time students and is only available to International Students who are eligible to apply through UAC (for new students), or who have completed one year of full-time study at UOW (for current students). The program is not offered for double degrees and is not a scholarship.

A candidate must satisfactorily complete the following requirements to be eligible for a Bachelor of Information Technology (Dean's Scholar):

1. The following core subjects:

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">CSIT111</a>	Programming Fundamentals	6	Autumn, Spring
<a href="#">CSIT113</a>	Problem Solving	6	Autumn
<a href="#">CSIT114</a>	System Analysis	6	Autumn
<a href="#">CSIT115</a>	Data Management and Security	6	Autumn, Spring

CSIT21	Object Oriented Design and Programming	6	Autumn, Spring
CSIT27	Networks and Communications	6	Spring
CSIT28	Introduction to Web Technology	6	Spring
CSIT214	IT Project Management	6	Autumn, Spring
ISIT219	Knowledge and Information Engineering	6	Autumn
MATH223	Mathematics for Information Technology	6	Autumn
CSIT226	Human Computer Interaction	6	Spring
ISIT204	Principles of eBusiness	6	Spring
ISIT224	Management Information Systems	6	Spring
CSIT314	Software Development Methodologies	6	Autumn
CSIT321	Project	12	Annual, Spring 2019/Autumn 2020
CSIT395	Dean's Scholar Research Project	6	Autumn, Spring

2. To be awarded with a major, a candidate must satisfactorily complete the core plus four (4) subjects (24cp) listed for that major.

3. Students not completing a major must complete 12 credit points of 300 level CSCI or ISIT subjects, AND an additional 12 credit points of either 200 or 300 level CSCI, CSIT or ISIT subject not listed in the core.

4. To be awarded with a double major, candidates must ensure that four of the subjects selected satisfy the requirements of one major and that a separate set of four subjects satisfy the requirements of a second major, i.e.

any subject counted towards one major cannot also be counted towards a second major.

5. Elective subjects from the from the School of Computing and Information Technology [Subject List](#) or from the [General Schedule](#), not already included in the core or major subjects, to bring the total credit points to 144. Note: A maximum of 60 credit points of first year subjects.

The Faculty encourages the development of ICT skills and knowledge in the workplace through industry placement. Completion of [ISIT200](#) Industry Placement, which is a minimum of a single 8-week period of approved industry placement, assessed in the form of written reports, is highly recommended to all students.

## Majors

Candidates enrolled in this degree may choose to major in:

- [e-Business](#)
- [Social and Digital Innovation](#)
- [Network Design and Management](#)
- [Web Design and Development](#)
- [Computing](#) (No intake for this major in 2019 at the UOW Wollongong Campus. This is under review.)

## E-Business

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">ISIT306</a>	Strategic eBusiness Solutions	6	Autumn
<a href="#">OPS 200</a>	Management and Electronic Business	6	Autumn
<a href="#">ISIT208</a>	Strategic Systems Management	6	Spring
<a href="#">ISIT332</a>	Business Process Management	6	Spring

## Social and Digital Innovation

Students wishing to complete this major must speak with the BIT course coordinator.

Subject	Subject Name	Credit	Session(s)
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Code		Points	
ISIT203	Social Informatics	6	Spring
ISIT313	Corporate Responsibility and IT	6	Autumn
ISIT333	Social Media and the Workplace	6	Autumn
ISIT343	Programming for Social Innovation	6	Spring

## Network Design and Management

Subject Code	Subject Name	Credit Points	Session(s)
ISIT212	Corporate Network Planning and Design	6	Spring
ISIT302	Corporate Network Management	6	Autumn
CSCI322	Systems Administration	6	Spring
ISIT328	Corporate Network Security	6	Spring

## Web Design and Development

Subject Code	Subject Name	Credit Points	Session(s)
ISIT207	Frontend Web Programming	6	Spring
ISIT307	Backend Web Programming	6	Autumn
ISIT312	Big Data Management	6	Spring
ISIT315	Semantic Web	6	Spring

## Computing\*

All of the core subjects listed in the [Bachelor of Computer Science](#) plus the subjects listed below:

Subject Code	subject Name	Credit Points	Session(s)
<a href="#">CSCI205</a>	Software Development Methods & Tools	6	Not offered in this year
<a href="#">CSCI213</a>	Java Programming and Applications	6	Not offered in this year
<a href="#">CSCI235</a>	Database Systems	6	Autumn, Spring
<a href="#">CSCI311</a>	Software Process Management	6	Not offered in this year
<a href="#">CSCI315</a>	Database Design and Implementation	6	Not offered in this year
<a href="#">CSCI322</a>	Systems Administration	6	Spring
<a href="#">ISIT302</a>	Corporate Network Management	6	Autumn

\* No intake for the Computing major in 2019 at the UOW Wollongong Campus.

## Professional Recognition/Accreditation

The Bachelor of Information Technology (Dean's Scholar) is accredited by the [Australian Computer Society](#) as meeting the requirements for membership at the "Professional Level".

## Other Information

Further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au)

Last reviewed: 24 October, 2018

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Information Technology (Honours) | 2019

Testamur Title of Degree:	Bachelor of Information Technology (Honours)
Abbreviation:	BIT(Hons)
UOW Course Code:	1811
CRICOS Code:	064124C
Total Credit Points:	48
Duration:	1 year full-time or part-time equivalent
Home Faculty:	Faculty of Engineering & Information Sciences
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus:	Wollongong

## Overview

The Bachelor of Information Technology (Honours) is for students who have an undergraduate degree in Information Technology, or equivalent, and who wish to undertake a research project as part of an add-on Honours year.

The course combines 30 credit points of 400-level coursework and an 18 credit points research project. The 400-level coursework is intended to give students a background in Information Technology. The research project allows students to identify a viable research problem; design an appropriate methodology to achieve the objectives of the project; follow the methodology to gather and analyse data to satisfy the objectives; and to write the whole as a comprehensive research report or thesis.

This degree is highly sought after in industry and provides an excellent pathway to a PhD.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Research, synthesise, reinterpret and apply key information and utilise informed judgement in information technology, systems design and project planning.
2	Work as an individual and as a member of a team in a manner consistent with ethical and professional standards.
3	Employ independent learning strategies to update professional knowledge in information technology of innovations techniques, research industry trends and standards.

## Course Structure

The program of study for Bachelor of Information Technology (Honours) is 48 credit points:

Subject	Subject Name	Credit	Session(s)
---------	--------------	--------	------------

Code		Points	
CSIT440	Research Methodology	6	Autumn, Spring
ISIT450	Information Systems & Technology Research Report	18	Annual, Spring 2019/Autumn 2020
<b>Plus 24cp of coursework taken from:</b>			
ISIT401	Information Systems Strategic Planning	6	Autumn
ISIT404	Enterprise Architecture Design and Systems Integration	6	Spring
ISIT405	Technology Management and Innovation	6	Not available in 2019
ISIT406	Information Design and Content Management	6	Spring
ISIT408	IT Governance	6	Autumn
ISIT410	IT-enabled Supply Chain Management	6	Spring
ISIT417	Business Intelligence and Knowledge Management	6	Autumn
ISIT429	Concepts and Issues in Healthcare Computing	6	Spring
ISIT430	Introduction to Health Informatics	6	Autumn
ISIT437	Information Technology Security and Risk Management	6	Autumn
ISIT446	Project and Change Management	6	Spring
ISIT492	Special Topics in IS and IT B	6	Not available in 2019

**or other 300- and 400-level subjects as approved by the Head of School.**

## Honours Grades

The Honours grade for the degree of Bachelor of Information Technology (Honours) will be calculated in accordance with Method 1 defined in the [General Course Rules](#).

## Other Information

For further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or [Academic Program Director](#)

Last reviewed: 24 October, 2018

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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Information Technology - Bachelor of Laws | 2019

Testamur Title of Degree:	Bachelor of Information Technology - Bachelor of Laws
Abbreviation:	BIT-LLB
UOW Course Code:	372
CRICOS Code:	094218D
Total Credit Points:	264
Duration:	5.5 years full-time or *part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn / Spring**
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 751213 South West Sydney / 751223



\*Students interested in studying this degree part-time should consult with the Law Head of Students by contacting [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au).

\*\*Students commencing in Spring will undertake their first session in the Bachelor of Information Technology, before completing their first year of Law in their second year of enrolment.

## Overview

A Bachelor of Information Technology – Bachelor of Laws from UOW equips you with a comprehensive legal education; a world-class degree that provides a thorough grounding in the law, as well as a real-world focus on the essential practical skills and the social and ethical context in which the law operates.

Combining Law with Information Technology provides you with the technical skills that will help you succeed in the dynamic Information Technology (IT) sector. In this double degree combination, you will gain a competitive edge with specialist skills in areas such as database management, programming, information systems analysis and design, communications and networks, and security in an ever-changing dynamic industry.

We believe that practical experience is a vital part of your legal training. We are the only law school in New South Wales that requires you to complete a legal internship, providing highly valued industry experience. We are committed to social justice and providing a legal education that engages with the complexities of law's intersection with society.

This double degree delivers a practical and contextual legal education that prepares graduates not only for traditional careers in the legal profession but also for a wide range of careers in government, business and community organisations – as leaders, innovators and problem solvers.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

The outcomes, which are common and consolidated in this joint degree, ensure that on successful completion of the course students will be able to:

CLO	Description
1	Demonstrate sound disciplinary knowledge;
2	Recognise and be able to resolve ethical problems in disciplinary work;
3	Apply reasoning and critical analysis to generate appropriate disciplinary responses;
4	Investigate, evaluate and synthesise information within a professional setting.

Please refer to the [Course Handbook](#) page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

To qualify for award of the degree, the Bachelor of Information Technology - Bachelor of Laws, a candidate must successfully complete a minimum 264 credit points, comprised of:

- a. All compulsory Law subjects as set out in the schedule below (114 credit points);
- b. 30 credit points of electives from the [Bachelor of Laws \(Graduate Entry\)](#) elective list;
- c. subjects worth at least 120 credit points from subjects in the [Bachelor of Information Technology \(BIT\)](#) or the General Schedule, including:
  - i. 96 credit points of core subjects from the BIT Course Schedule;
  - ii. an additional 24 credit points of 300-level subjects, of which 12 credit points must be BIT subjects.

Subject Code	Subject Name	Credit Points
<b>Year 1</b>		
<a href="#">LLB1100</a>	Foundations of Law	6
<a href="#">LLB1115</a>	Legal Skills	6
<a href="#">LLB1120</a>	Law of Contract A	6
<a href="#">LLB1130</a>	Criminal Law and Procedure A	6
<a href="#">LLB1160</a>	Interpreting the Law	6
<a href="#">LLB1170</a>	Law of Contract B	6
<a href="#">LLB1180</a>	Criminal Law and Procedure B	6

<a href="#">LLB1197</a>	Legal Ethics & Professional Responsibility	6
<b>Year 2</b>		
<a href="#">LLB2220</a>	Property Law	6
<a href="#">LLB2230</a>	Administrative Law	6
<a href="#">LLB2270</a>	Equity and Trusts	6
<a href="#">LLB2280</a>	Constitutional Law	6
Subjects from Bachelor of Information Technology Schedule		
<b>Year 3</b>		
<a href="#">LLB2225</a>	Advanced Legal Skills	6
<a href="#">LLB2240</a>	Law of Torts	6
<a href="#">LLB2290</a>	Jurisprudence	6
<a href="#">LLB3397</a>	Legal Internship	3
1 LLB Elective		
Subjects from Bachelor of Information Technology Schedule		
<b>Year 4</b>		
<a href="#">LLB3300</a>	Remedies and Civil Procedure	6
<a href="#">LLB3301</a>	Evidence	6
<a href="#">LLB3302</a>	Law of Business Organisations	6
1 LLB Elective		
Subjects from Bachelor of Information Technology Schedule		
<b>Year 5</b>		
3 LLB Electives		
<a href="#">LLB3399</a>	Law, Justice and Professional Practice	3

Subjects from Bachelor of Information Technology Schedule

### **Year 6**

Subjects from Bachelor of Information Technology Schedule

#### **Part-time Study**

A student is considered part-time when they are enrolled in less than 75% of the standard load for a session. If you are seeking to complete your undergraduate law degree part-time, you are required to complete a minimum of 12 credit points (2 subjects) per session. Please refer to the [Recommended Study Sequence](#) for information.

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## **Compulsory Work Placement / Online Components**

This course contains a total of 140 hours over 4 weeks of compulsory work-based placements. This course may also contain compulsory components to be completed online.

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

Law students will complete a Legal Internship subject (LLB3397). This subject is the vehicle for a practical placement designed to expose students to the application of the law in practice; enable students to understand the importance of developing the skills of legal research; communication, drafting, practice management and problem solving; and enable students to observe and reflect upon the values, ethical standards and conduct of the legal profession in practice.

For the Bachelor of Information Technology, the Faculty encourages the development of ICT skills and knowledge in the workplace through industry placement. Completion of [ISIT200](#) Industry Placement, which is a minimum of a single 8-week period of approved industry placement, assessed in the form of written reports, is highly recommended to all students.

## **Law Professional Recognition/Accreditation**

The UOW Bachelor of Laws (single LLB or in combination with another

degree) is accredited by the Legal Profession Admission Board (LPAB) as satisfying the academic requirements necessary for admission to the Australian legal profession. On completion of the Bachelor of Laws, a student who wishes to practise as a barrister or solicitor must also undertake some form of professional practical training, the requirements for which vary between each state and territory of Australia.

In New South Wales, a student who intends to qualify for admission to practice is required to undertake a practical legal training (PLT) course accredited by the LPAB, followed by or incorporating a period of practical experience in a law-related setting. Practical experience gained by students in [LLB3397](#) Legal Internship may be counted towards this practical experience requirement. Graduates should check with their PLT provider. A list of LPAB accredited PLT courses can be found on the [LPAB website](#).

Students who intend to practise as solicitors after admission will be subject to a period of restricted practice and the mandatory continuing legal education requirements. Further information is available from the [Law Society of New South Wales](#). Students who intend to practise as barristers after admission will be required to read with a senior barrister for a period of time and to undertake the Bar Readers' Course and Bar Examination before being qualified to take briefs on their own account. Further information is available from the [New South Wales Bar Association](#).

## Honours

### Law

High achieving students enrolled in this double degree may consult with the [Honours Coordinator in Law](#) regarding the possibility of transferring into an [Honours Law](#) degree.

A student who successfully transfers into an Honours program but does not meet the minimum performance standards required for the award of Honours will be permitted to transfer back to the double degree in which

### Information Technology

Students seeking to pursue an Honours degree in Information Technology should refer to the information on the [Bachelor of Information Technology \(Honours\)](#) Course Handbook Page.

## Other Information

The University of Wollongong attempts to ensure the information contained in the Course Handbook is correct at the time of publication. However, courses may be amended without notice by the University in response to changing circumstances or for any other reason. Check with the University for updated information.

Further information is available via email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au) or [eis@uow.edu.au](mailto:eis@uow.edu.au)

Last reviewed: 11 June, 2019

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Information Technology International | 2019

Testamur Title of Degree:	Bachelor of Information Technology International
Abbreviation:	BITInt
UOW Course Code:	368
CRICOS Code:	N/A
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Engineering and Information Sciences
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus (Face-to Face)
Delivery Campus / UAC Code:	Wollongong/ 754320

## Overview

The Bachelor of Information Technology International has a common core structure that offers graduates skills required for any IT professional such as: organisational area in IT, database management, programming, information system analysis and design, communication and networks, security, eBusiness, project management, web-based technology, and professional practice in IT. In particular this degree offers students opportunities for an international learning experience.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#)

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Demonstrate broad and coherent theoretical knowledge of information technologies and the ability to apply this knowledge to solve a range of practical problems.
2	Perform analysis and design of innovative systems to solve a range of problems.
3	Acquire, synthesis and integrate information within a complex professional setting.
4	Think critically and creatively to identify better system solutions within business contexts
5	Function and work collaboratively with others to solve information technology problems achieving a common goal.
6	Apply informed professional judgements regarding ethical and responsible decision making with consideration of related social responsibilities.
7	Reflect upon work practices, tools and frameworks for ongoing professional development.
8	Attain international exposure through learning experiences, work-integrated learning, and professional practice through a project whilst in-country overseas, and apply international perspectives in their future professional practice.



## Course Structure

Continuation in the Bachelor of Information Technology International will normally be dependent on the student achieving a WAM of at least 75 in each year of study. Students who do not meet the required average will be transferred to the equivalent Bachelor of Information Technology degree.

To qualify for award of the degree, the Bachelor of Information Technology International, candidates must complete:

1. The following core subjects:

Subject Code	Subject Name	Credit Points	Session(s)
CSIT111	Programming Fundamentals	6	Autumn, Spring
CSIT113	Problem Solving	6	Autumn
CSIT114	System Analysis	6	Autumn
CSIT115	Data Management and Security	6	Autumn, Spring
CSIT21	Object Oriented Design and Programming	6	Autumn, Spring
CSIT27	Networks and Communications	6	Spring
CSIT28	Introduction to Web Technology	6	Spring
CSIT221	International Project	6	To be advised.
CSIT214	IT Project Management	6	Autumn, Spring
ISIT204	Principles of eBusiness	6	Spring
ISIT219	Knowledge and Information Engineering	6	Autumn
CSIT226	Human Computer Interaction	6	Spring

<a href="#">MATH223</a>	Mathematics for Information Technology	6	Autumn
<a href="#">ISIT224</a>	Management Information Systems	6	Spring
<a href="#">CSIT314</a>	Software Development Methodologies	6	Autumn
<a href="#">CSIT321</a>	Project	12	Annual, Spring 2019/Autumn 2020

2. At least 24 credit points, including [CSIT221](#) International Project, completed overseas at an approved partner institution, for example Singapore Institute of Management or INTI Malaysia.

3. To be awarded with a major, a candidate must satisfactorily complete the core plus four (4) subjects (24 cp) listed for that major. Alternatively students can complete no major and complete 24 credit points of 300-level CSCI or ISIT subjects (not listed above). 12 credit points can be 200-level CSCI or ISIT subjects.

4. To be awarded with a double major, candidates must ensure that four of the subjects selected satisfy the requirements of one major and that a separate set of four subjects satisfy the requirements of a second major; i.e. any subject counted towards one major cannot also be counted towards a second major.

5. A maximum of 60 credit points of first year subjects.

6. The remaining credit points can be taken from the School of Computing and Information Technology [Subject List](#) or the [General Schedule](#).

The Faculty encourages the development of ICT skills and knowledge in the workplace through industry placement. Completion of [ISIT200](#) Industry placement, which is a minimum of a single 8-week period approved industry placement, assessed in the form of written reports, is highly recommended to all students.

## Majors

Candidate enrolled in this degree may choose to major in:

- [e-Business](#)
- [Social and Digital Innovation](#)
- [Network Design and Management](#)
- [Web Design and Development](#)

Students may also combine any two of the above majors as a double major (excluding the computing major). To be awarded with a double major, candidates must ensure that four of the subjects selected must satisfy the requirements of one major and that a separate set of four subjects satisfy the requirements of a second major; i.e. any subject counted towards one major cannot be also be counted towards a second major.

## e- Business

All of the core subjects, plus the four subjects listed below:

Subject Code	Subject Name	Credit Points	Session(s)
OPS 200	Management and Electronic Business	6	Autumn
ISIT208	Strategic Systems Management	6	Spring
ISIT306	Strategic eBusiness Solutions	6	Autumn
ISIT332	Business Process Management	6	Spring

## Social and Digital Innovation

All of the core subjects, plus the four subjects listed below:

Subject Code	Subject Name	Credit Points	Session(s)
ISIT203	Social Informatics	6	Spring
ISIT313	Corporate Responsibility and IT	6	Autumn
ISIT333	Social Media and the Workplace	6	Autumn
ISIT343	Programming for Social Innovation	6	Spring

## Network Design and Management

All of the core subjects, plus the four subjects listed below:

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">ISIT212</a>	Corporate Network Planning and Design	6	Autumn
<a href="#">ISIT302</a>	Corporate Network Management	6	Autumn
<a href="#">CSCI322</a>	Systems Administration	6	Spring
<a href="#">ISIT328</a>	Corporate Network Security	6	Spring

## Web Design and Development

All of the core subjects, plus the four subjects listed below:

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">ISIT307</a>	Backend Web Programming	6	Autumn
<a href="#">ISIT207</a>	Frontend Web Programming	6	Spring
<a href="#">ISIT315</a>	Web Modelling	6	Spring
<a href="#">ISIT312</a>	Big Data Management	6	Spring

## Professional Recognition/Accreditation

The Bachelor of Information Technology is accredited by the [Australian Computer Society](#) as meeting the requirements for membership.

## Other Information

For further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or [Academic Program Director](#).

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of International Studies Options | 2019

The University of Wollongong offers two different locations for students wishing to study a Bachelor of International Studies degree.

### Faculty of Law, Humanities and Arts

#### **Bachelor of International Studies - Wollongong Campus**

For students wishing to study at the Wollongong Campus.  
Course Code: 1817

#### **Bachelor of International Studies - South Western Sydney Campus**

For students wishing to study at the South Western Sydney Campus.  
Course Code: SW1817

Last reviewed: 29 October, 2018

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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of International Studies (Dean's Scholar) | 2019

Testamur Title of Degree:	Bachelor of International Studies (Dean's Scholar)
Abbreviation:	BlntSt(Dean'sSchol)
UOW Course Code:	323
CRICOS Code:	081893J
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 753131



## Overview

If you are a high-achieving and motivated student, the International Studies (Dean's Scholar) program will give you an enriched educational experience and empower you to analyse and appreciate the diversity of the global community. The Bachelor of International Studies (Dean's Scholar) will teach you a diverse skill set to facilitate analysis of national and global issues, focusing on the way global forces and interactions that increasingly influence domestic politics. This degree will equip you with a theoretical background to understand the international political and social world, proficiency in a language and the ability to analyse real case studies.

The Dean's Scholar program includes a member of academic staff to advise you on matters concerned with your degree, as well as an annual book allowance, and designated study space. You will produce a major self-directed research project as a capstone to your degree in the final year of study.

You will examine the relationships between politics, society, culture, language, and history on a global scale. Core subjects include Introduction to International Studies, Methods in International Studies and Politics, and Senior Seminar in International Studies. In second year, you will choose between one of two majors: International Relations and Global Sustainable Development

As part of the degree, you will also study a language minor, and you can choose from Mandarin, French, Italian, Japanese or Spanish.

## Dean's Scholar Degrees

Dean's Scholars have the opportunity to attempt subjects not normally available to first-year students. They may be granted exemption from certain first-year subjects and may be permitted extended subject loads, enabling them to complete the degree in less than the normal time and enter Honours in their third year.

Dean's Scholar students benefit from:

- Access to shared study and workspace;
- Yearly text book/resource allowance for full time students;
- Limited printing privileges;
- Specialised subject [LHA 102](#) Dean's Scholars Seminar;
- Opportunities to attend academic and higher degree research workshops and seminars.
- On successful completion of this degree, students will be guaranteed admission to Honours.

Dean's Scholars are able to use the University's student exchange program to undertake a period of study overseas. Several Dean's Scholars have competed successfully for places in the Australian National Internship

Program or the University Capitol Washington Internship Program, which places students in political offices in Canberra or Washington D.C. respectively.

To remain in the program, students must maintain an average of 75% in each year of study. If the student's average falls below 75%, the student will be transferred into the Bachelor of International Studies degree.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Demonstrate a sound understanding of key components of global society and key global challenges through insights and knowledge gained from multiple perspectives and disciplines.
2	Communicate effectively and ethically across a wide range of contexts..
3	Apply qualitative and quantitative analytical and problem-solving skills necessary for international studies careers and global citizenship.
4	Critically review interconnections between local and global issues and events as well as the historical and contemporary processes that have transformed the globe.
5	Display in-depth knowledge in one of the offered major areas of study.
6	Independently plan and execute a research or professional based project that demonstrates an understanding and critical analysis of the area of study.

## Course Structure

To qualify for award of this degree, a student must complete a total of at least 144 credit points from subjects listed in the Course Structure below:

1. [LHA 102](#) Dean's Scholars Seminar (6 credit points);
2. The core subjects prescribed for the [Bachelor of International Studies](#) degree, excluding LHA101 (18 credit points);
3. At least one of the two Majors listed in this degree: [Global Sustainable](#)

### Development or International Relations.

4. At least one minor in a language other than English (minimum of 24 credit points);
5. Electives to bring the total number of credit points to 144. To complete the credit points required for the degree, students can choose from the following options:
  - a. Taking additional elective subjects;
  - b. Turn their language minor into a major;
  - c. Take an additional major from the Bachelor of International Studies; or
  - d. Take an additional minor or major offered from the Bachelor of Arts or other degree. Students may not cross count more than one subject from a nominated minor into any other minor or major;
6. Not more than 60 credit points in 100-level subjects; and
7. Dean's Scholars are also required to maintain an average mark of 75% or better.

During the Bachelor of International Studies (Dean's Scholar) degree, students are strongly encouraged to undertake a semester of overseas study. However, it is not a degree requirement.

## Majors and Minors

For a list of the major and minor options available in this degree, please see the [Bachelor of International Studies Course Handbook](#) page.

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

The [Faculty of Law, Humanities and the Arts internship program](#) provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Students are also encouraged to consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Honours

Honours is a fourth year of study that provides training in independent research. Students who complete the single degree with the required

academic standard are encouraged to proceed to the [Bachelor of International Studies \(Honours\)](#). Please refer to the Honours handbook page for further information about the degree and entry requirements.

## Other Information

To remain in the program, students must maintain an average of 75% in each year of study. If the student's average falls below 75%, the student will be transferred into the Bachelor of International Studies degree.

Further information is available via email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 20 March, 2019

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of International Studies (Honours) | 2019

Testamur Title of Degree:	Bachelor of International Studies (Honours)
Abbreviation:	BlntSt(Hons)
UOW Course Code:	322
CRICOS Code:	075097K
Total Credit Points:	48
Duration:	1 year full-time or part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn
Delivery Mode:	On campus (face-to-face)
Delivery Campus:	Wollongong

## Overview

If you are doing, or have done particularly well in your Bachelor of International Studies degree, you should consider an Honours year. This normally involves one additional year of study following the successful completion of a three-year undergraduate degree. Your Bachelor of International Studies degree would have introduced you to a wide range of topics and problems, and an Honours project enables you to explore one in much greater depth. Honours research topics are various and negotiable—if you are really interested in a topic and want to find answers, you'll be encouraged and supported by our expert staff.

From a potential employer's perspective, whatever your topic, being able to demonstrate the ability to achieve a complex goal, meet deadlines, investigate independently, use resources effectively and write coherently, are all highly desirable qualities.

The Honours year has two functions at UOW: as an in-depth project at the end of undergraduate study, and as a bridge between undergraduate study and advanced research. Studying Honours is about:

- learning research skills, navigation skills and information systems (archives, the Library, databases, electronic research networks);
- the opportunity to practise articulating complex ideas orally and in writing. It provides the experience of working closely with a supervisor on a project and in preparing a major project to meet a deadline;
- experiences in devising, researching and writing up an individual topic of study in an extended argument/thesis of approximately 15-18,000 words.

## Areas of Study

An Honours year in the Bachelor of International Studies is available in the areas of International Relations, Global Development and Environment, Global Media and Communication and Peace and Conflict Studies.

For more information on undertaking Honours in International Studies, students should contact the [Discipline Leader, Politics and International Studies](#), who will be able to guide on possible topics and recommend a potential supervisor.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this

course will be able to demonstrate:

CLO	Description
1	Independently plan and execute a research-based project or piece of scholarship that demonstrates in-depth understanding and critical analysis of the area of International Studies
2	Demonstrate advanced theoretical knowledge and critically reflect on, synthesise and evaluate information, problems, concepts and theories.
3	Communicate a coherent and sustained argument, explaining and disseminating research results and conclusions.
4	Apply an advanced knowledge of research, research integrity, ethics and the rights and safety of others, to independently plan and execute a substantial piece of research.

## Course Structure

To qualify for award of the Bachelor of International Studies (Honours), a candidate must successfully complete at least 48 credit points.

The program consists of 50% coursework and 50% research work. The research component of this degree takes the form of a research thesis under the supervision of an academic.

### Full-time Student

Subject Code	Subject Name	Credit Points
LHA 401	The Writer: Critic, Analyst, Voice	12
PAIS470	Research in Politics and International Studies	12
LHA 480	Thesis	24

### Part-time Student

Subject Code	Subject Name	Credit Points
LHA 401	The Writer: Critic, Analyst, Voice	12
PAIS470	Research in Politics and International Studies	12

<a href="#">LHA 482</a>	Thesis (Part-time)	12
<a href="#">LHA 482</a>	Thesis (Part-time)	12

Click on subject codes in the above table for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Honours Guide and Code of Practice

The Faculty of Law, Humanities and the Arts Honours Guide provides detailed information on all Honours courses and can be accessed from the [LHA Honours Programs](#) page.

Students are advised to refer to the University's [Code of Practice - Honours](#).

## Grade of Honours

Honours Grades are calculated in accordance with the University's [General Course Rules](#).

## Other Information

For further information please email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 2 November, 2018

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of International Studies - Bachelor of Commerce Options | 2019

The University of Wollongong offers two different locations for students wishing to study the Bachelor of International Studies - Bachelor of Commerce double degree.

Faculty of Law, Humanities and Arts

### **Bachelor of International Studies - Bachelor of Commerce - Wollongong Campus**

For students wishing to study at the Wollongong Campus.  
Course Code: 1820

### **Bachelor of International Studies - Bachelor of Commerce - South Western Sydney Campus**

For students wishing to study at the South Western Sydney Campus.  
Course Code: SW1820

Last reviewed: 24 September, 2018

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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of International Studies - Bachelor of Economics and Finance | 2019

Testamur Title of Degree:	Bachelor of International Studies - Bachelor of Economics and Finance
Abbreviation:	BIntSt-BEcon&Fin
UOW Course Code:	331
CRICOS Code:	078322D
Total Credit Points:	216
Duration:	4.5 years full-time or part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn/Spring*
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 751313

\*Students eligible for Credit Transfer may begin in Summer Session if appropriate subjects are available.

## Overview

A double degree of Bachelor of International Studies – Bachelor of Economics and Finance focuses on understanding your place in the national and global political and economic systems, as well as appreciating the historical evolution of global politics and the global economy.

International Studies is a developing and dynamic field that aims to study and solve some of the world's major problems such as war, inequality, climate change, poverty, and hunger. It focuses on understanding your place in the national and global political systems, as well as appreciating the historical evolution of global politics and solutions to global problems. The Bachelor of International Studies examines the relationships of politics, society, culture, language, and history in a range of countries. You will analyse national and current global issues, focusing on the way global forces and interactions increasingly influence domestic politics.

Economics and Finance explores the theory, policies, practices and institutions of the domestic and global economy at both the micro and macro levels. You will develop the skills necessary to make responsible professional judgements in economic and financial decision-making, as well as identify and apply tools of analysis to a wide range of economic issues, including the behaviour of consumers and firms, the labour market, the environment, fiscal and monetary policy, and international trade.

This double degree will challenge you to look at complex systems and see how they interrelate, exploring how and why the world's economies and political systems work. The Bachelor of International Studies - Bachelor of Economics and Finance addresses relevant global, economic, financial and political issues affecting the worldwide business market. It will teach you a diverse skill set and equip you with a theoretical background, proficiency in a language and the ability to analyse real-life case studies. You will learn how international organisations conduct business - and the economic and financial issues they face - when operating across global borders.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees

complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

The outcomes which are common and consolidated in this joint degree ensure that on successful completion of the course students will be able to:

CLO	Description
1	Communicate effectively in English, both orally and in writing;
2	Apply analytical and problem solving skills to formulate rigorous solutions to financial and global contexts;
3	Critically review economic, local and global interconnections.

Please refer to the [Course Handbook](#) page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

To qualify for award of this degree students must complete at least 216 credit points comprised of:

1. The core subjects from the [Bachelor of Economics and Finance](#) (120 credit points);
2. The core subjects for the [Bachelor of International Studies](#) (24 credit points);
3. One of the majors listed for the [Bachelor of International Studies](#) (48 credit points);
4. A minimum of a minor in a language other than English (minimum 24 credit points);

Note: No more than 90 credit points in 100 level subjects.

## Majors and Minors

Students completing this program will take at least two majors. One from the [Bachelor of International Studies](#), and one from the [Bachelor of Economics and Finance](#).

Students will also complete at least one minor in a language other than English, as part of the Bachelor of International Studies.

Details of the majors and minors available can be found on each handbook page.

## Work Integrated Learning

Undertaking a work integrated learning experience during your university

education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

The [Faculty of Law, Humanities and the Arts internship program](#) provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Students are also encouraged to consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Professional Recognition

The Bachelor of Economics and Finance enables graduates to meet the educational requirements for membership of relevant professional associations. For further information, visit [Professional Recognition and Accreditation](#).

## Honours

Honours is a further year of study that provides training in independent research. Students who complete the double degree with the required academic standard are encouraged to proceed to the [Bachelor of International Studies \(Honours\)](#). Please refer to the handbook page for further information about this degree.

## Other Information

Further information is available via email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of International Studies - Bachelor of Laws Options | 2019

The University of Wollongong offers two different locations for students wishing to study the Bachelor of International Studies - Bachelor of Laws double degree.

Faculty of Law, Humanities and Arts

### **Bachelor of International Studies - Bachelor of Laws - Wollongong Campus**

For students wishing to study at the Wollongong Campus.  
Course Code: 1892

### **Bachelor of International Studies - Bachelor of Laws- South Western Sydney Campus**

For students wishing to study at the South Western Sydney Campus.  
Course Code: SW1892

Last reviewed: 24 September, 2018

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# 2019 Undergraduate Courses

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Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of International Studies - Bachelor of Laws (Honours)

Testamur Title of Degree:	Bachelor of International Studies - Bachelor of Laws (Honours)
Abbreviation:	BIIntSt - LLB (Hons)
UOW Course Code:	388
CRICOS Code:	096743M
Total Credit Points:	240
Duration:	5 years full-time or *part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn / **Spring
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong

\*Students interested in studying this degree part-time should consult with the Law Head of Students by contacting [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au).

\*\*Students commencing in Spring will undertake their first session in the Bachelor of Arts, before completing their first year of Law in their second year of enrolment.

## Overview

A Bachelor of International Studies – Bachelor of Laws (Honours) from UOW equips you with a comprehensive legal education: a world-class degree that provides a thorough grounding in the law, as well as a real-world focus on the essential practical skills and the social and ethical context in which the law operates.

Combining Law with a Bachelor of International Studies provides analysis, appreciation and the study of the diversity of the global village. It examines the relationships of politics, society, culture, language, and history in a range of countries and their international connections. This double degree combination opens up a range of international career opportunities in public, private and not-for-profit sectors. Bachelor of International Studies degree will prepare you for work in a multicultural and globalised economy.

The Honours year has two functions at UOW; as an in-depth project at the end of undergraduate study, and as a bridge between undergraduate study and advanced research.

Studying Honours gives you:

- Training in research skills and information systems (archives, the Library, databases, electronic research networks)
- The ability to present complex ideas verbally and in writing
- The opportunity to work closely with a supervisor and prepare a major project to meet critical deadlines
- Experience in devising, researching and writing up an individual topic of study in an extended format

We believe that practical experience is a vital part of your legal training. We are the only law school in New South Wales that requires you to complete a legal internship, providing highly valued industry experience.

We are committed to social justice and providing a legal education that engages with the complexities of law's intersection with society.

This double degree delivers a practical and contextual legal education that prepares graduates not only for traditional careers in the legal profession but also for a wide range of careers in government, business and community organisations and not-for-profit sectors – as leaders, innovators and problem solvers.

# Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the Course Finder.

## Course Learning Outcomes

Please refer to the Course Handbook page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

To qualify for award of the degree, the Bachelor of International Studies - Bachelor of Laws (Honours), a candidate must successfully complete at least 240 credit points, comprised of the following:

1. All compulsory Law subjects as set out in the schedule below (114 credit points);
2. One 6 credit point elective subject from the [Bachelor of Laws \(Graduate Entry\)](#) (6 credit points);
3. [LLB4400](#) Legal Research Methodology (12 credit points);
4. [LLB4401](#) Legal Research Thesis (12 credit points);
5. Core subjects for the [Bachelor of International Studies](#), except for LHA101 (18 credit points)
6. One major chosen from the [Bachelor of International Studies](#) (48 credit points);
7. One minor in a language other than English (24 credit points);
8. One 6 credit point elective subject.

Notes:

- No more than 48 credit points shall be of 100-level subjects.
- Students in this degree are not required to take LHA 101.
- Where any subjects have the prefix LAW, the equivalent Bachelor of Laws (LLB) subjects must be substituted.

Subject Code	Subject Name	Credit Points
<b>Year 1</b>		
<a href="#">LLB1100</a>	Foundations of Law	6
<a href="#">LLB1115</a>	Legal Skills	6
<a href="#">LLB1120</a>	Law of Contract A	6
<a href="#">LLB1130</a>	Criminal Law and Procedure A	6

<a href="#">LLB1160</a>	Interpreting the Law	6
<a href="#">LLB1170</a>	Law of Contract B	6
<a href="#">LLB1180</a>	Criminal Law and Procedure B	6
<a href="#">LLB1197</a>	Ethics and Professional Responsibility	6
<b>Year 2</b>		
<a href="#">LLB2220</a>	Property Law	6
<a href="#">LLB2230</a>	Administrative Law	6
<a href="#">LLB2270</a>	Equity and Trusts	6
<a href="#">LLB2280</a>	Constitutional Law	6
Subjects from the Bachelor of International Studies schedule		
<b>Year 3</b>		
<a href="#">LLB2225</a>	Advanced Legal Skills	6
<a href="#">LLB2240</a>	Law of Torts	6
<a href="#">LLB2290</a>	Jurisprudence	6
<a href="#">LLB3397</a>	Legal Internship	3
Subjects from the Bachelor of International Studies schedule		
<b>Year 4</b>		
<a href="#">LLB3300</a>	Remedies and Civil Procedure	6
<a href="#">LLB3301</a>	Evidence	6
<a href="#">LLB3302</a>	Law of Business Organisations	6
1 LLB Elective		6
Subjects from the Bachelor of International Studies schedule		
<b>Year 5</b>		
<a href="#">LLB4400</a>	Legal Research Methodology	12

<a href="#">LLB4401</a>	Legal Research Thesis	12
<a href="#">LLB3399</a>	Law, Justice and Professional Practice	3
Subjects from the Bachelor of International Studies schedule		

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Majors and Minors

Students in this degree will complete at least one major, and one minor in a language other than English, chosen from the [Bachelor of International Studies](#). Major and minor options are available on the course handbook page.

## Compulsory Work Placement / Online Components

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

Law students will complete a Legal Internship subject (LLB3397). This subject is the vehicle for a practical placement designed to expose students to the application of the law in practice; enable students to understand the importance of developing the skills of legal research; communication, drafting, practice management and problem solving; and enable students to observe and reflect upon the values, ethical standards and conduct of the legal profession in practice. This course contains a total of 140 hours over 4 weeks of compulsory work-based placements. This course may also contain compulsory components to be completed online.

## Law Professional Recognition / Accreditation

The UOW Bachelor of Laws (single LLB or in combination with another degree) is accredited by the Legal Profession Admission Board (LPAB) as satisfying the academic requirements necessary for admission to practice as a lawyer. On completion of the Bachelor of Laws, a student who wishes to practise as a barrister or solicitor must also undertake some form of professional practical training, the requirements for which vary between each state and territory of Australia.

In New South Wales, a student who intends to qualify for admission to practise as a legal practitioner is required to undertake a practical legal training (PLT) course accredited by the LPAB, followed by or incorporating a period of practical experience in a law-related setting. Practical experience gained by students in [LLB3397 Legal Internship](#) may be counted towards this practical experience requirement (eg ANU and College of Law will recognise days completed as part of [LLB3397](#)). Graduates should check with their PLT provider. A list of LPAB accredited PLT courses can be found on the [LPAB website](#).

Students who intend to practise as lawyers after admission should obtain further information about restricted practice and the mandatory continuing legal education requirements from the Law Society of New South Wales. Students who intend to practise as barristers after admission will be required to read with a senior barrister for a period of time and to undertake the Bar Readers' Course before being qualified to take briefs on their own account. Further information is available from the [New South Wales Bar Association](#).

## Honours Guide and Code of Practice

The Faculty of Law, Humanities and the Arts Honours Guide provides detailed information on all Honours courses and can be accessed from the [LHA Honours Programs](#) page.

Students are advised to refer to the University's [Code of Practice - Honours](#).

## Grade of Honours

Honours Grades are calculated in accordance with the University's [General Course Rules](#).

## Other Information

For further information please email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Journalism | 2019

Testamur Title of Degree:	Bachelor of Journalism
Abbreviation:	BJrnl
UOW Course Code:	852
CRICOS Code:	058983K
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn
Delivery Mode:	On campus (Face-to-face)
Delivery Campus / UAC Codes:	Wollongong / 754700

## Overview

Journalism and reporting is an evolving industry that encompasses a multitude of media including print, video, audio, web, and social media to inform, engage and entertain. Journalists have highly honed research, investigation and writing skills and are able to convey a compelling story gathered from various sources.

The Bachelor of Journalism provides in-depth hands-on training in journalism, converging media (audio, video, web, mobile), digital communication and multimedia storytelling. It has a strong professional focus, with an emphasis on practical learning with studio-based studies in multimedia content production. You will learn to research, produce and present informative, entertaining and timely multimedia stories in short and long-form, including podcasting and webcasting, and you will work independently and collaboratively.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Evaluate key issues in contemporary journalism theory and practice.
2	Resourcefully employ a range of journalism professional practices both independently and collaboratively.
3	Evaluate production ideas and processes critically and reflectively
4	Research and produce informative, entertaining and timely media stories and products in response to project demands.
5	Communicate ideas and stories in mediums suited to a range of audiences.
6	Engage a range of sources and communities in the production of media stories.
7	Apply ethical and culturally informed principles to journalism practice.

## Course Structure

To qualify for award of the degree, the Bachelor of Journalism, students must complete a minimum of 144 credit points comprised of the following:

1. 96 credit points of core Bachelor of Journalism subjects outlined in the schedule below;
2. 48 credit points of general schedule electives to bring the total number of credit points completed to 144. Students may use these 48 credit points to complete one major or two minors.

Notes:

- No more than 60 credit points at 100 level can be counted towards the Bachelor of Journalism degree.
- Students must achieve a clear pass in the core 300-level subjects.

Subject Code	Subject Name	Credit Points
<b>Year 1</b>		
BCM 110	Introduction to Communication and Media Studies	6
BCM 113	Media Ethics and Law	6
JRN101	Media Reporting and Storytelling 1	6
JRN102	Multimedia Reporting and Production	6
<b>Year 2</b>		
JRN202	Mobile Journalism	6
JRN203	Audio Journalism Production 1	6
JRN204	Video Journalism Production 1	6
JRN212	Magazine and Lifestyle Journalism	6
JRN250	Professional Writing 1	6
<b>Year 3</b>		
JRN301	Data Journalism Research and Investigation	6
JRN302	Narrative Portfolio	6
JRN303	Journalism Newsroom	6
JRN304	Journalism Internship	6

<a href="#">JRNL313</a>	Podcasting and Audio Journalism Production 2	6
<a href="#">JRNL314</a>	Video Journalism Production 2	6
<a href="#">JRNL315</a>	Journalism Project (Capstone)	6

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Majors and Minors

Students enrolled in the Bachelor of Journalism may utilise their 48 credit points of general electives to complete a major (48 credit points), or one or two minors (24 credit points each) from the following list:

### Majors

- [Creative Writing](#) (from the Bachelor of Arts)
- [Digital and Social Media](#)
- [Economics](#)
- [Global Screen Media](#)
- [History](#)
- [Indigenous Studies](#)
- [International Relations](#)
- [Legal Studies](#)
- [Marketing Communication and Advertising](#)
- [Photography](#)
- [Politics](#)
- [Science and Technology Studies](#)
- [Visual Communication Design](#)

### Minors

- [Asia Pacific Studies](#)
- [Australian Studies](#)
- [Creative Writing](#)
- [Creative Production](#)
- [Cultural Studies](#)
- [Digital and Social Media](#)
- [Game Production](#)
- [Graphic Design](#)
- [Global Screen Media](#)
- [Indigenous Studies](#)
- [International Relations](#)
- [Legal Studies](#)

- Modern History
- Photography
- Politics
- Science and Technology Studies

Information can be found on the [2019 LHA General Schedule of Minors](#) page.

Note that students completing this degree cannot complete a major or minor in Journalism.

## Compulsory Work Placement / Online Component

This course contains a minimum of 70 hours of compulsory work-based placements. This course may also contain compulsory components to be completed online.

Students in the Bachelor of Journalism will complete this placement in the Journalism Internship subject, [JRNL304](#), in their final year. This subject provides students with the opportunity to apply the skills acquired during their university subjects as an internship with a professional media organisation. Students will be required to work in the newsroom (or other suitable work environment). Students who obtain a position in a newsroom will be required to work under the direction of a chief of staff, news director or other nominated person. They will be expected to research, write and, where necessary, produce audio and video stories to deadline. This may be daily, weekly or monthly, depending on the publication/broadcast deadlines of the publication/program they are working for. Students who obtain work experience in a cognate field will be required to produce content (speeches, information packs, media releases, or other documents). Again, they will work under the direction of a nominated employee.

This course may also contain compulsory components to be completed online.

## Other Information

Further information is available via email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

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Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Journalism - Bachelor of Arts | 2019

Testamur Title of Degree:	Bachelor of Journalism - Bachelor of Arts
Abbreviation:	BJrnl-BA
UOW Course Code:	853
CRICOS Code:	058984J
Total Credit Points:	216
Duration:	4.5 years full-time or part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn/Spring*
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 751660



\*Students eligible for Credit Transfer may begin in Summer Session if appropriate subjects are available.

## Overview

Combining Journalism with Arts places a strong emphasis on applied learning, and offers a broad introduction to ways in which new media practices shape our everyday lives, both in the workplace and in our communities. It will equip you with critical and innovative thinking skills, effective communication and creative writing skills, all of which are required for high achievement in a range of journalism careers.

Journalism and reporting is an evolving industry that encompasses a multitude of media including print, television, radio, web, and social media to inform, engage and entertain. Studying a Bachelor of Journalism degree alongside a Bachelor of Arts degree will teach you to gather, assess, create and present news and information to a wide range of audiences and also write, edit and publish a broad variety of written materials. The Bachelor of Journalism - Bachelor of Arts also allows you to gain foundational knowledge in many traditional areas of study including history, literature, languages and philosophy and the disciplines of social sciences, cultural studies, sociology and politics.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

The course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Please refer to the Course Handbook page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

To qualify for award of this degree, students must complete a minimum of 216 credit points comprised of the following:

1. Core subjects for the [Bachelor of Journalism](#) (96 credit points);
2. At least one of the majors in the [Bachelor of Arts](#) degree (minimum 48 and maximum 60 credit points);
3. A second major (minimum 48 and maximum 60 credit points), or a minor (minimum 24 credit points), from within the Faculty of Law, Humanities and the Arts (excluding Journalism); and
4. Elective subjects to bring the total number of credit points completed to 216.

Notes:

- No more than 90 credit points at 100 level;
- A clear pass must be achieved in the core 300 level subjects.

## Majors and Minors

Students completing this degree will complete at least one Major, and either a second Major or a Minor chosen from the [Bachelor of Arts](#).

Students studying in this degree cannot take a Journalism Major or Minor.

## Compulsory Work Placement / Online Component

This course contains a minimum of 70 hours of compulsory work-based placements. This course may also contain compulsory components to be completed online.

Students in the Bachelor of Journalism will complete this placement in the Journalism Internship subject, [JRN304](#), in their final year. This subject provides students with the opportunity to apply the skills acquired during their university subjects as an internship with a professional media organisation. Students will be required to work in the newsroom (or other suitable work environment). Students who obtain a position in a newsroom will be required to work under the direction of a chief of staff, news director or other nominated person. They will be expected to research, write and, where necessary, produce audio and video stories to deadline. This may be daily, weekly or monthly, depending on the publication/broadcast deadlines of the publication/program they are working for. Students who obtain work experience in a cognate field will be required to produce content (speeches, information packs, media releases, or other documents). Again, they will work under the direction of a nominated employee.

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

The [Faculty of Law, Humanities and the Arts internship program](#) provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Some Majors will have a specific internship subject available for students. Otherwise, students can consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your

professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Honours

Honours is a fourth year of study that provides training in independent research. Students who complete the single degree with the required academic standard are encouraged to proceed to the [Bachelor of Arts \(Honours\)](#). Please refer to the handbook page for further information about the degree and entry requirements.

## Other Information

Creative Arts may apply quotas on subjects to ensure optimal class sizes.

Further information is available via email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 14 December, 2018

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# 2019 Undergraduate Courses

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Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Journalism - Bachelor of Commerce | 2019

Testamur Title of Degree:	Bachelor of Journalism - Bachelor of Commerce
Abbreviation:	BJrnl-BCom
UOW Course Code:	854
CRICOS Code:	058985G
Total Credit Points:	216
Duration:	4.5 years full-time or part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 751661

## Overview

By combining a Bachelor of Journalism with a Bachelor of Commerce, you will be able to present information and develop compelling, business-based news stories to a range of different audiences. You will be able to analyse and interpret economic theories and critical commercial information, and engaging your audience with well-crafted stories. Through practice-based subjects and your own research you will also attain a broader understanding of the world through a commercial lens. Graduates can work within large or small corporate organisations, for a specialist publication or a generalist media organisation.

The Bachelor of Journalism provides in-depth hands-on training in journalism, converging media (radio, TV, web, phone, tablet), digital communication and multimedia storytelling. It has a strong professional focus, with an emphasis on practical learning with studio-based studies in multimedia content production. You will learn to research, produce and present entertaining and timely stories through video, audio, print and digital technologies including podcasting and webcasting, working both independently and collaboratively.

Today's business environment is dynamic and complex. The Bachelor of Commerce degree provides core skills in many business functions as well as specialist knowledge in a chosen field. Throughout this degree you will have the opportunity to gain practical, real-world experience and make professional connections, including the opportunity to participate in the Business Internship program.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

The outcomes which are common and consolidated in this joint degree ensure that on successful completion of the course students will be able to:

CLO	Description
1	Demonstrate the ability to apply professional practices through collaborative work;

2	Demonstrate the ability to apply professional practices independently;
3	Communicate effectively orally and in writing;
4	Apply ethical principles to a range of contexts.

Please refer to the [Course Handbook](#) page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

To qualify for the award of this degree, students must complete a minimum of 216 credit points comprised of the following:

1. Core subjects for the [Bachelor of Journalism](#) (96 credit points);
2. 102 credit points from the [Bachelor of Commerce](#) comprising core subjects (including the capstone subject), plus at least one major;
3. Electives to bring the total credit points to 216;

Notes:

- No more than 90 credit points at 100 level.
- Students must achieve a clear pass in the core 300 level subjects.

## Majors

Students completing this degree will complete a major chosen from the [Bachelor of Commerce](#).

## Compulsory Work Placement / Online Component

This course contains a minimum of 70 hours of compulsory work-based placements. This course may also contain compulsory components to be completed online.

Students in the Bachelor of Journalism will complete this placement in the Journalism Internship subject, [JRNL304](#), in their final year. This subject provides students with the opportunity to apply the skills acquired during their university subjects as an internship with a professional media organisation. Students will be required to work in the newsroom (or other suitable work environment). Students who obtain a position in a newsroom will be required to work under the direction of a chief of staff, news director or other nominated person. They will be expected to research, write and, where necessary, produce audio and video stories to deadline. This may be daily, weekly or monthly, depending on the publication/broadcast deadlines of the publication/program they are working for. Students who obtain work experience in a cognate field will be required to produce content (speeches, information packs, media releases, or other documents). Again, they will

work under the direction of a nominated employee.

## Honours

Honours is a fourth year of study that provides training in independent research. Students who complete the double degree with the required academic standard are encouraged to proceed to the [Bachelor of Commerce \(Honours\)](#). Please refer to the handbook page for further information about this degree and entry requirements.

## Other Information

Further information is available via email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 3 October, 2018

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# 2019 Undergraduate Courses

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Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Journalism - Bachelor of Communication and Media | 2019

Testamur Title of Degree:	Bachelor of Journalism - Bachelor of Communication and Media
Abbreviation:	BJrnl-BCM
UOW Course Code:	1796
CRICOS Code:	094803J
Total Credit Points:	216
Duration:	4.5 years full-time or part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 751664

## Overview

Studying a Bachelor of Journalism with a Bachelor of Communication and Media will help you succeed in advertising, public relations and corporate branding. You will learn how to present news and information to a wide range of audiences, while gaining the skills to write, edit and publish a broad variety of written materials. You will be able to research, plan, and execute communication campaigns and acquire skills in issue management, product publicity, crisis communications, and media relations.

The Bachelor of Communication and Media degree offers students a strong foundation in the global communication and media industries. This degree has a focus on preparing students for global careers in digital and social media, visual communication design, journalism, global screen media, marketing, communication and advertising. Students will encounter key ideas in the study and practice of media and communications, and gain flexible and transferable skills that will prepare them for informed engagement with the changing world of global media culture.

The Bachelor of Journalism provides in-depth hands-on training in journalism, converging media (radio, TV, web, phone, tablet), digital communication and multimedia storytelling. It has a strong professional focus, with an emphasis on practical learning with studio-based studies in multimedia content production. You will learn to research, produce and present entertaining and timely stories through video, audio, print and digital technologies including podcasting and webcasting, working both independently and collaboratively.

Combining studies in Journalism with a degree in Communication and Media will offer you a broad introduction to the ways that new media shapes our everyday lives - both in the workplace and in our communities. You'll learn critical and innovative thinking skills, and effective communication and creative writing skills, all of which are required for a successful career in a range of communication and journalism roles.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

The course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Please refer to the Course Handbook page of each individual degree for a comprehensive list of degree course learning outcomes.

# Course Structure

To qualify for the award of this degree, students must complete a minimum of 216 credit points comprised of the following:

1. All core subjects outlined in the schedule below (138 credit points);
2. One of the majors (excluding Journalism) for the [Bachelor of Communication and Media](#) (48 credit points);
3. Elective subjects to bring the total number of credit points completed to 216.

Notes:

- No more than 90 credit points in 100-level subjects.
- Students must achieve a clear pass in the core 300 level subjects.
- Students in the Bachelor of Journalism - Bachelor of Communication and Media cannot take the Journalism major.

Subject Code	Subject Name	Credit Points
<a href="#">BCM 110</a>	Introduction to Communication and Media	6
<a href="#">BCM 111</a>	Global Media and Culture	6
<a href="#">BCM 113</a>	Media Ethics and Law	6
<a href="#">BCM 114</a>	Making Media	6
<a href="#">JRNL101</a>	Media Reporting and Storytelling 1	6
<a href="#">JRNL102</a>	Multimedia Reporting and Production	6
<a href="#">BCM 212</a>	Understanding Research Practice	6
<a href="#">BCM 222</a>	Global Media and Social Justice	6
<a href="#">BCM 241</a>	Media Ethnographies	6
<a href="#">JRNL202</a>	Mobile Journalism	6
<a href="#">JRNL203</a>	Audio Journalism Production 1	6
<a href="#">JRNL204</a>	Video Journalism Production 1	6
<a href="#">JRNL212</a>	Magazine and Lifestyle Journalism	6
<a href="#">JRNL250</a>	Professional Writing 1	6

<a href="#">JRNL301</a>	Data Journalism Research and Investigation	6
<a href="#">JRNL302</a>	Narrative Portfolio	6
<a href="#">JRNL303</a>	Journalism Newsroom	6
<a href="#">JRNL304</a>	Journalism Internship	6
<a href="#">JRNL313</a>	Podcasting and Audio Journalism Production 2	6
<a href="#">JRNL314</a>	Video Journalism Production 2	6
<a href="#">JRNL315</a>	Journalism Project (Journalism Capstone)	6
<b>Plus a minimum of ONE of the following Communication and Media Capstones:</b>		
<a href="#">BCM 312</a>	Emerging Issues in Media & Communication	6
<a href="#">BCM 313</a>	The Future of Work	6

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Majors and Minors

Students completing this degree will complete a major from the [Bachelor of Communication and Media](#) degree (excluding the Journalism Major).

Students may choose to use their elective subjects to study a minor. Information on minors available in the [Bachelor of Communication and Media](#) and the [Bachelor of Journalism](#) are available on each handbook page.

## Compulsory Work Placement / Online Component

This course contains a minimum of 70 hours of compulsory work-based placements. This course may also contain compulsory components to be completed online.

Students in the Bachelor of Journalism will complete this placement in the

Journalism Internship subject, [JRNL304](#), in their final year. This subject provides students with the opportunity to apply the skills acquired during their university subjects as an internship with a professional media organisation. Students will be required to work in the newsroom (or other suitable work environment). Students who obtain a position in a newsroom will be required to work under the direction of a chief of staff, news director or other nominated person. They will be expected to research, write and, where necessary, produce audio and video stories to deadline. This may be daily, weekly or monthly, depending on the publication/broadcast deadlines of the publication/program they are working for. Students who obtain work experience in a cognate field will be required to produce content (speeches, information packs, media releases, or other documents). Again, they will work under the direction of a nominated employee.

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

The [Faculty of Law, Humanities and the Arts internship program](#) provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Students are also encouraged to consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Honours

Honours is a fourth year of study that provides training in independent research. Students who complete the degree with the required academic standard are encouraged to proceed to the [Bachelor of Communication and Media \(Honours\)](#). Please refer to the handbook page for further information about the degree and entry requirements.

## Other Information

Further information is available via email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

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# 2019 Undergraduate Courses

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Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Journalism - Bachelor of Engineering (Honours) | 2019

Testamur Title of Degree:	Bachelor of Journalism - Bachelor of Engineering (Honours)
Abbreviation:	BJrnl-BE(Hons)
UOW Course Code:	1877
CRICOS Code:	085262G
Total Credit Points:	264
Duration:	5.5 years full-time or part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 751665

## Overview

The Bachelor of Journalism - Bachelor of Engineering (Honours) degree is an excellent choice for those keen to pursue a career as a professional engineer or administrator within an engineering environment. Graduates can also work for a specialist publication or a generalist media organisation.

The Bachelor of Journalism provides in-depth hands-on training in journalism, converging media (radio, TV, web, phone, tablet), digital communication and multimedia storytelling. It has a strong professional focus, with an emphasis on practical learning with studio-based studies in multimedia content production. You will learn to research, produce and present entertaining and timely stories through video, audio, print and digital technologies including podcasting and webcasting, working both independently and collaboratively.

Engineers design and create solutions for everyday life, from the large scale to the nano-level. The Bachelor of Engineering (Honours) at UOW focuses on developing practical skills to make life work for everyone. Our Engineering courses are designed to meet the needs of modern engineering and the innovative focus of industry.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

The outcomes which are common and consolidated in this joint degree ensure that on successful completion of the course students will be able to:

CLO	Description
1	Apply the skills required to function effectively as part of a team;
2	Independently research and produce disciplinary responses;
3	Effectively communicate with a range of audiences;
4	Apply culturally informed principles to disciplinary work;
5	Communicate complex legal concepts effectively to a range of audiences;



6	Apply ethical principles to disciplinary work.
---	--

Please refer to the [Course Handbook](#) page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

To qualify for the award of this degree, students must complete a minimum of 264 credit points comprised of the following:

1. 90 credit points of core subjects for the [Bachelor of Journalism](#) as outlined in the schedule below;
2. 174 credit points of Engineering subjects taken from the following:
  - a. [Bachelor of Engineering \(Honours\) - Core Subjects](#)
  - b. Plus the subjects leading to one of the Engineering degrees:
    - [Bachelor of Engineering \(Honours\) \(Biomedical Engineering\)](#)
    - [Bachelor of Engineering \(Honours\) \(Civil Engineering\)](#)
    - [Bachelor of Engineering \(Honours\) \(Environmental Engineering\)](#)
    - [Bachelor of Engineering \(Honours\) \(Materials Engineering\)](#)
    - [Bachelor of Engineering \(Honours\) \(Mechanical Engineering\)](#)
    - [Bachelor of Engineering \(Honours\) \(Mechatronic Engineering\)](#)
    - [Bachelor of Engineering \(Honours\) \(Mining Engineering\)](#)

Notes:

- No more than 90 credit points at 100 level.
- Students must achieve a clear pass in the core 300 level subjects.

### Journalism Core Subjects for the Bachelor of Journalism-Bachelor of Engineering (Honours)

Subject Code	Subject Name	Credit Points
<a href="#">BCM 110</a>	Introduction to Communication and Media Studies	6
<a href="#">BCM 113</a>	Media Ethics and Law	6
<a href="#">JRNL101</a>	Media Reporting and Storytelling 1	6
<a href="#">JRNL102</a>	Multimedia Reporting and Production	6
<a href="#">JRNL202</a>	Mobile Journalism	6
<a href="#">JRNL203</a>	Audio Journalism Production 1	6
<a href="#">JRNL204</a>	Video Journalism Production 1	6

<a href="#">JRNL212</a>	Magazine and Lifestyle Journalism	6
<a href="#">JRNL301</a>	Data Journalism Research and Investigation	6
<a href="#">JRNL302</a>	Narrative Portfolio	6
<a href="#">JRNL303</a>	Journalism Newsroom	6
<a href="#">JRNL304</a>	Journalism Internship	6
<a href="#">JRNL313</a>	Podcasting and Audio Journalism Production 2	6
<a href="#">JRNL314</a>	Video Journalism Production 2	6
<a href="#">JRNL315</a>	Journalism Project	6

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Compulsory Work Placement / Online Component

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

As part of the Engineering degree, students are required to complete a period of professional experience within an industry related to their major. This compulsory component is comprised of 420 hours over 12 weeks of work-based placement. It is preferable that candidates undertake this requirement during the summer recess, between the third and fourth years of the [Bachelor of Engineering \(Honours\)](#) degree. Exemption from the requirement may be given to a student who has passed one or more of the Professional Option subjects. Refer to Discipline Directors of Studies for details.

For the Journalism component of the double degree, students must complete a minimum of 70 hours of compulsory work-based placements. Students will complete this placement in the Journalism Internship subject, [JRNL304](#), in their final year. This subject provides students with the opportunity to apply the skills acquired during their university subjects as an internship with a professional media organisation. Students will be required

to work in the newsroom (or other suitable work environment). Students who obtain a position in a newsroom will be required to work under the direction of a chief of staff, news director or other nominated person. They will be expected to research, write and, where necessary, produce audio and video stories to deadline. This may be daily, weekly or monthly, depending on the publication/broadcast deadlines of the publication/program they are working for. Students who obtain work experience in a cognate field will be required to produce content (speeches, information packs, media releases, or other documents). Again, they will work under the direction of a nominated employee.

In total students complete 490 hours of work-based placement over 14 weeks. This course may also contain compulsory components to be completed online.

## Other Information

Further information is available via email from Law, Humanities, and the Arts [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au) or Engineering [eis@uow.edu.au](mailto:eis@uow.edu.au)

Last reviewed: 9 November, 2018

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# 2019 Undergraduate Courses

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Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Journalism - Bachelor of International Studies | 2019

Testamur Title of Degree:	Bachelor of Journalism - Bachelor of International Studies
Abbreviation:	BJrnl-BIntSt
UOW Course Code:	1829
CRICOS Code:	069405J
Total Credit Points:	Minimum of 216
Duration:	4.5 years full-time or part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 751666
Additional	<a href="#">Course Finder</a>

Information:

## Overview

Combining a Bachelor of Journalism degree with a Bachelor of International Studies will allow you to explore global issues as you develop the skills needed to effectively research and communicate these stories on a global scale, across national, cultural and linguistic barriers.

The Bachelor of Journalism provides in-depth hands-on training in journalism, converging media (radio, TV, web, phone, tablet), digital communication and multimedia storytelling. It has a strong professional focus, with an emphasis on practical learning with studio-based studies in multimedia content production. You will learn to research, produce and present entertaining and timely stories through video, audio, print and digital technologies including podcasting and webcasting, working both independently and collaboratively.

International Studies is the analysis, appreciation and understanding of the diversity of the global community. It examines the relationships of politics, society, culture, language, and history in a range of countries. From climate change and global inequalities to international conflict and the movement of refugees, we understand global challenges mainly through journalism and the media.

## Entry Requirements

Academic requirements and English requirements are available from the [Course Finder](#).

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

The outcomes, which are common and consolidated in this joint degree, ensure that on successful completion of the course students will be able to:

CLO	Description
1	Apply a principle-based approach to disciplinary work and global citizenship;
2	Employ a wide range of sources to disciplinary analysis;

3	Communicate effectively to a range of audiences.
---	--

Please refer to the [Course Handbook](#) page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

To qualify for the award of this degree, students must complete a minimum of 216 credit points comprised of the following:

1. Core subjects for the [Bachelor of Journalism](#) (96 credit points);
2. Core subjects for the [Bachelor of International Studies](#) (24 credit points);
3. A minimum of a minor in a language other than English (24 credit points);
4. One of the majors listed for the [Bachelor of International Studies](#) (48 credit points);

Notes:

- No more than 90 credit points at 100 level.
- Students must achieve a clear pass in the core 300 level subjects.

## Majors and Minors

Students completing this degree will complete one of the majors chosen from the [Bachelor of International Studies](#), and a minor in a language other than English.

## Compulsory Work Placement / Online Components

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

This course contains a minimum of 70 hours of compulsory work-based placements. This course may also contain compulsory components to be completed online.

Students in the Bachelor of Journalism will complete this placement in the Journalism Internship subject, [JRNL304](#), in their final year. This subject provides students with the opportunity to apply the skills acquired during their university subjects as an internship with a professional media organisation. Students will be required to work in the newsroom (or other suitable work environment). Students who obtain a position in a newsroom will be required to work under the direction of a chief of staff, news director or other nominated person. They will be expected to research, write and, where necessary, produce audio and video stories to deadline. This may be daily, weekly or monthly, depending on the publication/broadcast deadlines

of the publication/program they are working for. Students who obtain work experience in a cognate field will be required to produce content (speeches, information packs, media releases, or other documents). Again, they will work under the direction of a nominated employee.

## Honours

Honours is a fourth year of study that provides training in independent research. Students who complete the double degree with the required academic standard are encouraged to proceed to the [Bachelor of International Studies \(Honours\)](#). Please refer to the handbook page for further information about this degree and entry requirements.

## Other Information

Further information is available via email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 6 March, 2019

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Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Journalism - Bachelor of Laws | 2019

Testamur Title of Degree:	Bachelor of Journalism - Bachelor of Laws
Abbreviation:	BJrnl-LLB
UOW Course Code:	1890
CRICOS Code:	094214G
Total Credit Points:	240
Duration:	5 years full-time or *part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 751211

\*Students interested in studying this degree part-time should consult with the Law Head of Students by contacting [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au).

## Overview

A Bachelor of Journalism - Bachelor of Laws from UOW equips you with a comprehensive legal education: a world-class degree that provides a thorough grounding in the law, as well as a real-world focus on the essential practical skills and the social and ethical context in which the law operates.

Combining Law with Journalism prepares you to operate professionally in the changing media world, while understanding the legal implications of a global industry. It opens up a wide range of career options through specialist knowledge in media law, intellectual property law and ethics, and strong production skills in print, online and broadcast journalism.

We believe that practical experience is a vital part of your legal training. We are the only law school in New South Wales that requires you to complete a legal internship, providing highly valued industry experience.

We are committed to social justice and providing a legal education that engages with the complexities of law's intersection with society.

This double degree delivers a practical and contextual legal education that prepares graduates not only for traditional careers in the legal profession but also for a wide range of careers in government, business and community organisations – as leaders, innovators and problem solvers.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

The outcomes, which are common and consolidated in this double degree, ensure that on successful completion of the course students will be able to:

CLO	Description
1	Apply ethical principles to a range of contexts;
2	Investigate, evaluate and interpret research sources;

3	Communicate effectively to a range of audiences through a range of media.
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Please refer to the [Course Handbook](#) page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

To qualify for the award of the degree, the Bachelor of Journalism - Bachelor of Laws, a candidate must successfully complete at least 240 credit points comprised of:

1. All compulsory Law subjects as set out in the schedule below (114 credit points);
2. 30 credit points of electives from the [Bachelor of Laws \(Graduate Entry\)](#) elective list;
3. 96 credit points of core subjects for the [Bachelor of Journalism](#).

Subject Code	Subject Name	Credit Points
<b>Year 1</b>		
<a href="#">LLB1100</a>	Foundations of Law	6
<a href="#">LLB1115</a>	Legal Skills	6
<a href="#">LLB1120</a>	Law of Contract A	6
<a href="#">LLB1130</a>	Criminal Law and Procedure A	6
<a href="#">LLB1160</a>	Interpreting the Law	6
<a href="#">LLB1170</a>	Law of Contract B	6
<a href="#">LLB1180</a>	Criminal Law and Procedure B	6
<a href="#">LLB1197</a>	Legal Ethics & Professional Responsibility	6
<b>Year 2</b>		
<a href="#">LLB2220</a>	Property Law	6
<a href="#">LLB2230</a>	Administrative Law	6
<a href="#">LLB2270</a>	Equity and Trusts	6

<a href="#">LLB2280</a>	Constitutional Law	6
Plus subjects from the Journalism schedule		
<b>Year 3</b>		
<a href="#">LLB2225</a>	Advanced Legal Skills	6
<a href="#">LLB2240</a>	Law of Torts	6
<a href="#">LLB2290</a>	Jurisprudence	6
<a href="#">LLB3397</a>	Legal Internship	3
1 LLB Elective		
Plus subjects from the Journalism schedule		
<b>Year 4</b>		
<a href="#">LLB3300</a>	Remedies and Civil Procedure	6
<a href="#">LLB3302</a>	Law of Business Organisations	6
<a href="#">LLB3301</a>	Evidence	6
2 LLB Electives		
Plus subjects from the Journalism schedule		
<b>Year 5</b>		
3 LLB Electives		
<a href="#">LLB3399</a>	Law, Justice and Professional Practice	3
Plus subjects from the Journalism schedule		

**Part-time Study**

A student is considered part-time when they are enrolled in less than 75% of the standard load for a session. If you are seeking to complete your undergraduate law degree part-time, you are required to complete a minimum of 12 credit points (2 subjects) per session. Please refer to the [Recommended Study Sequence](#) for information.

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on

timetables, tutorials, and classes, visit the [Timetable page](#).

## Compulsory Work Placement / Online Component

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

Law students will complete a Legal Internship subject (LLB3397). This subject is the vehicle for a practical placement designed to expose students to the application of the law in practice; enable students to understand the importance of developing the skills of legal research; communication, drafting, practice management and problem solving; and enable students to observe and reflect upon the values, ethical standards and conduct of the legal profession in practice. This compulsory requirement involves 140 hours of work-based placement over 4 weeks.

Students in this double degree, students must complete a minimum of 70 hours of compulsory work-based placements. Students will complete this placement in the Journalism Internship subject, [JRNL304](#), in their final year. This subject provides students with the opportunity to apply the skills acquired during their university subjects as an internship with a professional media organisation. Students will be required to work in the newsroom (or other suitable work environment). Students who obtain a position in a newsroom will be required to work under the direction of a chief of staff, news director or other nominated person. They will be expected to research, write and, where necessary, produce audio and video stories to deadline. This may be daily, weekly or monthly, depending on the publication/broadcast deadlines of the publication/program they are working for. Students who obtain work experience in a cognate field will be required to produce content (speeches, information packs, media releases, or other documents). Again, they will work under the direction of a nominated employee.

In total students complete 210 hours of compulsory work-based placement over 6 weeks. This course may also contain compulsory components to be completed online.

## Law Professional Recognition/Accreditation

The UOW Bachelor of Laws (single LLB or in combination with another degree) is accredited by the Legal Profession Admission Board (LPAB) as satisfying the academic requirements necessary for admission to the Australian legal profession. On completion of the Bachelor of Laws, a student who wishes to practise as a barrister or solicitor must also undertake some form of professional practical training, the requirements for which vary

between each state and territory of Australia.

In New South Wales, a student who intends to qualify for admission to practice is required to undertake a practical legal training (PLT) course accredited by the LPAB, followed by or incorporating a period of practical experience in a law-related setting. Practical experience gained by students in [LLB3397 Legal Internship](#) may be counted towards this practical experience requirement. Graduates should check with their PLT provider. A list of LPAB accredited PLT courses can be found on the [LPAB website](#).

Students who intend to practise as solicitors after admission will be subject to a period of restricted practice and the mandatory continuing legal education requirements. Further information is available from the [Law Society of New South Wales](#). Students who intend to practise as barristers after admission will be required to read with a senior barrister for a period of time and to undertake the Bar Readers' Course and Bar Examination before being qualified to take briefs on their own account. Further information is available from the [New South Wales Bar Association](#).

## Honours

High achieving students enrolled in this double degree may consult with the [Honours Coordinator in Law](#) regarding the possibility of transferring into an [Honours Law](#) degree.

A student who successfully transfers into an Honours program but does not meet the minimum performance standards required for the award of Honours will be permitted to transfer back to the double degree in which they were enrolled immediately prior to the transfer into the Honours course, and will be awarded credit for the number of credit points passed in the Honours degree.

## Other Information

Further information is available via email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 13 June, 2019

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### Connect with us



On the lands that we study, we walk, and we live, we acknowledge and respect the traditional custodians and cultural knowledge holders of these lands.

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# 2019 Undergraduate Courses

Home

Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Journalism - Bachelor of Science | 2019

Testamur Title of Degree:	Bachelor of Journalism - Bachelor of Science
Abbreviation:	BJrnl-BSc
UOW Course Code:	859
CRICOS Code:	058982M
Total Credit Points:	Minimum of 216
Duration:	Minimum 4.5 years full-time or part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 751663



## Overview

The Bachelor of Journalism - Bachelor of Science double degree allows you to present science in an effective and persuasive way to a range of audiences. Media organisations are frequently looking for journalists who can offer specialist skills and industry knowledge. As a result of this double degree you will be able to analyse and interpret theories and findings while engaging your viewer, listener or reader.

The Bachelor of Journalism provides in-depth hands-on training in journalism, converging media (radio, TV, web, phone, tablet), digital communication and multimedia storytelling. It has a strong professional focus, with an emphasis on practical learning with studio-based studies in multimedia content production. You will learn to research, produce and present entertaining and timely stories through video, audio, print and digital technologies including podcasting and webcasting, working both independently and collaboratively.

The Bachelor of Science will give you a broad understanding of your chosen specialisation, helping you apply an evidence based approach to the natural and social world. Science, Technology, Engineering and Mathematics (STEM) skills in Australia is becoming a fast-growing area creating new and increased job prospects. There is a forecasted growth of 12.7% in the Professional, Scientific and Technical Services Industry for 2017-2022 and with this brings exciting employment opportunities and career options. Source: [Employment Projections](#).

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

The outcomes which are common and consolidated in this joint degree ensure that on successful completion of the course students will be able to:

CLO	Description
1	Apply knowledge and relevant technical and professional skills to produce disciplinary work;

2	Critically and reflectively evaluate ideas and processes;
3	Demonstrate technical and cognitive skills in locating and selecting relevant information for specialised use;
4	Communicate effectively to a range of audiences.

Please refer to the [Course Handbook](#) page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

To qualify for the award of this degree, students must complete a minimum of 216 credit points comprised of the following:

1. Core subjects for the [Bachelor of Journalism](#) (96 credit points);
2. A major in the [Bachelor of Science](#);
3. Elective subjects to bring the total number of credit points completed to 216.

Notes:

- Students may be required to complete more than 216 credit points, depending on the [Bachelor of Science](#) major they choose to study.
- No more than 90 credit points at 100 level.
- Students must achieve a clear pass in the core 300 level subjects.

## Majors and Minors

Students completing this degree will complete a major chosen from the [Bachelor of Science](#).

Students can also take a minor study as part of their degree program provided they meet the requirements set. Information is available on the [2019 General Schedule of Minors](#) page.

Students enrolled in this degree cannot complete a Journalism minor.

## Compulsory Work Placement / Online Components

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

This course contains a minimum of 70 hours of compulsory work-based placements. This course may also contain compulsory components to be completed online.

Students in the [Bachelor of Journalism](#) will complete this placement in the

Journalism Internship subject, [JRNL304](#), in their final year. This subject provides students with the opportunity to apply the skills acquired during their university subjects as an internship with a professional media organisation. Students will be required to work in the newsroom (or other suitable work environment). Students who obtain a position in a newsroom will be required to work under the direction of a chief of staff, news director or other nominated person. They will be expected to research, write and, where necessary, produce audio and video stories to deadline. This may be daily, weekly or monthly, depending on the publication/broadcast deadlines of the publication/program they are working for. Students who obtain work experience in a cognate field will be required to produce content (speeches, information packs, media releases, or other documents). Again, they will work under the direction of a nominated employee.

## Honours

Honours is an additional year of study that provides training in independent research. Students who complete the double degree with the required academic standard are encouraged to proceed to the [Bachelor of Science \(Honours\)](#). Please refer to the Course Handbook page for further information about this degree.

## Other Information

Further information is available via email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 18 February, 2019

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# 2019 Undergraduate Courses

Home



**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Diploma in Languages | 2019

Testamur Title of Degree:	Diploma in Languages
Abbreviation:	DipLang
UOW Course Code:	1002
CRICOS Code:	098259G
Total Credit Points:	48
Duration:	3 years part-time  Students are required to complete sequential language subjects over a minimum of 6 semesters depending on level of entry. Please refer to the specific language in the handbook for subjects and session availability.
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn; Spring only after consultation
Delivery Mode:	On-campus

Delivery Campus /  
UAC Code:

Wollongong / 753140

## Overview

The globalisation of the economy and culture means that knowledge of a language is more and more in demand. Learning a second language will develop and improve your communication skills and give you a greater understanding of a different country and its culture. Studying a language makes you more employable and will prepare you to work in a multicultural and globalised economy.

In the core subjects you will learn to understand and speak a language in social situations, and you will acquire an understanding of the cultural heritage, history and contemporary society of another country. The Diploma in Languages can be studied by itself (for Domestic students) or concurrently with another UOW degree (for both Domestic and International students); if studied concurrently, you would take one language subject per session, along with the other subjects from your degree. At the completion of your studies at UOW, you will graduate with two awards; your degree and the Diploma in Languages.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

International students cannot take the Diploma as a standalone program, and must study concurrently with another UOW degree.

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	A broad understanding of the language and grammar of a foreign language
2	Communicate in both spoken and written forms of a foreign language at the level of an independent user
3	Comprehend spoken and written forms of a foreign language at the level of an independent user

4	Critically analyse historical and socio-cultural forces that have shaped the people and the chosen language of study
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For learning outcomes specific to the chosen language of study, please see the entries below.

## Course Structure

To qualify for the award of the Diploma in Languages students must complete at least 48 credit points from subjects listed for:

- [Chinese \(Mandarin\) for Character Background Students](#)
- [Chinese \(Mandarin\) for Non-Chinese Background Students](#)
- [French](#)
- [Italian](#)
- [Japanese](#)
- [Spanish](#)

Subjects can be counted only in one degree. That is, subjects counted towards the Diploma cannot be counted towards another degree.

## Chinese (Mandarin) for Character Background Students

Mandarin is the first language of more than one billion people and is the most spoken language in the world. China has a 5,000-year history and culture and boasts the fastest-growing economy worldwide. Cultural and economic exchange between China and its neighbours is continually increasing and Chinese language skills are now in great demand. This UOW degree is for students who already know Chinese characters, but who either speak a Chinese dialect such as Shanghainese, Cantonese or Taiwanese and do not speak Mandarin, or wish to improve their Mandarin skills.

### Learning Outcomes

On successful completion of the Chinese (Mandarin) for Character Background Students program in the Diploma in Languages students will be able to:

1. Demonstrate an in-depth understanding of Mandarin language and grammar from the comparative linguistic perspective;
2. Effectively communicate in a wide range of genres in Mandarin, including academic essay writing at undergraduate level;
3. Comprehend Classical Chinese texts with the assistance of annotations;
4. Critically analyse and evaluate Chinese heritage, modern Chinese history and contemporary China;
5. Effectively translate texts from English into Chinese.

## Subjects Required for Major Study

A major in Chinese (Mandarin) for students with a background in Chinese characters consists of at least 48 credit points as outlined below.

Students commencing at beginner level must complete all core subjects, plus a minimum of two subjects from the list of electives. Other subjects (including study abroad and exchange) may be included with the permission of the [Languages and Linguistics Discipline Leader](#).

A student with appropriate prior language skills may commence at second year (with permission from the program). These students must complete all 200 and 300 level core subjects, all elective subjects, plus one other subject with the permission of the [Languages and Linguistics Discipline Leader](#).

Subject Code	Subject Name	Credit Points
<b>Year 1 Core</b>		
<a href="#">MAND161</a>	Chinese (Mandarin) for Character Background Students (CBS) 1	6
<a href="#">MAND162</a>	Chinese (Mandarin) for Character Background Students (CBS) 2	6
<b>Year 2 Core</b>		
<a href="#">MAND271</a>	Intermediate Chinese 1 for Character Background Students (CBS)	6
<a href="#">MAND272</a>	Intermediate Chinese 2 for Character Background Students (CBS)	6
<b>Year 3 Core</b>		
<a href="#">MAND371</a>	Advanced Chinese 1 for Character Background Students (CBS)	6
<a href="#">MAND372</a>	Advanced Chinese 2 for Character Background Students (CBS)	6
<b>Electives</b>		
<a href="#">ELL 110</a>	Language as a Cultural Tool	6
<a href="#">ELL 230</a>	Communication Across Cultures	6



HIST293	China since 1949	6
<p><b>Other Subjects (including study abroad and exchange):</b>  Students entering at 200 level must take ONE other subject. This should be chosen through discussion with the Mandarin Program or <a href="#">Languages and Linguistics Discipline Leader</a>.</p>		

Click on subject codes in the above tables for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Chinese (Mandarin) for Non-Chinese Background Students

Mandarin is the first language of more than one billion people and is the most spoken language in the world. China has a 5,000-year history and culture and boasts the fastest-growing economy worldwide. Cultural and economic exchange between China and its neighbours is continually increasing and Chinese language skills are now in great demand. The Chinese (Mandarin) for Non-Chinese Background Students major is for students who have no prior knowledge of the language, or of Chinese characters.

### Learning Outcomes

On successful completion of the Chinese (Mandarin) for Non-Chinese Background Students program in the Diploma in Languages will be able to:

1. Demonstrate a broad and coherent understanding of the Mandarin language and grammar;
2. Comprehend spoken and written Chinese equivalent to Level 3 in the Chinese Language Proficiency Scales for Speakers of Other Languages (CLPS) and B1 level in the Common European Framework of Reference for Languages (CEFR);
3. Communicate in both spoken and written Chinese equivalent to Level 3 in the CLPS and B1 level in the CEFR;
4. Critically analyse and evaluate historical events and socio-cultural forces that have shaped modern China, its people and language.

### Subjects Required for Major Study

A major in Chinese (Mandarin) for students without a background in Chinese consists of at least 48 credit points as outlined below.

Students commencing at beginner level must complete all core subjects, plus a minimum of two subjects from the list of electives. Other subjects (including study abroad and exchange) may be included with the permission

of the [Languages and Linguistics Discipline Leader](#).

A student who studied Mandarin to HSC level may commence at second year (with permission of the program). These students must complete all 200 and 300 level core subjects, all elective subjects, plus one other subject with the permission of the [Languages and Linguistics Discipline Leader](#).

Subject Code	Subject Name	Credit Points
<b>Year 1 Core</b>		
<a href="#">MAND151</a>	Chinese (Mandarin) for Beginners 1	6
<a href="#">MAND152</a>	Chinese (Mandarin) for Beginners 2	6
<b>Year 2 Core</b>		
<a href="#">MAND231</a>	Intermediate Chinese 1 for Non-Chinese Background Students (NCB)	6
<a href="#">MAND232</a>	Intermediate Chinese 2 for Non-Chinese Background Students (NCB)	6
<b>Year 3 Core</b>		
<a href="#">MAND331</a>	Advanced Chinese 1 for Non-Chinese Background Students (NCB)	6
<a href="#">MAND332</a>	Advanced Chinese 2 for Non-Chinese Background Students (NCB)	6
<b>Electives</b>		
<a href="#">ELL 110</a>	Language as a Cultural Tool	6
<a href="#">ELL 230</a>	Communication Across Cultures	6
<a href="#">HIST293</a>	China since 1949	6
<b>Other Subjects (including study abroad and exchange):</b> Students entering at 200 level must take ONE other subject. This should be chosen through discussion with the Mandarin Program or <a href="#">Languages and Linguistics Discipline Leader</a> .		

Click on subject codes in the above tables for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## French

French is one of the two working languages of the United Nations and many other organisations actively engaged in international politics and welfare (such as the Red Cross, the Olympic Games, the EU). As the language of a former colonial power and a language spoken on all five continents, it continues to play an important part in the arts, politics and daily lives of millions of people throughout the world.

### Learning Outcomes

On successful completion of the French program in the Diploma in Languages students will be able to:

1. Demonstrate a broad understanding of the French language and grammar;
2. Communicate in both spoken and written French at B2 Level in the Common European Framework of Reference for Languages (CEFR);
3. Comprehend spoken and written French at B2 level in the CEFR;
4. Critically analyse and evaluate historical events and socio-cultural forces that have shaped modern France, its people and language.

### Subjects Required for Major Study

A major in French consists of at least 48 credit points as outlined below.

Students commencing at beginner level must complete all core subjects, plus a minimum of one subject from the list of electives. Other subjects (including study abroad and exchange) may be included with the permission of the [Languages and Linguistics Discipline Leader](#).

A student who studied French to HSC level may commence at second year (with permission of the program). These students must complete all 200 and 300 level core subjects, all elective subjects, plus one other subject with the permission of the [Languages and Linguistics Discipline Leader](#).

Subject Code	Subject Name	Credit Points
<b>Year 1 Core</b>		
<a href="#">FREN151</a>	French for Beginners 1	6

<a href="#">FREN152</a>	French for Beginners 2	6
<b>Year 2 Core</b>		
<a href="#">FREN241</a>	Intermediate French 1	6
<a href="#">FREN242</a>	Intermediate French 2	6
<a href="#">FREN230</a>	The Making of France and the French Nation	6
<b>Year 3 Core</b>		
<a href="#">FREN341</a>	Advanced French 1	6
<a href="#">FREN342</a>	Advanced French 2	6
<b>Electives</b>		
<a href="#">FREN330</a>	France in the Twenty-first century	6
<a href="#">LANG335</a>	Literature and Society in Renaissance Europe	6
<p><b>Other Subjects (including study abroad and exchange):</b>  Students entering at 200 level must take ONE other subject. This should be chosen through discussion with the French Program or <a href="#">Languages and Linguistics Discipline Leader</a>.</p>		

Click on subject codes in the above tables for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Italian

Learning Italian will give you access to one of the richest European cultural traditions and to the language of opera, film and music, as well as the language of architecture, fashion and industrial design. Speaking Italian is advantageous if you are interested in international law, economics, commerce and trade. In addition, because of the large number of Italian speakers in Australia, Italian is also relevant to areas such as migrant studies and sociology.

### Learning Outcomes

On successful completion of the Italian program in the Diploma in

Languages students will be able to:

1. Demonstrate a broad understanding of the Italian language and grammar;
2. Communicate in both spoken and written Italian at B2 Level in the Common European Framework of Reference for Languages (CEFR);
3. Comprehend spoken and written Italian at B2 level in the CEFR;
4. Critically analyse and evaluate historical events and socio-cultural forces that have shaped modern Italy, its people and language.

## Subjects Required for Major Study

A major in Italian consists of at least 48 credit points as outlined below.

Students commencing at beginner level must complete all core subjects, plus a minimum of one subject from the list of electives. Other subjects (including study abroad and exchange) may be included with the permission of the [Languages and Linguistics Discipline Leader](#).

A student who studied Italian to HSC level may commence at second year (with permission of the program). These students must complete all 200 and 300 level core subjects, all elective subjects, plus one other subject with the permission of the [Languages and Linguistics Discipline Leader](#).

Subject Code	Subject Name	Credit Points
<b>Year 1 Core</b>		
<a href="#">ITAL151</a>	Italian for Beginners 1	6
<a href="#">ITAL152</a>	Italian for Beginners 2	6
<b>Year 2 Core</b>		
<a href="#">ITAL241</a>	Intermediate Italian 1	6
<a href="#">ITAL242</a>	Intermediate Italian 2	6
<a href="#">ITAL230</a>	Italy: Past and Present	6
<b>Year 3 Core</b>		
<a href="#">ITAL341</a>	Advanced Italian 1	6
<a href="#">ITAL342</a>	Advanced Italian 2	6
<b>Electives</b>		

<a href="#">ITAL330</a>	Advanced Studies in Italian	6
<a href="#">LANG335</a>	Literature and Society in Renaissance Europe	6
<p><b>Other Subjects (including study abroad and exchange):</b>  Students entering at 200 level must take ONE other subject. This should be chosen through discussion with the <a href="#">Languages and Linguistics Discipline Leader</a>.</p>		

Click on subject codes in the above tables for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Japanese

Japan offers a rich culture of history, literature and arts, with its long history and a culture which features both traditional and ultra-modern elements. Japan also plays an important role on the Asia-Pacific political and economic stage, and is one of Australia's major trading partners. The study of Japanese opens up a whole new world of linguistic and cultural experience that offers employment and research opportunities. It also provides access to the exciting culture of Japanese anime, manga and film.

### Learning Outcomes

On successful completion of the Japanese program in the Diploma in Languages students will be able to:

1. Demonstrate a broad and coherent understanding of the Japanese language and grammar;
2. Comprehend spoken and written Japanese to at least B1 Level in the Japan Foundation's (JF) Japanese Language Educational Standard;
3. Communicate in both spoken and written Japanese to at least B1 Level in the JF's Japanese Language Educational Standard;
4. Critically analyse and evaluate historical events and socio-cultural forces that have shaped modern Japan, its people and language.

### Subjects Required for Major Study

A major in Japanese consists of at least 48 credit points as outlined below.

Students commencing at beginner level must complete all core subjects plus one of either [JAPA341](#) and [JAPA343](#) and one of either [JAPA342](#) and [JAPA344](#). Other subjects (including study abroad and exchange) may be included with the permission of the [Languages and Linguistics Discipline Leader](#).

A student who studied Japanese to HSC level may commence at second year (with permission of the program). These students must complete all 200 and 300 level subjects listed..

Subject Code	Subject Name	Credit Points
<b>Year 1</b>		
<a href="#">JAPA141</a>	Beginner Japanese 1	6
<a href="#">JAPA142</a>	Beginner Japanese 2	6
<b>Year 2</b>		
<a href="#">JAPA220</a>	The Making of a Globalised Japan	6
<a href="#">JAPA241</a>	Intermediate Japanese 1	6
<a href="#">JAPA242</a>	Intermediate Japanese 2	6
<b>Year 3</b>		
<a href="#">JAPA320</a>	Advanced Readings in Japanese	6
<b>Plus a minimum of ONE of the following:</b>		
<a href="#">JAPA341</a>	Advanced Japanese 1	6
<a href="#">JAPA343</a>	Advanced Japanese 3	6
<b>Plus a minimum of ONE of the following:</b>		
<a href="#">JAPA342</a>	Advanced Japanese 2	6
<a href="#">JAPA344</a>	Advanced Japanese 4	6

Click on subject codes in the above tables for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Spanish

Spanish is the world's second most spoken language after Chinese, and is the second most used language in international communication. Speaking Spanish will allow you to communicate with more than 495 million people

worldwide and will also greatly increase your employment options with many of the world's leading economies demanding Spanish speakers. Hispanic culture continues to have a global impact on film, architecture, cinema, art and literature.

## Learning Outcomes

On successful completion of the Spanish program in the Diploma in Languages students will be able to:

1. Demonstrate a broad understanding of the Spanish language and grammar;
2. Communicate in both spoken and written Spanish at B2 Level in the Common European Framework of Reference for Languages (CEFR);
3. Comprehend spoken and written Spanish at B2 level in the CEFR;
4. Critically analyse and evaluate historical events and socio-cultural forces that have shaped the Hispanic world, its people and the Spanish language.

## Subjects Required for Major Study

A major in Spanish consists of at least 48 credit points as outlined below.

Students commencing at beginner level must complete all core subjects, plus a minimum of one subject from the list of electives. Other subjects (including study abroad and exchange) may be included with the permission of the [Languages and Linguistics Discipline Leader](#).

A student who studied Spanish to HSC level may commence at second year (with permission of the program). These students must complete all 200 and 300 level core subjects, all elective subjects, plus one other subject with the permission of the [Languages and Linguistics Discipline Leader](#).

Subject Code	Subject Name	Credit Points
<b>Year 1 Core</b>		
<a href="#">SPAN151</a>	Spanish for Beginners 1	6
<a href="#">SPAN152</a>	Spanish for Beginners 2	6
<b>Year 2 Core</b>		
<a href="#">SPAN241</a>	Intermediate Spanish 1	6
<a href="#">SPAN242</a>	Intermediate Spanish 2	6
<a href="#">SPAN230</a>	The Hispanic World	6



<b>Year 3 Core</b>		
<a href="#">SPAN341</a>	Advanced Spanish 1	6
<a href="#">SPAN342</a>	Advanced Spanish 2	6
<b>Electives:</b>		
<a href="#">SPAN330</a>	Advanced Studies in Spanish	6
<a href="#">LANG335</a>	Literature and Society in Renaissance Europe	6
<b>Other Subjects (including study abroad and exchange):</b>		
Students entering at 200 level must take ONE other subject. This should be chosen through discussion with the Spanish Program or <a href="#">Languages and Linguistics Discipline Leader</a> .		

Click on subject codes in the above tables for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Other Information

Students who complete the Diploma will receive a testamur on completion, however they do not attend a graduation ceremony specifically for the Diploma.

Further information is available via email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 9 July, 2020

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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Laws (Direct Entry) | 2019

Testamur Title of Degree:	Bachelor of Laws
Abbreviation:	LLB
UOW Course Code:	1881
CRICOS Code:	094205J
Total Credit Points:	180
Duration:	4 years full-time or *part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 756100 South Western Sydney

\*Students interested in studying this degree part-time should consult with

the Law Head of Students by contacting [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au).

## Overview

A Bachelor of Laws from UOW equips you with a comprehensive legal education: a world class degree that provides a thorough grounding in the law, as well as a real-world focus on the essential practical skills and the social and ethical context in which the law operates.

We believe that practical experience is a vital part of your legal training. We are the only law school in New South Wales that requires you to complete a legal internship, providing highly valued industry experience.

We are committed to social justice and providing a legal education which engages with the complexities of law's intersection with society.

This degree delivers a practical and contextual legal education that prepares graduates not only for traditional careers in the legal profession but also for a wide range of careers in government, business and community organisations – as leaders, innovators and problem solvers.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Demonstrate a sound understanding of the Australian legal system, including core areas of legal knowledge for Australian legal practice, and an appreciation of its international context;
2	Recognise and be able to resolve ethical problems in legal decision-making;
3	Apply reasoning and critical analysis to generate and effectively communicate appropriate and creative responses to complex legal issues;
4	Identify, research, evaluate and interpret relevant factual, legal and policy sources in order to articulate an original response;
5	Critically evaluate the impact of law on individuals, communities and society within a social justice framework;

6	Learn and work both independently and collaboratively and to reflect on their own skills and capabilities.
---	--

## Course Structure

To qualify for award of the degree, the Bachelor of Laws (Direct Entry), a candidate must successfully complete at least 180 credit points comprised of:

1. all compulsory Law subjects as set out in the Course Program below (114 credit points);
2. elective subjects to the value of 66 credit points from the Bachelor of Laws Elective Law Schedule - see [Bachelor of Laws \(Graduate Entry\)](#) for elective subjects.

Subject Code	Subject Name	Credit Points
<b>Year 1</b>		
<a href="#">LLB1100</a>	Foundations of Law	6
<a href="#">LLB1115</a>	Legal Skills	6
<a href="#">LLB1120</a>	Law of Contract A	6
<a href="#">LLB1130</a>	Criminal Law and Procedure A	6
<a href="#">LLB1160</a>	Interpreting the Law	6
<a href="#">LLB1170</a>	Law of Contract B	6
<a href="#">LLB1180</a>	Criminal Law and Procedure B	6
<a href="#">LLB1197</a>	Legal Ethics & Professional Responsibility	6
<b>Year 2</b>		
<a href="#">LLB2220</a>	Property Law	6
<a href="#">LLB2230</a>	Administrative Law	6
<a href="#">LLB2240</a>	Law of Torts	6
<a href="#">LLB2225</a>	Advanced Legal Skills	6
<a href="#">LLB2270</a>	Equity and Trusts	6

<a href="#">LLB2280</a>	Constitutional Law	6
<a href="#">LLB2290</a>	Jurisprudence	6
1 LLB Elective		
<b>Year 3</b>		
<a href="#">LLB3300</a>	Remedies and Civil Procedure	6
<a href="#">LLB3301</a>	Evidence	6
<a href="#">LLB3302</a>	Law of Business Organisations	6
<a href="#">LLB3397</a>	Legal Internship	3
5 LLB Electives		
<b>Year 4</b>		
<a href="#">LLB3399</a>	Law, Justice and Professional Practice	3
5 LLB Electives		

### Part-time Study

A student is considered part-time when they are enrolled in less than 75% of the standard load for a session. If you are seeking to complete your undergraduate law degree part-time, you are required to complete a minimum of 12 credit points (2 subjects) per session. Please refer to the [Recommended Study Sequence](#) for information.

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

### Electives

Students must successfully complete elective subjects to the value of 66 credit points from the Bachelor of Laws Elective Law Schedule - see [Bachelor of Laws \(Graduate Entry\)](#) for elective options.

PLEASE NOTE: The full range of electives may not be offered at any single campus.

Students have the option of taking electives at alternate campuses or online where available. Information on availability of subjects can be found on the

[Subject Database.](#)

## Compulsory Work Placement / Online Components

This course contains a total of 140 hours over 4 weeks of compulsory work-based placements. This course may also contain compulsory components to be completed online.

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

Law students will complete a Legal Internship subject (LLB3397). This subject is the vehicle for a practical placement designed to expose students to the application of the law in practice; enable students to understand the importance of developing the skills of legal research; communication, drafting, practice management and problem solving; and enable students to observe and reflect upon the values, ethical standards and conduct of the legal profession in practice.

## Professional Recognition/Accreditation

The UOW Bachelor of Laws (single LLB or in combination with another degree) is accredited by the Legal Profession Admission Board (LPAB) as satisfying the academic requirements necessary for admission to practice as a lawyer. On completion of the Bachelor of Laws, a student who wishes to practise as a barrister or solicitor must also undertake some form of professional practical training, the requirements for which vary between each state and territory of Australia.

In New South Wales, a student who intends to qualify for admission to practise as a legal practitioner is required to undertake a practical legal training (PLT) course accredited by the LPAB, followed by or incorporating a period of practical experience in a law-related setting. Practical experience gained by students in [LLB3397](#) Legal Internship may be counted towards this practical experience requirement (eg ANU and College of Law will recognise days completed as part of [LLB3397](#)). Graduates should check with their PLT provider. A list of LPAB accredited PLT courses can be found on the [LPAB website](#).

Students who intend to practise as lawyers after admission should obtain further information about restricted practice and the mandatory continuing legal education requirements from the Law Society of New South Wales. Students who intend to practise as barristers after admission will be required to read with a senior barrister for a period of time and to undertake the Bar Readers' Course before being qualified to take briefs on their own account.

Further information is available from the [New South Wales Bar Association](#).

## Honours

High achieving students who commence the Bachelor of Laws (course code 1881) in 2019 or after, are eligible to apply for the [Bachelor of Laws \(Direct Entry\) \(Honours\)](#) (Course Code 1883). Students should refer to the Handbook entry, or contact the School of Law via [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au) for more information.

A student who successfully transfers into the Honours program but does not meet the minimum performance standards will be permitted to transfer back to the Bachelor of Laws degree in which they were enrolled immediately prior to the transfer into the Honours course, and will be awarded credit to the Bachelor of Laws for the number of credit points passed in the Honours degree.

As an alternative, students who have completed all requirements for their Bachelor of Laws degree with a weighted average mark of 70% are eligible to apply for entry to the [Bachelor of Laws \(Honours\)\(Graduate Entry\)](#) (Course Code 359), which is a standalone honours program. Students who enrol in this Honours program must complete the subject [LLB4448](#) Research Honours in Law (36cp). Entry must be approved by the School of Law in consultation with the Honours Coordinator. The School of Law shall not approve entry into this course unless the Coordinator has agreed, in consultation with the student, on the program of study that will form the basis of the course curriculum for the degree.

## Other Information

The University of Wollongong attempts to ensure the information contained in the Course Handbook is correct at the time of publication. However, courses may be amended without notice by the University in response to changing circumstances or for any other reason. Check with the University for updated information.

For further information email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 12 June, 2019



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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Laws (Graduate Entry) | 2019

Testamur Title of Degree:	Bachelor of Laws
Abbreviation:	LLB
UOW Course Code:	1882
CRICOS Code:	094206G
Total Credit Points:	144
Duration:	3 years full-time or *part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn
Delivery Mode:	On-campus
Delivery Campus/UAC Code:	Wollongong / 756101 South Western Sydney

\*Students interested in studying this degree part-time should consult with the Law Head of Students by contacting [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au).

## Overview

A Bachelor of Laws from UOW equips graduates with a comprehensive legal education; a world class degree that provides a thorough grounding in the law, as well as a real-world focus on the essential practical skills and the social and ethical context in which the law operates.

We believe that practical experience is a vital part of your legal training. We are the only law school in New South Wales that requires you to complete a legal internship, providing highly valued industry experience.

We are committed to social justice and providing a legal education which engages with the complexities of law's intersection with society.

The Bachelor of Laws at UOW delivers a practical and contextual legal education that prepares graduates not only for traditional careers in the legal profession but also for a wide range of careers in government, business and community organisations – as leaders, innovators and problem solvers.

This degree is available only to graduates of disciplines other than law, with the exception that the degree is available to graduates of law degrees from outside Australia.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Demonstrate a sound understanding of the Australian legal system, including core areas of legal knowledge for Australian legal practice, and an appreciation of its international context;
2	Recognise and be able to resolve ethical problems in legal decision-making;
3	Apply reasoning and critical analysis to generate and effectively communicate appropriate and creative responses to complex legal

	issues;
4	Identify, research, evaluate and interpret relevant factual, legal and policy sources in order to articulate an original response;
5	Critically evaluate the impact of law on individuals, communities and society within a social justice framework;
6	Learn and work both independently and collaboratively and to reflect on their own skills and capabilities.

## Course Structure

To qualify for award of the degree, the Bachelor of Laws (Graduate Entry), a candidate must successfully complete at least 144 credit points, comprised of:

1. All compulsory Law subjects as set out in the Course Program below (114 credit points);
2. Elective subjects to the value of 30 credit points from the Bachelor of Laws Elective Law Schedule below.

Subject Code	Subject Name	Credit Points
<b>Year 1</b>		
<a href="#">LLB1100</a>	Foundations of Law	6
<a href="#">LLB1115</a>	Legal Skills	6
<a href="#">LLB1120</a>	Law of Contract A	6
<a href="#">LLB1130</a>	Criminal Law and Procedure A	6
<a href="#">LLB1160</a>	Interpreting the Law	6
<a href="#">LLB1170</a>	Law of Contract B	6
<a href="#">LLB1180</a>	Criminal Law and Procedure B	6
<a href="#">LLB1197</a>	Legal Ethics & Professional Responsibility	6
<b>Year 2</b>		
<a href="#">LLB2220</a>	Property Law	6
<a href="#">LLB2225</a>	Advanced Legal Skills	6

<a href="#">LLB2230</a>	Administrative Law	6
<a href="#">LLB2240</a>	Law of Torts	6
<a href="#">LLB2270</a>	Equity and Trusts	6
<a href="#">LLB2280</a>	Constitutional Law	6
<a href="#">LLB2290</a>	Jurisprudence	6
<a href="#">LLB3397</a>	Legal Internship	3
1 LLB Elective		
<b>Year 3</b>		
<a href="#">LLB3300</a>	Remedies and Civil Procedure	6
<a href="#">LLB3301</a>	Evidence	6
<a href="#">LLB3302</a>	Law of Business Organisations	6
4 LLB Electives		
<a href="#">LLB3399</a>	Law, Justice and Professional Practice	3

## Law Elective Schedule

Subject Code	Subject Name	Credit Points
<a href="#">LLB3303</a>	Family Law	6
<a href="#">LLB3313</a>	Legal Research Project A	6
<a href="#">LLB3315</a>	Government Law	6
<a href="#">LLB3316</a>	Work Health and Safety Law	6
<a href="#">LLB3319</a>	International Business Law	6
<a href="#">LLB3320</a>	Commercial and Consumer Contracts	6
<a href="#">LLB3321</a>	Banking Law	6
<a href="#">LLB3323</a>	Consumer Protection and Product	6

	Liability Law	
<a href="#">LLB3324</a>	Public Interest Law	6
<a href="#">LLB3325</a>	Children and the Law	6
<a href="#">LLB3326</a>	Gender, Sexuality and the Law	6
<a href="#">LLB3327</a>	Securities Regulation	6
<a href="#">LLB3328</a>	Law and Humanities	6
<a href="#">LLB3329</a>	Legal Practice in Rural and Regional Communities	6
<a href="#">LLB3330</a>	Law of Employment	6
<a href="#">LLB3331</a>	Intellectual Property Law	6
<a href="#">LLB3332</a>	Labour Regulation	6
<a href="#">LLB3334</a>	Environmental Law	6
<a href="#">LLB3335</a>	Anti-Discrimination Law	6
<a href="#">LLB3337</a>	Comparative Law	6
<a href="#">LLB3338</a>	International Trade Law	6
<a href="#">LLB3339</a>	Contemporary Issues in Criminal Justice	6
<a href="#">LLB3341</a>	Taxation Law	6
<a href="#">LLB3343</a>	International Law	6
<a href="#">LLB3344</a>	Indigenous Peoples and Legal Systems	6
<a href="#">LLB3346</a>	Interpreting Legal Texts	6
<a href="#">LLB3347</a>	Summary Justice and Public Order	6
<a href="#">LLB3348</a>	Media Law	6
<a href="#">LLB3350</a>	Special Study in Law A	6
<a href="#">LLB3351</a>	Special Study in Law B	6
<a href="#">LLB3352</a>	Jessup International Law Moot	6

<a href="#">LLB3353</a>	Contemporary Issues in Southeast Asian Law	6
<a href="#">LLB3354</a>	Human Rights Law	6
<a href="#">LLB3355</a>	Bankruptcy and Corporate Insolvency Law and Practice	6
<a href="#">LLB3356</a>	Insurance Law	6
<a href="#">LLB3358</a>	Marine Resources Law	6
<a href="#">LLB3359</a>	International Corporate Governance	6
<a href="#">LLB3360</a>	Foreign Investment Law in China	6
<a href="#">LLB3361</a>	Cultural Legal Studies	6
<a href="#">LLB3362</a>	Advanced Taxation Law	6
<a href="#">LLB3363</a>	Advanced Family Law	6
<a href="#">LLB3365</a>	International and Comparative Intellectual Property Law	6
<a href="#">LLB3366</a>	Animal Law	6
<a href="#">LLB3367</a>	Elder Law	6
<a href="#">LLB3375</a>	Special Studies in Law C	6
<a href="#">LLB3376</a>	Special Studies in Law D	6
<a href="#">LLB3377</a>	Special Studies in Law E	6
<a href="#">LLB3383</a>	Disability and Law	6
<a href="#">LLB3384</a>	Politics of Justice	6
<a href="#">LLB3385</a>	Refugee Law	6
<a href="#">LLB3386</a>	Mooting Competitions	6
<a href="#">LLB3398</a>	Asian Legal Systems Field Study	6
<a href="#">LLB3928</a>	Law of Land and Nature Conservation	6
<a href="#">LLB3929</a>	Water Resources Law	6

<a href="#">LLB3930</a>	Land Development and Planning Law	6
<a href="#">LLB3933</a>	Law of the Sea	6
<a href="#">LLB3938</a>	International Criminal Law	6
<a href="#">LLB3939</a>	Asian Business Law	6
<a href="#">SOC 247</a>	Punishment: Purpose, Practice, Policy	6
<a href="#">STS 302</a>	Climate Change Policy, Possible Futures	6

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

PLEASE NOTE: The full range of electives may not be offered at any single campus.

Students have the option of taking electives at alternate campuses or online where available. Information on availability of subjects can be found on the [Subject Database](#).

## Compulsory Work Placement / Online Components

This course contains a total of 140 hours over 4 weeks of compulsory work-based placements. This course may also contain compulsory components to be completed online.

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

Law students will complete a Legal Internship subject (LLB3397). This subject is the vehicle for a practical placement designed to expose students to the application of the law in practice; enable students to understand the importance of developing the skills of legal research; communication, drafting, practice management and problem solving; and enable students to observe and reflect upon the values, ethical standards and conduct of the legal profession in practice.

## Professional Recognition/Accreditation

The UOW Bachelor of Laws (single LLB or in combination with another degree) is accredited by the Legal Profession Admission Board (LPAB) as



satisfying the academic requirements necessary for admission to the Australian legal profession. On completion of the Bachelor of Laws, a student who wishes to practise as a barrister or solicitor must also undertake some form of professional practical training, the requirements for which vary between each state and territory of Australia.

In New South Wales, a student who intends to qualify for admission to practice is required to undertake a practical legal training (PLT) course accredited by the LPAB, followed by or incorporating a period of practical experience in a law-related setting. Practical experience gained by students in [LLB3397 Legal Internship](#) may be counted towards this practical experience requirement. Graduates should check with their PLT provider. A list of LPAB accredited PLT courses can be found on the [LPAB website](#).

Students who intend to practise as solicitors after admission will be subject to a period of restricted practice and the mandatory continuing legal education requirements. Further information is available from the [Law Society of New South Wales](#). Students who intend to practise as barristers after admission will be required to read with a senior barrister for a period of time and to undertake the Bar Readers' Course and Bar Examination before being qualified to take briefs on their own account. Further information is available from the [New South Wales Bar Association](#).

## Honours

High achieving students who commence the [Bachelor of Laws \(Graduate Entry\)](#) (course code 1882) in 2019 or after, are eligible to apply for the [Bachelor of Laws \(Graduate Entry\) \(Honours\)](#) (Course Code 1884). Students should refer to the Handbook entry, or contact the School of Law via [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au) for more information.

A student who successfully transfers into the Honours program but does not meet the minimum performance standards will be permitted to transfer back to the Bachelor of Laws degree in which they were enrolled immediately prior to the transfer into the Honours course, and will be awarded credit to the Bachelor of Laws for the number of credit points passed in the Honours degree.

As an alternative, students who have completed all requirements for their Bachelor of Laws degree with a weighted average mark of 70% are eligible to apply for entry to the [Bachelor of Laws \(Honours\)\(Graduate Entry\)](#) (Course Code 359), which is a standalone honours program. Students who enrol in this Honours program must complete the subject [LLB4448 Research Honours in Law \(36cp\)](#). Entry must be approved by the School of Law in consultation with the Honours Coordinator. The School of Law shall not approve entry into this course unless the Coordinator has agreed, in consultation with the student, on the program of study that will form the basis of the course curriculum for the degree.

## Other Information

The University of Wollongong attempts to ensure the information contained in the Course Handbook is correct at the time of publication. However, courses may be amended without notice by the University in response to changing circumstances or for any other reason. Check with the University for updated information.

Further information is available via email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 1 November, 2018

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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Laws (Honours) (Graduate Entry) | 2019

Testamur Title of Degree:	Bachelor of Laws (Honours)
Abbreviation:	LLB(Hons)
UOW Course Code:	1884
CRICOS Code:	904208F
Total Credit Points:	144
Duration:	3 years full-time or *part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn
Delivery Mode:	On-campus
Delivery Campus:	Wollongong South Western Sydney

\*Students interested in studying this degree part-time should consult with the Law Head of Students by contacting [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au).

## Overview

This course is available to students enrolled in the Bachelor of Laws (course code 1882) from 2019. This LLB (Hons) program enables students to apply the knowledge gained in their Bachelor of Laws degree in the context of a major legal research project in their final year of study.

A Bachelor of Laws (Honours) (Graduate Entry) is a three-year degree that equips you with a comprehensive legal education: a world-class degree that provides a thorough grounding in the law, as well as a real-world focus on the essential practical skills and the social and ethical context in which the law operates.

The Honours year has two functions at UOW; as an in-depth project at the end of undergraduate study, and as a bridge between undergraduate study and advanced research.

Studying Honours gives you:

- Training in research skills and information systems (archives, the Library, databases, electronic research networks)
- The ability to present complex ideas verbally and in writing
- The opportunity to work closely with a supervisor and prepare a major project to meet critical deadlines
- Experience in devising, researching and writing up an individual topic of study in an extended format
- We believe that practical experience is a vital part of your legal training. We are the only law school in New South Wales that requires you to complete a legal internship, providing highly valued industry experience.
- We are committed to social justice and providing a legal education that engages with the complexities of law's intersection with society.

The Bachelor of Laws (Honours) covers the prescribed areas of knowledge for future admission to the profession as well as including a choice of electives. Additionally, an integrated skills program equips graduates with experience in areas such as legal research, interviewing, legal drafting, advocacy and negotiation. Opportunities also exist to undertake subjects through an international exchange program.

## Entry Requirements & Credit Arrangements

Students are not able to enrol directly into this Honours degree. This degree is available to high achieving students enrolled in the Bachelor of Laws (course code 1882). Students who achieve the required WAM in their Bachelor of Laws (course code 1882) are eligible to apply for the Bachelor of Laws (Honours) (course code 1884). Students should contact the School of Law via [lha\\_enquiries@uow.edu.au](mailto:lha_enquiries@uow.edu.au) for more information.

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Demonstrate a sound understanding of the Australian legal system, including core areas of legal knowledge for Australian legal practice, and an appreciation of its international context;
2	Recognise and be able to resolve ethical problems in legal decision-making;
3	Apply reasoning and critical analysis to generate and effectively communicate appropriate and creative responses to complex legal issues;
4	Identify, research, evaluate and interpret relevant factual, legal and policy sources in order to articulate an original response;
5	Critically evaluate the impact of law on individuals, communities and society within a social justice framework;
6	Learn and work both independently and collaboratively and to reflect on their own skills and capabilities;
7	Independently plan and execute a research-based project or piece of scholarship that demonstrates in depth understanding and critical analysis of the area of study.

## Course Structure

To qualify for award of the degree, the Bachelor of Laws (Honours), a candidate must successfully complete at least 144 credit points, comprised of:

1. All compulsory Law subjects as set out in the table below (114 credit points);
2. An elective subject to the value of 6 credit points from the Bachelor of Laws Elective Law Schedule (See [Bachelor of Laws \(Graduate Entry\)](#) for elective subjects);
3. [LLB4400](#) Legal Research Methodology (12 credit points) and [LLB4401](#) Legal Research Thesis (12 credit points) as set out in the table below.

Subject Code	Subject Name	Credit Points

<b>Year 1</b>		
<a href="#">LLB1100</a>	Foundations of Law	6
<a href="#">LLB1115</a>	Legal Skills	6
<a href="#">LLB1120</a>	Law of Contract A	6
<a href="#">LLB1130</a>	Criminal Law and Procedure A	6
<a href="#">LLB1160</a>	Interpreting the Law	6
<a href="#">LLB1170</a>	Law of Contract B	6
<a href="#">LLB1180</a>	Criminal Law and Procedure B	6
<a href="#">LLB1197</a>	Legal Ethics & Professional Responsibility	6
<b>Year 2</b>		
<a href="#">LLB2220</a>	Property Law	6
<a href="#">LLB2230</a>	Administrative Law	6
<a href="#">LLB2240</a>	Law of Torts	6
<a href="#">LLB2270</a>	Equity and Trusts	6
<a href="#">LLB2280</a>	Constitutional Law	6
<a href="#">LLB2290</a>	Jurisprudence	6
<a href="#">LLB2225</a>	Advanced Legal Skills	6
<a href="#">LLB3397</a>	Legal Internship	3
1 LLB Elective		
<b>Year 3</b>		
<a href="#">LLB3300</a>	Remedies and Civil Procedure	6
<a href="#">LLB3301</a>	Evidence	6
<a href="#">LLB3302</a>	Law of Business Organisations	6
<a href="#">LLB3399</a>	Law, Justice and Professional Practice	3

<a href="#">LLB4400</a>	Legal Research Methodology	12
<a href="#">LLB4401</a>	Legal Research Thesis	12

### Part-time Study

A student is considered part-time when they are enrolled in less than 75% of the standard load for a session. If you are seeking to complete your undergraduate law degree part-time, you are required to complete a minimum of 12 credit points (2 subjects) per session. Please refer to the [Recommended Study Sequence](#) for information.

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Compulsory Work Placement / Online Components

This course contains a total of 140 hours over 4 weeks of compulsory work-based placements. This course may also contain compulsory components to be completed online.

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

Law students will complete a Legal Internship subject (LLB3397). This subject is the vehicle for a practical placement designed to expose students to the application of the law in practice; enable students to understand the importance of developing the skills of legal research; communication, drafting, practice management and problem solving; and enable students to observe and reflect upon the values, ethical standards and conduct of the legal profession in practice.

## Professional Recognition/Accreditation

The UOW Bachelor of Laws (single LLB or in combination with another degree) is accredited by the Legal Profession Admission Board (LPAB) as satisfying the academic requirements necessary for admission to the Australian legal profession. On completion of the Bachelor of Laws, a student who wishes to practise as a barrister or solicitor must also undertake some form of professional practical training, the requirements for which vary between each state and territory of Australia.

In New South Wales, a student who intends to qualify for admission to practice is required to undertake a practical legal training (PLT) course accredited by the LPAB, followed by or incorporating a period of practical experience in a law-related setting. Practical experience gained by students in [LLB3397 Legal Internship](#) may be counted towards this practical experience requirement. Graduates should check with their PLT provider. A list of LPAB accredited PLT courses can be found on the [LPAB website](#).

Students who intend to practise as solicitors after admission will be subject to a period of restricted practice and the mandatory continuing legal education requirements. Further information is available from the [Law Society of New South Wales](#). Students who intend to practise as barristers after admission will be required to read with a senior barrister for a period of time and to undertake the Bar Readers' Course and Bar Examination before being qualified to take briefs on their own account. Further information is available from the [New South Wales Bar Association](#).

## Honours Information

The Faculty of Law, Humanities and the Arts Honours Guide provides detailed information on all Honours courses and can be accessed from the [LHA Honours Programs](#) page.

Students are advised to refer to the University's [Code of Practice - Honours](#).

Honours Grades are calculated in accordance with the [University's General Course Rules](#).

## Other Information

The University of Wollongong attempts to ensure the information contained in the Course Handbook is correct at the time of publication. However, courses may be amended without notice by the University in response to changing circumstances or for any other reason. Check with the University for updated information.

Further information is available via email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 16 March, 2020



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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Laws (Honours) (Direct Entry) | 2019

Testamur Title of Degree:	Bachelor of Laws (Honours)
Abbreviation:	LLB(Hons)
UOW Course Code:	1883
CRICOS Code:	094207G
Total Credit Points:	180
Duration:	4 years full-time or *part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn
Delivery Mode:	On-campus
Delivery Campus:	Wollongong South Western Sydney

\*Students interested in studying this degree part-time should consult with the Law Head of Students by contacting [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au).

## Overview

This course is available to students enrolled in the Bachelor of Laws (course code 1881) from 2018 or after. This LLB (Hons) program enables students to apply the knowledge gained in their Bachelor of Laws degree in the context of a major legal research project in their final year of study.

A Bachelor of Laws (Honours) is a four-year degree that equips you with a comprehensive legal education: a world-class degree that provides a thorough grounding in the law, as well as a real-world focus on the essential practical skills and the social and ethical context in which the law operates.

The Honours year has two functions at UOW; as an in-depth project at the end of undergraduate study, and as a bridge between undergraduate study and advanced research.

Studying Honours gives you:

- Training in research skills and information systems (archives, the Library, databases, electronic research networks)
- The ability to present complex ideas verbally and in writing
- The opportunity to work closely with a supervisor and prepare a major project to meet critical deadlines
- Experience in devising, researching and writing up an individual topic of study in an extended format
- We believe that practical experience is a vital part of your legal training. We are the only law school in New South Wales that requires you to complete a legal internship, providing highly valued industry experience.

We are committed to social justice and providing a legal education that engages with the complexities of law's intersection with society.

The Bachelor of Laws (Honours) covers the prescribed areas of knowledge for future admission to the profession as well as including a choice of electives. Additionally, an integrated skills program equips graduates with experience in areas such as legal research, interviewing, legal drafting, advocacy and negotiation. Opportunities also exist to undertake subjects through an international exchange program.

## Entry Requirements & Credit Arrangements

Students are not able to enrol directly into this Honours degree. This degree is available to high achieving students enrolled in the Bachelor of Laws (course code 1881). Students who achieve the required WAM in their Bachelor of Laws degree (course code 1881) are eligible to apply for the Bachelor of Laws (Honours) (Direct Entry) (course code 1883). Students should contact the School of Law via [lha\\_enquiries@uow.edu.au](mailto:lha_enquiries@uow.edu.au) for more information.

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

Identify, research, evaluate and interpret relevant factual, legal and policy sources in order to articulate an original response;

CLO	Description
1	Demonstrate a sound understanding of the Australian legal system, including core areas of knowledge for Australian legal practice, and an appreciation of its international context;
2	Recognise and be able to resolve ethical problems in legal decision-making;
3	Apply reasoning and critical analysis to generate and effectively communicate appropriate and creative responses to complex legal issues;
4	Identify, research, evaluate and interpret relevant factual, legal and policy sources in order to articulate an original response;
5	Critically evaluate the impact of law on individuals, communities and society within a social justice framework;
6	Learn and work both independently and collaboratively and to reflect on their own skills and capabilities;
7	Independently plan and execute a research-based project or piece of scholarship that demonstrates in depth understanding and critical analysis of the area of study.

## Course Structure

To qualify for award of the degree, the Bachelor of Laws (Honours) (Direct Entry), a candidate must successfully complete at least 180 credit points, comprised of:

1. All compulsory Law subjects as set out in the table below (114 credit points);
2. Elective subjects to the value of 42 credit points from the Bachelor of Laws Elective Law Schedule - see [Bachelor of Laws \(Graduate Entry\)](#) for elective options;
3. [LLB4400](#) Legal Research Methodology (12 credit points) and [LLB4401](#)

Legal Research Thesis (12 credit points) as set out in the table below.

Subject Code	Subject Name	Credit Points
<b>Year 1</b>		
LLB1100	Foundations of Law	6
LLB1115	Legal Skills	6
LLB1120	Law of Contract A	6
LLB1130	Criminal Law and Procedure A	6
LLB1160	Interpreting the Law	6
LLB1170	Law of Contract B	6
LLB1180	Criminal Law and Procedure B	6
LLB1197	Legal Ethics & Professional Responsibility	6
<b>Year 2</b>		
LLB2220	Property Law	6
LLB2225	Advanced Legal Skills	6
LLB2230	Administrative Law	6
LLB2240	Law of Torts	6
LLB2270	Equity and Trusts	6
LLB2280	Constitutional Law	6
LLB2290	Jurisprudence	6
LLB3397	Legal Internship	3
<b>Year 3</b>		
LLB3300	Remedies and Civil Procedure	6
LLB3301	Evidence	6
LLB3302	Law of Business Organisations	6

5 LLB Electives		
<b>Year 4</b>		
<a href="#">LLB4400</a>	Legal Research Methodology	12
<a href="#">LLB4401</a>	Legal Research Thesis	12
<a href="#">LLB3399</a>	Law, Justice and Professional Practice	3
2 LLB Electives		

### Part-time Study

A student is considered part-time when they are enrolled in less than 75% of the standard load for a session. If you are seeking to complete your undergraduate law degree part-time, you are required to complete a minimum of 12 credit points (2 subjects) per session. Please refer to the [Recommended Study Sequence](#) for information.

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Compulsory Work Placement / Online Components

This course contains a total of 140 hours over 4 weeks of compulsory work-based placements. This course may also contain compulsory components to be completed online.

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

Law students will complete a Legal Internship subject (LLB3397). This subject is the vehicle for a practical placement designed to expose students to the application of the law in practice; enable students to understand the importance of developing the skills of legal research; communication, drafting, practice management and problem solving; and enable students to observe and reflect upon the values, ethical standards and conduct of the legal profession in practice.

## Professional Recognition/Accreditation

The UOW Bachelor of Laws (single LLB or in combination with another degree) is accredited by the Legal Profession Admission Board (LPAB) as satisfying the academic requirements necessary for admission to the Australian legal profession. On completion of the Bachelor of Laws, a student who wishes to practise as a barrister or solicitor must also undertake some form of professional practical training, the requirements for which vary between each state and territory of Australia.

In New South Wales, a student who intends to qualify for admission to practice is required to undertake a practical legal training (PLT) course accredited by the LPAB, followed by or incorporating a period of practical experience in a law-related setting. Practical experience gained by students in [LLB3397 Legal Internship](#) may be counted towards this practical experience requirement. Graduates should check with their PLT provider. A list of LPAB accredited PLT courses can be found on the [LPAB website](#).

Students who intend to practise as solicitors after admission will be subject to a period of restricted practice and the mandatory continuing legal education requirements. Further information is available from the [Law Society of New South Wales](#). Students who intend to practise as barristers after admission will be required to read with a senior barrister for a period of time and to undertake the Bar Readers' Course and Bar Examination before being qualified to take briefs on their own account. Further information is available from the [New South Wales Bar Association](#).

Further information is available via email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

## Honours Information

The Faculty of Law, Humanities and the Arts Honours Guide provides detailed information on all Honours courses and can be accessed from the [LHA Honours Programs](#) page.

Students are advised to refer to the University's [Code of Practice - Honours](#).

Honours Grades are calculated in accordance with the University's [General Course Rules](#).

## Other Information

The University of Wollongong attempts to ensure the information contained in the Course Handbook is correct at the time of publication. However, courses may be amended without notice by the University in response to changing circumstances or for any other reason. Check with the University for updated information.

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Laws (Honours) (Graduate Entry) | 2019

Testamur Title of Degree:	Bachelor of Laws (Honours)
Abbreviation:	LLB(Hons)
UOW Course Code:	359
CRICOS Code:	085637D
Total Credit Points:	48
Duration:	1 year full-time or *part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus
Delivery Campus:	Wollongong South West Sydney

\*Students interested in studying this degree part-time should consult with the Law Head of Students by contacting [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au).

## Overview

If you are doing or have done particularly well in your Law degree, you should consider completing an Honours degree. Your Law degree will have introduced you to a wide range of legal topics, issues, and areas requiring law reform especially with regards to social justice and an Honours project enables you to explore one of these areas in much greater depth. Honours research topics are various and negotiable if you are keen to unearth a particular area relating to law or within a legal context, you'll be encouraged and supported.

By completing Honours, you will be able to demonstrate your ability to achieve a complex goal, meet deadlines, investigate independently, use resources effectively and present your findings coherently and persuasively.

This program consists entirely of an end-on Honours year for students who have graduated from a Bachelor of Laws (LLB) degree. The Laws Honours program enables you to apply the knowledge and skills gained in the LLB degree in the context of a major legal research project.

The Honours year has two functions at UOW; as an in-depth project at the end of undergraduate study, and as a bridge between undergraduate study and advanced research.

Studying Honours gives you:

- Training in research skills and information systems (archives, the Library, databases, electronic research networks)
- The ability to present complex ideas verbally and in writing
- The opportunity to work closely with a supervisor and prepare a major project to meet critical deadlines
- Experience in devising, researching and writing up an individual topic of study in an extended format

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Students graduating from the Bachelor of Laws (Honours) (Graduate Entry) will be able to:

Independently plan and execute a research-based project or piece of scholarship that demonstrates in-depth understanding and critical analysis

of areas in Law;

CLO	Description
1	Independently plan and execute a research-based project or piece of scholarship that demonstrates in-depth understanding and critical analysis of areas in Law;
2	Demonstrate advanced theoretical knowledge and critically reflect on, synthesise and evaluate information, problems, concepts and theories;
3	Communicate a coherent and sustained argument, explaining and disseminating research results and conclusions;
4	Apply an advanced knowledge of research, research integrity, ethics and the rights and safety of others, to independently plan and execute a substantial piece of research.

## Course Structure

Students who enrol in the Bachelor of Laws (Honours) (Graduate Entry) must complete the subjects [LLB4400](#) Legal Research Methodology (12 credit points) and [LLB4448](#) Legal Research Thesis (36 credit points).

The Honours grade will be calculated in accordance with Method 1 in the University's General Course Rules, i.e. based entirely on performance in 400-level subjects.

Subject Code	Subject Name	Credit Points
<a href="#">LLB4400</a>	Legal Research Methodology	12
<a href="#">LLB4448</a>	Research Honours in Law	36

Click on subject codes in the above table for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Professional Recognition/Accreditation

The UOW Bachelor of Laws (single LLB or in combination with another degree) is accredited by the Legal Profession Admission Board (LPAB) as satisfying the academic requirements necessary for admission to practice as a lawyer. On completion of the Bachelor of Laws, a student who wishes to practise as a barrister or solicitor must also undertake some form of professional practical training, the requirements for which vary between each state and territory of Australia.

In New South Wales, a student who intends to qualify for admission to practise as a legal practitioner is required to undertake a practical legal training (PLT) course accredited by the LPAB, followed by or incorporating a period of practical experience in a law-related setting. Practical experience gained by students in [LLB3397](#) Legal Internship may be counted towards this practical experience requirement (eg ANU and College of Law will recognise days completed as part of LLB3397). Graduates should check with their PLT provider. A list of LPAB accredited PLT courses can be found on the [LPAB website](#).

Students who intend to practise as lawyers after admission should obtain further information about restricted practice and the mandatory continuing legal education requirements from the Law Society of New South Wales. Students who intend to practise as barristers after admission will be required to read with a senior barrister for a period of time and to undertake the Bar Readers' Course before being qualified to take briefs on their own account. Further information is available from the [New South Wales Bar Association](#).

## Honours Information

The Faculty of Law, Humanities and the Arts Honours Guide provides detailed information on all Honours courses and can be accessed from the [LHA Honours Programs](#) page.

Students are advised to refer to the University's [Code of Practice - Honours](#).

Honours Grades are calculated in accordance with the University's [General Course Rules](#).

## Other Information

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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Marine Science | 2019

Testamur Title of Degree:	Bachelor of Marine Science
Abbreviation:	BMarSc
UOW Course Code:	789
CRICOS Code:	039553A
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Science, Medicine and Health
Intake Session(s):	Autumn
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 757622

## Overview

Marine Science is the area of science that deals with the study of the ocean. You will study the biological nature and capacity of oceans, their impact on human society and the conservation and environmental management of marine and coastal regions.

You will learn the skills required for a career in government, industry and environment-related companies.

The program has core subjects in each year plus flexible optional subjects.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Describe and appraise broad knowledge of the principles and concepts of Marine Science.
2	Demonstrate skills in analysing, interpreting and synthesising data, methodologies and other information.
3	Exercise critical thinking and independent problem solving in experimental design and data analysis.
4	Communicate knowledge and ideas clearly and coherently to others.
5	Synthesise the application of knowledge and skills in Marine Science through the development of scientific works and the completion of practical exercises.
6	Appreciate the role, relevance and ethical implications of science in society.

## Course Structure

To qualify for award of the degree, the Bachelor of Marine Science, a candidate must successfully complete at least 144 credit points, as set out below.

**Please note:**

- Students who have not completed HSC Mathematics at Band 4 or higher (or equivalent) are required to complete a mathematics subject (MATH151 or equivalent).
- Students may only count 60 credit points of 100-level subjects towards the degree.
- Students must have a grade of Pass (not Pass Supplementary) or higher in 300-level core subjects.
- This is a prescribed program of study comprising core and optional subjects as set out below.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn</b>			
BIOL104	Evolution, Biodiversity and Environment	6	Autumn
BIOL105	Functional Biology of Animals and Plants	6	Autumn
<b>Select ONE of the following two subjects:</b>			
<b>Note: Students who have achieved a mark of 65% or more in NSW HSC Chemistry or equivalent must select CHEM101 and CHEM102. All other students must select CHEM104 and CHEM105.</b>			
CHEM101	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
CHEM104	Foundation Chemistry: Properties of Matter	6	Autumn
<b>Plus ONE of the following two subjects:</b>			
EESC101	Planet Earth	6	Autumn
EESC103	Earth's Dynamic Surface	6	Spring
<b>Spring</b>			
BIOL103	Molecules, Cells and Organisms	6	Spring
EESC102	Earth's Interconnected Spheres	6	Spring
EESC105	Introductory Geospatial Analysis	6	Autumn, Spring
<b>Plus ONE of the following two subjects:</b>			
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
CHEM105	Foundation Chemistry:	6	Spring



	Reactions and Structures		
<b>Year 2</b>			
<b>Autumn</b>			
<a href="#">BIOL240</a>	Biodiversity of Marine and Freshwater Organisms	6	Autumn
<a href="#">BIOL251</a>	Principles of Ecology	6	Autumn
<a href="#">MARE200</a>	Introduction to Oceanography	6	Autumn
<a href="#">MATH151</a>	General Mathematics 1A	6	Autumn, Summer 2020/2021
<b>*MATH151 must be completed by any student who has not completed NSW HSC Mathematics or equivalent at Band 4 or higher.</b>			
<b>Spring</b>			
<a href="#">EESC207</a>	Advanced Geospatial Analysis	6	Autumn, Spring
<a href="#">STAT252</a>	Statistics For the Natural Sciences	6	Spring
<a href="#">BIOL252</a>	Evolution and Behaviour	6	Spring
<b>Plus subjects from the following list to give a total of 48 credit points for Year 2:</b>			
<a href="#">BIOL213</a>	Principles of Biochemistry	6	Autumn
<a href="#">GEOS309</a>	Igneous-metamorphic geology methods and processes	6	Not available in 2020
<a href="#">EESC203</a>	Biogeography and Environmental Change	6	Autumn
<a href="#">PHYS233</a>	Introduction to Environmental Physics	6	Autumn
<a href="#">BIOL215</a>	Introductory Genetics	6	Spring
<a href="#">BIOL241</a>	Biodiversity of Terrestrial Organisms	6	Spring
<a href="#">CHEM214</a>	Analytical and Environmental Chemistry	6	Spring
<a href="#">GEOG222</a>	Society and Environment: Resources, Challenges, Futures	6	Spring
<a href="#">STS 216</a>	Environmental Sustainability, Risk and Governance	6	Spring

<a href="#">EESC250</a>	Field Geology	6	Summer 2020/2021
<b>Year 3</b>			
<b>Autumn</b>			
<a href="#">BIOL361</a>	Conservation Biology	6	Autumn
<a href="#">GEOS215</a>	Sedimentology, Stratigraphy and Palaeoenvironments	6	Autumn
<b>Spring</b>			
<a href="#">BIOL365</a>	Marine and Terrestrial Ecology	6	Spring
<a href="#">EESC322</a>	Coastal Environments: Process and Management	6	Spring
<a href="#">MARE360</a>	Fisheries and Aquaculture	6	Spring
<b>Plus 18 credit points of subjects from the following list:</b>			
<a href="#">BIOL343</a>	Techniques in Biotechnology and Medical Research	6	Autumn
<a href="#">BIOL362</a>	Ecophysiology	6	Autumn
<a href="#">EESC321</a>	Plate Tectonics, Macrotopography and Earth History	6	Autumn
<a href="#">EESC323</a>	Fluvial Geomorphology and Sedimentology	6	Autumn
<a href="#">BIOL363</a>	Professional Skills in Ecology	6	Not available in 2020
<a href="#">EESC331</a>	Changing Global Environments	6	Spring
<a href="#">EESC326</a>	Resources and Environments	6	Spring
<b>Or other subjects as approved by the Coordinator.</b>			

## Honours

Students may apply to transfer into the [Bachelor of Marine Science \(Honours\) \(Dean's Scholar\)](#) after the requirements of the Pass degree have been fulfilled and the required entry standard has been achieved (a minimum WAM of 75% in at least three 300-level subjects that comprise a coherent specialisation, as determined by the coordinator). Alternatively, students may apply to enrol in a [Bachelor of Science \(Honours\)](#) (a major in Marine Science is an option).

Admission to Honours is by recommendation of the Degree Coordinator and approval of the Head of School of the student's primary supervisor.

## Other Information

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

Last reviewed: 27 September, 2019

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# 2019 Undergraduate Courses

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Marine Science (Honours) | 2019

Testamur Title of Degree:	Bachelor of Marine Science (Honours)
Abbreviation:	BMarSc(Hons)
UOW Course Code:	1872
CRICOS Code:	083556K
Total Credit Points:	192
Duration:	4 years full-time or part-time equivalent
Home Faculty:	Faculty of Science, Medicine and Health
Intake Session(s):	Autumn
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 757624

## Overview

Marine Science is the area of science that deals with the study of the ocean. You will study the biological nature and capacity of oceans, their impact on human society and the conservation and environmental management of marine and coastal regions.

You will learn the skills required for a career in government, industry and environment-related companies. In addition, an Honours degree in Marine Science opens up opportunities in state fisheries, CSIRO, museums, local councils and environmental consultancies.

This program has core subjects in each year plus flexible optional subjects.

In the final year, students undertake a substantial piece of supervised research, together with other required seminars and/or coursework.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Describe and appraise broad knowledge of the principles and concepts of Marine Science.
2	Demonstrate skills in reviewing, analysing, interpreting and synthesising data, methodologies and other information to independently generate solutions to complex problems.
3	Exercise critical thinking and judgement in integrating new understanding into one or more discipline areas in Marine Science.
4	Communicate knowledge, ideas and independent research findings clearly and coherently through a range of mediums.
5	Demonstrate initiative and judgement to adapt knowledge and skills associated with Marine Science that can be applied in a professional context.
6	Independently plan and execute a research project in Marine Science.

7	Appreciate the role, relevance and ethical implications of science in society and demonstrate understanding of the requirements of professional responsibility and ethical conduct.
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## Course Structure

To qualify for award of the degree, the Bachelor of Marine Science (Honours), a candidate must successfully complete at least 192 credit points, as outlined below.

### Please note:

- Students who have not completed HSC Mathematics at Band 4 or higher (or equivalent) are required to complete a mathematics subject (MATH151 or equivalent).
- Students may only count 60 credit points of 100-level subjects towards the degree.
- Students must have a grade of Pass (not Pass Supplementary) or higher in 300-level core subjects.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn</b>			
BIOL104	Evolution, Biodiversity and Environment	6	Autumn
BIOL105	Functional Biology of Animals and Plants	6	Autumn
<b>Please select ONE of the following two subjects:</b>			
<b>Note: Students who have achieved a mark of 65% or more in NSW HSC Chemistry or equivalent must select CHEM101 and CHEM102. All other students must select CHEM104 and CHEM105.</b>			
CHEM101	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
CHEM104	Foundation Chemistry: Properties of Matter	6	Autumn
<b>Plus ONE of the following two subjects:</b>			
EESC101	Planet Earth	6	Autumn
EESC103	Earth's Dynamic Surface	6	Spring
<b>Spring</b>			

BIOL103	Molecules, Cells and Organisms	6	Spring
EESC102	Earth's Interconnected Spheres	6	Spring
EESC105	Introductory Geospatial Analysis	6	Autumn, Spring
<b>Select ONE of the following two subjects:</b>			
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
CHEM105	Foundation Chemistry: Reactions and Structures	6	Spring
<b>Year 2</b>			
<b>Autumn</b>			
BIOL240	Biodiversity of Marine and Freshwater Organisms	6	Autumn
BIOL251	Principles of Ecology	6	Autumn
MARE200	Introduction to Oceanography	6	Autumn
MATH151	General Mathematics 1A	6	Autumn, Summer 2020/2021
<b>*MATH151 must be completed by any student who has not completed NSW HSC Mathematics or equivalent at Band 4 or higher.</b>			
<b>Spring</b>			
EESC207	Advanced Geospatial Analysis	6	Autumn, Spring
STAT252	Statistics For the Natural Sciences	6	Spring
BIOL252	Evolution and Behaviour	6	Spring
<b>Plus subjects from the following list to give a total of 48 credit points for Year 2:</b>			
BIOL213	Principles of Biochemistry	6	Autumn
GEOS309	Igneous-metamorphic geology methods and processes	6	Not available in 2020
EESC203	Biogeography and Environmental Change	6	Autumn

<a href="#">PHYS233</a>	Introduction to Environmental Physics	6	Autumn
<a href="#">BIOL215</a>	Introductory Genetics	6	Spring
<a href="#">BIOL241</a>	Biodiversity of Terrestrial Organisms	6	Spring
<a href="#">CHEM214</a>	Analytical and Environmental Chemistry	6	Spring
<a href="#">GEOG222</a>	Society and Environment: Resources, Challenges, Futures	6	Spring
<a href="#">STS 216</a>	Environmental Sustainability, Risk and Governance	6	Spring
<a href="#">EESC250</a>	Field Geology	6	Summer 2020/2021
<b>Year 3</b>			
<b>Autumn</b>			
<a href="#">BIOL361</a>	Conservation Biology	6	Autumn
<a href="#">GEOS215</a>	Sedimentology, Stratigraphy and Palaeoenvironments	6	Autumn
<b>Spring</b>			
<a href="#">BIOL365</a>	Marine and Terrestrial Ecology	6	Spring
<a href="#">EESC322</a>	Coastal Environments: Process and Management	6	Spring
<a href="#">MARE360</a>	Fisheries and Aquaculture	6	Spring
<b>Plus 18 credit points of subjects from the following list:</b>			
<a href="#">BIOL343</a>	Techniques in Biotechnology and Medical Research	6	Autumn
<a href="#">BIOL362</a>	Ecophysiology	6	Autumn
<a href="#">EESC321</a>	Plate Tectonics, Macrotopography and Earth History	6	Autumn
<a href="#">EESC323</a>	Fluvial Geomorphology and Sedimentology	6	Autumn
<a href="#">BIOL363</a>	Professional Skills in Ecology	6	Not available in 2020
<a href="#">SCIP310</a>	Advanced Earth, Atmospheric and Life Sciences Project	6	Autumn, Spring, Summer



			2020/2021
<a href="#">EESC331</a>	Changing Global Environments	6	Spring
<a href="#">EESC326</a>	Resources and Environments	6	Spring
<b>Or other subjects as approved by the Coordinator</b>			
<b>Year 4</b>			
<b>Select either the full-time (48cp) or 48cp of the equivalent part-time subject (2 x 24cp) option below</b>			
<a href="#">MARE401</a>	Marine Science Honours	48	Not available in 2020
<a href="#">MARE407</a>	Marine Science Honours (Part-Time)	24	Not available in 2020

### Progression Requirements

Satisfactory performance must be achieved (normally a Weighted Average Mark (WAM) of 75% or greater in 300-level subjects) for entry into the fourth year of the Bachelor of Marine Science (Honours) degree. Students with an average below 75% in 300-level subjects may only progress into the fourth year of the Bachelor of Marine Science (Honours) with the approval of the Marine Science Coordinator. Students who do not gain entry into the fourth year of the Bachelor of Marine Science (Honours) degree will normally be required to transfer into the Bachelor of Marine Science degree.

## Other Information

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Marine Science (Honours) (Dean's Scholar) | 2019

Testamur Title of Degree:	Bachelor of Marine Science (Honours) (Dean's Scholar)
Abbreviation:	BMarSc(Hons)(Dean'sSchol)
UOW Course Code:	1782
CRICOS Code:	084844E
Total Credit Points:	192
Duration:	4 years full-time or part-time equivalent
Home Faculty:	Faculty of Science, Medicine and Health
Intake Session(s):	Autumn
Delivery Mode:	On campus (Face-to-face)
Delivery Location/UAC Code:	Wollongong / 757623

## Overview

Marine Science is the area of science that deals with the study of the ocean. You will study the biological nature and capacity of oceans, their impact on human society and the conservation and environmental management of marine and coastal regions.

The Bachelor of Marine Science (Honours) (Dean's Scholar) is designed specifically for high-achieving students interested in a challenging degree leading to a career in scientific research.

Students in this program are normally required to achieve at least a Distinction average in subjects completed in a calendar year. The program has core subjects in each year plus flexible optional subjects.

Students will be invited to participate in various enrichment activities throughout the program and, after first year, to develop a close association with an appropriate member of one of the Faculty's research teams. In the final year, students undertake a substantial piece of supervised research, together with other required seminar and/or course work.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Describe and appraise broad knowledge of the principles and concepts of Marine Science.
2	Demonstrate skills in reviewing, analysing, interpreting and synthesising data, methodologies and other information to independently generate solutions to complex problems.
3	Exercise critical thinking and judgement in integrating new understanding into one or more discipline areas in Marine Science.
4	Communicate knowledge, ideas and independent research findings clearly and coherently through a range of mediums.
5	Demonstrate initiative and judgement to adapt knowledge and skills

	associated with Marine Science that can be applied in a professional context.
6	Independently plan and execute a research project in Marine Science.
7	Appreciate the role, relevance and ethical implications of science in society and demonstrate understanding of the requirements of professional responsibility and ethical conduct.
8	Synthesise advanced knowledge associated with one or more discipline areas in Marine Science.
9	Critique and evaluate advances in the broader discipline of Marine Science.

## Course Structure

To qualify for award of the degree, the Bachelor of Marine Science (Honours) (Dean's Scholar), a candidate must successfully complete at least 192 credit points, as outlined below.

### Please note:

- Students who have not completed HSC Mathematics at Band 4 or higher (or equivalent) are required to complete a mathematics subject (MATH151 or equivalent).
- Students may only count 60 credit points of 100-level subjects towards the degree.
- Students must have a grade of Pass (not Pass Supplementary) or higher in 300-level core subjects.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn</b>			
BIOL104	Evolution, Biodiversity and Environment	6	Autumn
BIOL105	Functional Biology of Animals and Plants	6	Autumn
<b>Please select ONE of the following two subjects:</b>			
<b>Note: Students who have achieved a mark of 65% or more in NSW HSC Chemistry or equivalent must select CHEM101 and CHEM102. All other students must select CHEM104 and</b>			

<b>CHEM105.</b>			
CHEM101	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
CHEM104	Foundation Chemistry: Properties of Matter	6	Autumn
<b>Plus ONE of the following two subjects:</b>			
EESC101	Planet Earth	6	Autumn
EESC103	Earth's Dynamic Surface	6	Spring
<b>Spring</b>			
BIOL103	Molecules, Cells and Organisms	6	Spring
EESC102	Earth's Interconnected Spheres	6	Spring
EESC105	Introductory Geospatial Analysis	6	Autumn, Spring
<b>Plus ONE of the following two subjects:</b>			
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
CHEM105	Foundation Chemistry: Reactions and Structures	6	Spring
<b>Year 2</b>			
<b>Autumn</b>			
BIOL240	Biodiversity of Marine and Freshwater Organisms	6	Autumn
BIOL251	Principles of Ecology	6	Autumn
MARE200	Introduction to Oceanography	6	Autumn
MATH151	General Mathematics 1A	6	Autumn,

			Summer 2020/2021
<b>*MATH151 must be completed by any student who has not completed NSW HSC Mathematics or equivalent at Band 4 or higher.</b>			
<b>Spring</b>			
EESC207	Advanced Geospatial Analysis	6	Autumn, Spring
STAT252	Statistics For the Natural Sciences	6	Spring
BIOL252	Evolution and Behaviour	6	Spring
<b>Plus subjects from the following list to give a total of 48 credit points for Year 2:</b>			
BIOL213	Principles of Biochemistry	6	Autumn
GEOS309	Igneous-metamorphic geology methods and processes	6	Not available in 2020
EESC203	Biogeography and Environmental Change	6	Autumn
PHYS233	Introduction to Environmental Physics	6	Autumn
BIOL215	Introductory Genetics	6	Spring
BIOL241	Biodiversity of Terrestrial Organisms	6	Spring
CHEM214	Analytical and Environmental Chemistry	6	Spring
GEOG222	Society and Environment: Resources, Challenges, Futures	6	Spring
STS 216	Environmental Sustainability, Risk and Governance	6	Spring

<a href="#">EESC250</a>	Field Geology	6	Summer 2020/2021
<b>Year 3</b>			
<b>Autumn</b>			
<a href="#">BIOL361</a>	Conservation Biology	6	Autumn
<a href="#">GEOS215</a>	Sedimentology, Stratigraphy and Palaeoenvironments	6	Autumn
<b>Spring</b>			
<a href="#">BIOL365</a>	Marine and Terrestrial Ecology	6	Spring
<a href="#">EESC322</a>	Coastal Environments: Process and Management	6	Spring
<a href="#">MARE360</a>	Fisheries and Aquaculture	6	Spring
<b>Plus 18 credit points from the following list:</b>			
<a href="#">BIOL343</a>	Techniques in Biotechnology and Medical Research	6	Autumn
<a href="#">BIOL362</a>	Ecophysiology	6	Autumn
<a href="#">EESC321</a>	Plate Tectonics, Macrotopography and Earth History	6	Autumn
<a href="#">EESC323</a>	Fluvial Geomorphology and Sedimentology	6	Autumn
<a href="#">BIOL363</a>	Professional Skills in Ecology	6	Not available in 2020
<a href="#">SCIP310</a>	Advanced Earth, Atmospheric and Life Sciences Project	6	Autumn, Spring, Summer 2020/2021
<a href="#">EESC331</a>	Changing Global	6	Spring



	Environments		
EESC326	Resources and Environments	6	Spring
<b>Or other subjects approved by the coordinator</b>			
<b>Year 4</b>			
<b>Select either the full-time (48cp) or 48cp of the equivalent part-time subject (2 x 24cp) option.</b>			
MARE401	Marine Science Honours	48	Not available in 2020
MARE407	Marine Science Honours (Part-Time)	24	Not available in 2020

### Progression Requirements

In order to maintain a place in the Dean's Scholar program, students are normally required to achieve a Weighted Average Mark (WAM) of at least 75% in the 200- and 300-level subjects completed. Students not meeting the minimum progression requirements will be required to transfer into the Bachelor of Marine Science (Honours) or the Bachelor of Marine Science.

## Other Information

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Mathematics | 2019

Testamur Title of Degree:	Bachelor of Mathematics
Abbreviation:	BMath
UOW Course Code:	762
CRICOS Code:	002936B
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Engineering and Information Sciences
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 756511

## Overview

Mathematics is the basis for successful decision-making and problem-solving independent of sector or industry. Mathematical and statistical models help us analyse information and forecast results in economics, finance, medicine and industrial processes. This analysis helps governments and businesses understand the factors behind important decisions.

Graduates of UOW's Bachelor of Mathematics will gain highly transferable skills in problem solving, data analysis, probability and variability, mathematical modelling, logistics and logic. The degree is flexible, so students can take up to one third of their subjects from other disciplines to expand their career options.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes (CLOs) are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to:

CLO	Description
1	Demonstrate a coherent core understanding of the fundamentals of both the mathematical and statistical disciplines.
2	Exhibit depth and breadth of knowledge in the discipline areas of mathematics and/or statistics.
3	Investigate and solve problems using mathematical and/or statistical methods including software tools to solve practical and abstract problems and then interpret results critically.
4	Appropriately interpret and present information to different audiences, using various delivery modes, communicated in mathematical and/or statistical form giving reasoning and conclusions.
5	Apply professional, social and ethical approaches in learning to extend existing knowledge and to work effectively and responsibly as an individual or a team member.

## Course Structure

Students who enrol in the Bachelor of Mathematics shall accrue an

aggregate of at least 144 credit points by satisfactory completion of:

1. The following 72 credit points of core subjects

Subject Code	Subject Name	Credit Points	Session(s)
<b>100-Level</b>			
MATH100	Introduction to Mathematics	6	Autumn
MATH187	Mathematics 1: Algebra and Differential Calculus	6	Autumn
CSIT110	Fundamental Programming with Python	6	Autumn
MATH188	Mathematics 2: Series and Integral Calculus	6	Spring
MATH123	Discrete Mathematics and Difference Equations	6	Spring
STAT101	Introduction to Statistics	6	Spring
<b>200-Level</b>			
MATH201	Multivariate and Vector Calculus	6	Autumn
MATH202	Differential Equations: Analysis and Applications	6	Autumn
MATH203	Linear Algebra and Groups	6	Spring
MATH205	Numerical Methods	6	Spring
<b>300-Level</b>			
MATH300	Complex Analysis	6	Not available in 2019
MATH399	Mathematics Capstone	6	Not available in 2019

2. At least one of [MATH212](#), [MATH222](#) and [STAT201](#).
3. Additional 300- and/or 400-level subjects from the Mathematics Schedule with a value of at least:
  - a. 30 credit points, or
  - b. 18 credit points if combined with a major study in Computer Science, or
  - c. 24 credit points if combines with any other major study.
4. Elective subjects chosen from the Mathematics Schedule or from the General Schedule, to bring the total to 144 credit points.
5. No more than 60 credit points at 100-level.

## Majors

Students enrolled in this degree may complete a major in:

- ▣ Mathematics or
- ▣ Applied Statistics.

Note that declaring a major is not required to complete a Bachelor of Mathematics.

Note that certain 300-level subjects, required as part of a major, may have 100- and 200-level prerequisite subjects which are not listed as part of the major.

Note that the 300-level subjects in the following majors will be available from 2020.

All candidates are expected to consult with the Academic Program Director before committing themselves completely to any particular pattern.

## Mathematics

Students may choose either an Applied Mathematics or Pure Mathematics strand within the Mathematics major.

The Applied Mathematics strand requires the satisfactory completion of four subjects from the list below:

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">MATH305</a>	Partial Differential Equations	6	Spring
<a href="#">MATH310</a>	Applied Functional Analysis	6	Not available in 2019
<a href="#">MATH312</a>	Advanced Applied	6	Not

	Mathematical Modelling		available in 2019
<a href="#">MATH313</a>	Industrial Mathematical Modelling	6	Spring
<a href="#">MATH319</a>	Advanced Numerical Methods	6	Not available in 2019
<a href="#">MATH317</a>	Financial Mathematics	6	Autumn
<a href="#">MATH318</a>	Mathematical Optimisation and Operations Research	6	Spring
<a href="#">MATH329</a>	Medical Mathematics	6	Autumn
<a href="#">STAT304</a>	Applied Probability and Financial Risk*	6	Autumn

\* Can be counted towards the Applied Mathematics strand only if taken as part of a double major in Mathematics and Applied Statistics.

The Pure Mathematics strand requires the satisfactory completion of four subjects from the list below:

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">MATH305</a>	Partial Differential Equations	6	Spring
<a href="#">MATH310</a>	Applied Functional Analysis	6	Not available in 2019
<a href="#">MATH322</a>	Algebra	6	Not available in 2019
<a href="#">MATH323</a>	Topology	6	Not available in 2019
<a href="#">MATH324</a>	Calculus of Variations and Elementary Differential Geometry	6	Spring

<a href="#">MATH326</a>	Analysis on Banach Spaces	6	Not available in 2019
<a href="#">MATH327</a>	Measure and Integration Theory with Probability	6	Not available in 2019
<a href="#">INFO412</a>	Mathematics for Cryptography	6	Autumn

## Applied Statistics

A major in Applied Statistics requires the satisfactory completion of four subjects from the list below:

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">STAT301</a>	Statistical Methods for Data Science	6	Not available in 2019
<a href="#">STAT304</a>	Applied Probability and Financial Risk	6	Autumn
<a href="#">STAT332</a>	Linear and Generalised Linear Models	6	Spring
<a href="#">STAT335</a>	Sample Surveys and Experimental Design	6	Autumn
<a href="#">STAT353</a>	Applied Data Analysis and Model Building	6	Spring
<a href="#">STAT373</a>	Special Topics in Probability and Statistics 3	6	Autumn
<a href="#">MATH327</a>	Measure and Integration Theory with Probability	6	Not available in 2019

## Double Majors

Candidates wishing to add a second major from the School of Mathematics and Applied Statistics, or from another discipline, are advised to consult with



the Academic Program Director for verification of their intended program. Candidates undertaking a double major may choose to count [MATH301](#) toward completion of one of their majors.

## Double major within Mathematics and Statistics

Candidates wishing to complete two majors from the School of Mathematics and Applied Statistics are required to complete each major individually, but may count up to one subject towards both majors.

## Double major with Computer Science

Subject Code	Subject Name	Credit Points	Session(s)
Completion of a major from the School of Mathematics and Applied Statistics		24	
Plus the following subjects:			
<a href="#">CSIT113</a>	Problem Solving	6	Autumn
<a href="#">CSIT111</a>	Programming Fundamentals*	6	Autumn, Spring
<a href="#">CSIT121</a>	Object Oriented Design and Programming	6	Autumn, Spring
<a href="#">CSCI251</a>	Advanced Programming	6	Autumn, Spring
Plus FOUR 300-level CSCI subjects		24	
To ensure a wider range of options at 300-level, students are advised to undertake at least one additional CSCI subject at 200-level.			

\* Students completing the double major must complete [CSIT111](#). [CSIT111](#) is a prerequisite for the other programming subjects in the double major, and may be substituted for [CSIT110](#).

## Double Majors with Business

To graduate with a second major from the [Bachelor of Commerce](#), students are required to satisfactorily complete a major from the School of Mathematics and Applied Statistics and satisfactorily complete a major study in [Accountancy](#), [Economics](#), [Finance](#), [Management](#) or [Marketing](#) as outlined in the [Bachelor of Commerce](#) entry. Note, however, that students are not

required to complete the core subjects as listed in the Bachelor of Commerce, except where those subjects are prerequisites to subjects in the major.

All students must satisfy subject prerequisites except where waivers have been granted. Alternatively candidates may wish to consider enrolling in the [Bachelor of Mathematics and Finance \(Honours\)](#).

## Mathematics Schedule of Subjects

Subject Code	Subject Name	Credit Points	Session(s)
<b>100-Level</b>			
<a href="#">MATH100</a>	Introduction to Mathematics	6	Autumn
<a href="#">MATH187</a>	Mathematics 1: Algebra and Differential Calculus	6	Autumn
<a href="#">MATH188</a>	Mathematics 2: Series and Integral Calculus	6	Spring
<a href="#">MATH123</a>	Discrete Mathematics and Difference Equations	6	Spring
<a href="#">CSIT110</a>	Fundamental Programming with Python	6	Autumn
<a href="#">CSIT111</a>	Programming Fundamentals	6	Autumn, Spring
<a href="#">STAT101</a>	Introduction to Statistics	6	Spring
<b>200-Level</b>			
<a href="#">MATH201</a>	Multivariate and Vector Calculus	6	Autumn
<a href="#">MATH202</a>	Differential Equations: Analysis and Applications	6	Autumn
<a href="#">MATH203</a>	Linear Algebra and Groups	6	Spring
<a href="#">MATH205</a>	Numerical Methods	6	Spring
<a href="#">MATH212</a>	Mathematical Modelling	6	Spring
<a href="#">MATH222</a>	Real Analysis	6	Autumn

STAT201	Random Variables and Estimation	6	Autumn
STAT202	Statistical Inference and Introduction to Model Building	6	Spring
<b>300-Level</b>			
<b>(Note that some of the following subjects will not be available until 2020, and that some existing codes are renamed from 2020)</b>			
MATH300	Complex Analysis	6	Not available in 2019
MATH305	Partial Differential Equations	6	Spring
MATH310	Applied Functional Analysis	6	Not available in 2019
MATH312	Advanced Applied Mathematical Modelling	6	Not available in 2019
MATH319	Advanced Numerical Methods	6	Not available in 2019
MATH317	Financial Mathematics	6	Autumn
MATH318	Mathematical Optimisation and Operations Research	6	Spring
MATH322	Algebra	6	Not available in 2019
MATH323	Topology	6	Not available in 2019
MATH324	Calculus of Variations and Elementary Differential Geometry	6	Spring

MATH326	Analysis on Banach Spaces	6	Not available in 2019
MATH327	Measure and Integration Theory with Probability	6	Not available in 2019
MATH329	Medical Mathematics	6	Autumn
MATH371	Special Topics in Industrial and Applied Mathematics 3	6	Autumn, Spring
MATH372	Special Topics in Mathematical Analysis 3	6	Autumn, Spring
MATH399	Mathematics Capstone	6	Not available in 2019
STAT301	Statistical Methods for Data Science	6	Not available in 2019
STAT304	Applied Probability and Financial Risk	6	Autumn
STAT332	Linear and Generalised Linear Models	6	Spring
STAT335	Sample Surveys and Experimental Design	6	Autumn
STAT353	Applied Data Analysis and Model Building	6	Spring
STAT373	Special Topics in Probability and Statistics 3	6	Autumn
STAT374	Special Topics in Applied Statistics 3	6	Spring
<b>400-Level</b>			
INFO411	Data Mining and Knowledge Discovery	6	Autumn

## Honours

A fourth year of study, [Honours](#), is available to students who have achieved a Credit average or better in the Bachelor of Mathematics. It is a more challenging program that includes a research project. Students who wish to enter the Honours program should obtain the approval of the Honours Coordinator at the end of their third year.

## Other Information

Further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or [Academic Program Director](#)

Last reviewed: 12 December, 2018

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Mathematics (Honours) | 2019

Testamur Title of Degree:	Bachelor of Mathematics (Honours)
Abbreviation:	BMath(Hons)
UOW Course Code:	761
CRICOS Code:	001569F
Total Credit Points:	48
Duration:	1 year full-time or part-time equivalent
Home Faculty:	Faculty of Engineering & Information Sciences
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus:	Wollongong

## Overview

A Bachelor of Mathematics Honours degree considerably widens career opportunities and serves as an initial preparation for employment as a professional mathematician/statistician. It also satisfies the entry requirement for higher research studies such as a Master of Philosophy or a Doctor of Philosophy (PhD) degree.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to:

CLO	Description
1	Demonstrate advanced theoretical and technical knowledge in mathematics or statistics.
2	Demonstrate well-developed cognitive and technical skills in mathematics or statistics to select and apply mathematical or statistical methods to analyse and generate solutions to complex problems.
3	Transmit mathematical or statistical knowledge, skills and ideas to others.
4	Apply knowledge and skills ethically to demonstrate some autonomy and sound judgement as a mathematician or statistician.

## Course Structure

A student will complete a thesis (worth 25% of overall degree) in an area of interest under the close supervision of one or more members of staff in the discipline. The other 75% of the degree consists of coursework subjects chosen from those offered by the School or the Australian Mathematical Sciences Institute (AMSI), with the approval of the BMath Honours Academic Program Director.

Students must complete one of the following two programs of study.

### Program A: Honours in Mathematics



Subject Code	Subject Name	Credit Points	Session(s)
MATH491	Mathematics Honours Thesis	12	Annual, Spring 2019/Autumn 2020
MATH451	Advanced Topics in Mathematics A	12	Autumn
MATH452	Advanced Topics in Mathematics B	12	Spring
Two Electives*		12	Autumn, Spring

## Program B: Honours in Applied Statistics

Subject Code	Subject Name	Credit Points	Session(s)
STAT491	Statistics Honours Thesis	12	Annual, Spring 2019/Autumn 2020
STAT451	Advanced Topics in Statistics A	12	Autumn
STAT452	Advanced Topics in Statistics B	12	Spring
Two Electives*		12	Autumn, Spring

\* Electives must be 300- or 400-level subjects, including at least one MATH/STAT/INFO subject, as approved by the Academic Program Director for the BMath(Hons).

## Grade of Honours

The overall grade of Honours is determined by Method 1 (as described in the [General Course Rules](#)).

## Honours Guide and Code of Practice - Honours

[Honours Guide](#) provides detailed information for SMAS students. Students should also refer to the general University [Code of Practice - Honours](#).



## Other Information

For further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au)

Last reviewed: 26 September, 2018

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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Mathematics - Bachelor of Computer Science | 2019

Testamur Title of Degree:	Bachelor of Mathematics - Bachelor of Computer Science
Abbreviation:	BMath-BCompSc
UOW Course Code:	769
CRICOS Code:	016108A
Total Credit Points:	216
Duration:	4.5 years full-time or part-time equivalent
Home Faculty:	Faculty of Engineering and Information Sciences
Intake Session(s):	Autumn
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 751701

## Overview

Double degrees aim to broaden a student's knowledge and skill base and improve career options in competitive, increasingly interactive fields. The programs are designed to enhance a student's educational, academic and professional qualifications whilst minimising the costs of their studies.

The Bachelor of Mathematics - Bachelor of Computer Science double degree offers an opportunity to combine the power of mathematics with knowledge bases in other disciplines. Pure Mathematics, Mathematical Analysis, Applied Statistics, and Industrial Mathematics are some of the programs that can be combined with Computer Science.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#). Students must seek advice and approval from both Faculties before enrolment.

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level. The outcomes which are common and consolidated in this joint degree ensure that on successful completion of the course students will be able to:

CLO	Description
1	Demonstrate sound disciplinary knowledge.
2	Investigate and solve problems using discipline specific approaches.
3	Work as part of a team.
4	Apply professional, social and ethical approaches in learning and decision making.

Please refer to the [Bachelor of Mathematics](#) or [Bachelor of Computer Science](#) undergraduate course handbook page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

To qualify for the double degree of Bachelor of Mathematics - Bachelor of

Computer Science, a candidate must satisfactorily complete at least 216 credit points and satisfy the requirements for the Bachelor of Mathematics and the Bachelor of Computer Science respectively, as specified in the Course Handbook.

To remain enrolled in the Bachelor of Mathematics-Bachelor of Computer Science a WAM of at least 65 must be achieved at the end of each calendar year. Students who have not achieved a WAM of at least 65 will be required to meet with the Academic Program Director, and may be required to transfer out of the double degree into either the [Bachelor of Mathematics](#) or the [Bachelor of Computer Science](#).

Students who enrol in the [Bachelor of Mathematics - Bachelor of Computer Science](#), must complete a minimum of 216 credit points including:

- a. Mathematics component to a total value of 102 credit points, consisting of 66 credit points of core subjects (excluding CSIT110), one of [MATH212](#), [MATH222](#), [STAT201](#), and 30 credit points of 300- and/or 400-level subjects (additional to MATH301) from the Mathematics Schedule.
- b. Computer Science component to the value of 114 credit points consisting of 90 credit points of core subjects and 24 credit points of 300 level computer science subjects. (Students are not required to complete [MATH221](#) from the Bachelor of Computer Science core.)

The following program of study is recommended to satisfy the requirements in minimum time:

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">CSIT113</a>	Problem Solving	6	Autumn
<a href="#">CSIT115</a>	Data Management and Security	6	Autumn, Spring
<a href="#">MATH187</a>	Mathematics 1: Algebra and Differential Calculus	6	Autumn
<a href="#">STAT101</a>	Introduction to Statistics	6	Spring
<a href="#">CSIT111</a>	Programming Fundamentals	6	Autumn, Spring
<a href="#">CSIT114</a>	System Analysis	6	Autumn
<a href="#">MATH188</a>	Mathematics 2: Series	6	Spring

	and Integral Calculus		
MATH100	Introduction to Mathematics	6	Autumn
<b>Year 2</b>			
CSIT214	IT Project Management	6	Autumn, Spring
CSIT21	Object Oriented Design and Programming	6	Autumn, Spring, Summer 2019/2020
CSIT27	Networks and Communications	6	Spring
MATH201	Multivariate and Vector Calculus	6	Autumn
MATH202	Differential Equations: Analysis and Applications	6	Autumn
CSIT28	Introduction to Web Technology	6	Spring
MATH123	Discrete Mathematics and Difference Equations	6	Spring
Plus ONE subject from the following three:			
MATH212	Mathematical Modelling	6	Spring
MATH222	Real Analysis	6	Autumn
STAT201	Random Variables and Estimation	6	Autumn
<b>Year 3</b>			
CSCI235	Database Systems	6	Autumn, Spring
MATH203	Linear Algebra and Groups	6	Spring
CSIT226	Human Computer Interaction	6	Spring

<a href="#">CSCI251</a>	Advanced Programming	6	Autumn, Spring
<a href="#">CSCI203</a>	Algorithms and Data Structures	6	Spring
<a href="#">MATH205</a>	Numerical Methods	6	Spring
<a href="#">MATH300</a>	Complex Analysis	6	Not available in 2019
Plus 6 credit points of 300- and/or 400-level subjects from the Mathematics Schedule.			
<b>Year 4</b>			
<a href="#">CSIT314</a>	Software Development Methodologies	6	Autumn
<a href="#">CSIT321</a>	Project	12	Annual, Spring 2019/Autumn 2020
<a href="#">MATH399</a>	Mathematics Capstone	6	Not available in 2019
Plus 12 credit points of 300- and/or 400-level subjects from the Mathematics Schedule.			
Plus 12 credit points of 300-level Computer Science subjects.			
<b>Year 5 (1 session only)</b>			
Any 12 credit points of 300- and/or 400-level subjects from the Mathematics Schedule.			
Plus 12 credit points of 300-level Computer Science subjects.			

## Majors

Please refer to the entries for the [Bachelor of Mathematics](#) and the [Bachelor of Computer Science](#).

## Honours

Candidates may apply to register to do either the [Bachelor of Mathematics](#)

(Honours) or the [Bachelor of Computer Science \(Honours\)](#), or to do both sequentially, after the satisfactory completion of the double degree program.

## Professional Recognition/Accreditation

The Bachelor of Computer Science is accredited by the [Australian Computer Society](#) as meeting the requirements for membership at a “Professional level”.

## Other Information

Further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au)

Last reviewed: 15 November, 2018

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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Mathematics - Bachelor of Laws | 2019

Testamur Title of Degree:	Bachelor of Mathematics - Bachelor of Laws
Abbreviation:	BMath-LLB
UOW Course Code:	376
CRICOS Code:	094219C
Total Credit Points:	240*
Duration:	5 years full-time or **part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn / Spring#
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 751206



\*This is a minimum figure and may vary depending on the major.

\*\*Students interested in studying this degree part-time should consult with the Law Head of Students by contacting [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au).

#Students commencing in Spring will undertake their first session in the Bachelor of Mathematics, before completing their first year of Law in their second year of enrolment.

## Overview

A Bachelor of Mathematics – Bachelor of Laws from UOW equips you with a comprehensive legal education: a world-class degree that provides a thorough grounding in the law, as well as a real-world focus on the essential practical skills and the social and ethical context in which the law operates.

Combining Law with Mathematics will help you gain a competitive edge, teaching you to identify patterns, analyse complex information, develop an ability to interpret data, predict consequential actions, and be acutely aware of legal considerations and the context in which they arise.

We believe that practical experience is a vital part of your legal training. We are the only law school in New South Wales that requires you to complete a legal internship, providing highly valued industry experience. We are committed to social justice and providing a legal education that engages with the complexities of law's intersection with society.

This double degree delivers a practical and contextual legal education that prepares graduates not only for traditional careers in the legal profession but also for a wide range of careers in government, business and community organisations – as leaders, innovators and problem solvers.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

The outcomes, which are common and consolidated in this double degree, ensure that on successful completion of the course students will be able to:

CLO	Description
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1	Demonstrate sound disciplinary knowledge;
2	Apply ethical principles to a range of contexts;
3	Apply reasoning and critical analysis to generate appropriate disciplinary responses;
4	Communicate effectively with a range of audiences.

Please refer to the [Course Handbook](#) page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

To qualify for award of the degree, the Bachelor of Mathematics - Bachelor of Laws, a candidate must successfully complete at least 240 credit points, comprised of:

1. All compulsory Law subjects as set out in the schedule below (114 credit points);
2. 30 credit points of electives from the [Bachelor of Laws \(Graduate Entry\)](#) elective list;
3. Subjects to the value of at least 96 credit points from the [Bachelor of Mathematics](#), including a major study in Mathematics.

Note: Students Must also satisfy the requirements prescribed for the [Bachelor of Mathematics](#) degree.

Subject Code	Subject Name	Credit Points
<b>Year 1</b>		
<a href="#">LLB1100</a>	Foundations of Law	6
<a href="#">LLB1115</a>	Legal Skills	6
<a href="#">LLB1120</a>	Law of Contract A	6
<a href="#">LLB1130</a>	Criminal Law and Procedure A	6
<a href="#">LLB1160</a>	Interpreting the Law	6
<a href="#">LLB1170</a>	Law of Contract B	6
<a href="#">LLB1180</a>	Criminal Law and Procedure B	6
<a href="#">LLB1197</a>	Legal Ethics & Professional Responsibility	6

<b>Year 2</b>		
<a href="#">LLB2220</a>	Property Law	6
<a href="#">LLB2230</a>	Administrative Law	6
<a href="#">LLB2270</a>	Equity and Trusts	6
<a href="#">LLB2280</a>	Constitutional Law	6
Subjects from Mathematics schedule		
<b>Year 3</b>		
<a href="#">LLB2225</a>	Advanced Legal Skills	6
<a href="#">LLB2240</a>	Law of Torts	6
<a href="#">LLB2290</a>	Jurisprudence	6
<a href="#">LLB3397</a>	Legal Internship	3
1 LLB Elective		
Subjects from Mathematics schedule		
<b>Year 4</b>		
<a href="#">LLB3300</a>	Remedies and Civil Procedure	6
<a href="#">LLB3301</a>	Evidence	6
<a href="#">LLB3302</a>	Law of Business Organisations	6
1 LLB Elective		
Subjects from Mathematics schedule		
<b>Year 5</b>		
<b>3 LLB Electives</b>		
<a href="#">LLB3399</a>	Law, Justice and Professional Practice	3
Subjects from Mathematics schedule		

**Part-time Study**

A student is considered part-time when they are enrolled in less than 75% of the standard load for a session. If you are seeking to complete your undergraduate law degree part-time, you are required to complete a minimum of 12 credit points (2 subjects) per session. Please refer to the [Recommended Study Sequence](#) for information.

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Majors

Students will complete at least one major chosen from the [Bachelor of Mathematics](#).

## Compulsory Work Placement / Online Components

This course contains a total of 140 hours over 4 weeks of compulsory work-based placements. This course may also contain compulsory components to be completed online.

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

Law students will complete a Legal Internship subject (LLB3397). This subject is the vehicle for a practical placement designed to expose students to the application of the law in practice; enable students to understand the importance of developing the skills of legal research; communication, drafting, practice management and problem solving; and enable students to observe and reflect upon the values, ethical standards and conduct of the legal profession in practice.

## Law Professional Recognition/Accreditation

The UOW Bachelor of Laws (single LLB or in combination with another degree) is accredited by the Legal Profession Admission Board (LPAB) as satisfying the academic requirements necessary for admission to the Australian legal profession. On completion of the Bachelor of Laws, a student who wishes to practise as a barrister or solicitor must also undertake some form of professional practical training, the requirements for which vary between each state and territory of Australia.

In New South Wales, a student who intends to qualify for admission to practice is required to undertake a practical legal training (PLT) course

accredited by the LPAB, followed by or incorporating a period of practical experience in a law-related setting. Practical experience gained by students in [LLB3397 Legal Internship](#) may be counted towards this practical experience requirement. Graduates should check with their PLT provider. A list of LPAB accredited PLT courses can be found on the [LPAB website](#).

Students who intend to practise as solicitors after admission will be subject to a period of restricted practice and the mandatory continuing legal education requirements. Further information is available from the [Law Society of New South Wales](#). Students who intend to practise as barristers after admission will be required to read with a senior barrister for a period of time and to undertake the Bar Readers' Course and Bar Examination before being qualified to take briefs on their own account. Further information is available from the [New South Wales Bar Association](#).

## Honours

### Law

High achieving students enrolled in this double degree may consult with the [Honours Coordinator in Law](#) regarding the possibility of transferring into an [Honours Law](#) degree.

A student who successfully transfers into an Honours program but does not meet the minimum performance standards required for the award of Honours will be permitted to transfer back to the double degree in which they were enrolled immediately prior to the transfer into the Honours course, and will be awarded credit for the number of credit points passed in the Honours degree.

### Mathematics

Students seeking to pursue an Honours degree in Mathematics should refer to the information on the [Bachelor of Mathematics \(Honours\)](#) Course Handbook Page.

## Other Information

Further information is available via email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Mathematics - Bachelor of Science (Physics) | 2019

Testamur Title of Degree:	Bachelor of Mathematics - Bachelor of Science
Abbreviation:	BMath-BSc
UOW Course Code:	792
CRICOS Code:	048495J
Total Credit Points:	216
Duration:	4.5 years full-time or part-time equivalent
Home Faculty:	Faculty of Engineering and Information Sciences
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 751805

## Overview

Double degrees aim to broaden a student's knowledge and skill base and improve career options in competitive, increasingly interactive fields. The programs are designed to enhance a student's educational, academic and professional qualifications whilst minimising the costs of their studies.

The Bachelor of Mathematics - Bachelor of Science (Physics) provides a deeper understanding of the complementary areas of Mathematics and Physics. Graduates are particularly suited to careers involving mathematical modelling of physical systems. Students must seek advice and approval from both Schools before enrolment.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

The outcomes, which are common and consolidated in this joint degree, ensure that on successful completion of the course students will be able to:

CLO	Description
1	Demonstrate and identify core knowledge and understandings of the discipline.
2	Exhibit and apply knowledge in the disciplines.
3	Demonstrate knowledge of research principles and methods.
4	Communicate concepts effectively to a range of audiences.

Please refer to the [Bachelor of Science \(Physics\)](#) and [Bachelor of Mathematics](#) course handbook page for a comprehensive list of degree course learning outcomes.

## Course Structure

All students must complete the required number of credit points and satisfy all core course requirements for the both the Bachelor of Mathematics, and the Bachelor of Science (Physics). The course structure below is a list of all of



the required subjects in this double degree, scheduled for completion within 4.5 years. All students must take particular notice of the Course Rules regarding minimum rate of progress.

The following program is recommended for the first two years of study as it gives the greatest flexibility in the remaining 2.5 years of study.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
MATH187	Mathematics 1: Algebra and Differential Calculus	6	Autumn
PHYS141	Fundamentals of Physics A	6	Autumn
MATH100	Introduction to Mathematics	6	Autumn
CSIT110	Fundamental Programming with Python	6	Autumn
STAT101	Introduction to Statistics	6	Spring
MATH123	Discrete Mathematics and Difference Equations	6	Spring
MATH188	Mathematics 2: Series and Integral Calculus	6	Spring
PHYS142	Fundamentals of Physics B	6	Spring
<b>Year 2</b>			
MATH201	Multivariate and Vector Calculus	6	Autumn
MATH202	Differential Equations: Analysis and Applications	6	Autumn
PHYS205	Advanced Modern Physics	6	Autumn
PHYS215	Vibrations, Waves & Optics	6	Autumn
MATH203	Linear Algebra and Groups	6	Spring
MATH205	Numerical Methods	6	Spring

<a href="#">PHYS225</a>	Electromagnetism and Optoelectronics	6	Spring
<a href="#">PHYS235</a>	Mechanics & Thermodynamics	6	Spring
<b>Year 3, 4 and 5</b>			
<a href="#">MATH300</a>	Complex Analysis	6	Not available in 2019
<a href="#">PHYS325</a>	Electromagnetism	6	Autumn
<a href="#">PHYS305</a>	Quantum Mechanics	6	Autumn
<a href="#">MATH399</a>	Mathematics Capstone	6	Not available in 2019
<b>Plus one of the following three subjects:</b>			
<a href="#">MATH222</a>	Real Analysis	6	Autumn
<a href="#">STAT201</a>	Random Variables and Estimation	6	Autumn
<a href="#">MATH212</a>	Mathematical Modelling	6	Spring
And another five 300 or 400 level subjects from the Mathematics Schedule		30	
And another four 300 or 400 level PHYS subjects		24	
And 36 credit points of elective subjects.		36	

## Majors

Please refer to the entry for the [Bachelor of Mathematics](#) for details of mathematics majors.

## Honours

High performing students are encouraged to proceed to an Honours year. This additional year of study provides training in independent research in either discipline. Further information may be found on the relevant course handbook pages.

# Professional Recognition/Accreditation

The Bachelor of Science (Physics) and the Honours degree conform to the requirements for membership of the [Australian Institute of Physics](#). Recognition as a professional physicist requires the completion of a higher degree or an equivalent amount of professional experience.

## Other Information

Further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or [Academic Program Director](#)

Last reviewed: 15 November, 2018

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# 2019 Undergraduate Courses

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Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Mathematics Advanced | 2019

Testamur Title of Degree:	Bachelor of Mathematics Advanced
Abbreviation:	BMathAdv
UOW Course Code:	762_2
CRICOS Code:	036040F
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Engineering and Information Sciences
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 756512

## Overview

The Bachelor of Mathematics Advanced is available to students who have a superior mathematical knowledge on entry to UOW. It allows such students to reduce their number of first-year mathematics subjects and replace them with enrichment projects which provide the opportunities to build links with industry and to understand the interaction between mathematics and society.

The program links in with the strong research activities of the School of Mathematics and Applied Statistics. Students will benefit from a close relationship with active researchers.

A Mathematics Advanced (Honours) degree is available to candidates who achieve a distinction average or better in the Bachelor of Mathematics Advanced degree.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes (CLOs) are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to:

CLO	Description
1	Demonstrate a coherent and firm understanding of the fundamentals of both the mathematical and statistical disciplines.
2	Exhibit depth and breadth of knowledge in the discipline areas of mathematics and statistics.
3	Investigate and solve advanced problems using mathematical and/or statistical methods, including software tools, to solve practical and abstract problems and then interpret results critically.
4	Appropriately interpret and present information to different audiences, using various delivery modes, communicated in mathematical and/or statistical form, giving reasoning and conclusions.
5	Apply professional, social and ethical approaches in learning to extend existing knowledge and to work effectively and responsibly as an individual or team member.
6	Apply knowledge and skills to demonstrate growing independence in

judgement as a training mathematician or statistician

## Course Structure

Students who enrol in the Bachelor of Mathematics Advanced shall accrue an aggregate of at least 144 credit points by satisfactory completion of:

1. The following 78 credit points of core subjects;

Subject Code	Subject Name	Credit Points	Session(s)
MATH110	Advanced Mathematics	6	Autumn
MATH201	Multivariate and Vector Calculus	6	Autumn
MATH202	Differential Equations: Analysis and Applications	6	Autumn
CSIT110 or CSIT111	Fundamental Programming with Python Programming Fundamentals	6	Autumn Autumn, Spring
STAT101	Introduction to Statistics	6	Spring
MATH203	Linear Algebra and Groups	6	Spring
MATH205	Numerical Methods	6	Spring
MATH212	Mathematical Modelling	6	Spring
STAT201	Random Variables and Estimation	6	Autumn
MATH222	Real Analysis	6	Autumn
MATH300	Complex Analysis	6	Not available in 2019
MATH235 or STAT235	Mathematics Project A Statistics Project A	6	Autumn, Spring
MATH345	Mathematics Project B	6	Autumn,

or <a href="#">STAT345</a>	Statistics Project B	Spring
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2. Additional 300- and/or 400-level subjects from the Mathematics Schedule with a value of at least
  - a. 30 credit points, or
  - b. 18 credit points if combined with a major study in Computer Science, or
  - c. 24 credit points if combined with any other major study;
3. Elective subjects chosen from the Mathematics Schedule or from the General Schedule to bring the total to 144 credit points;
4. No more than 60 credit points at 100-level.

Students enrolled in this degree may complete a major in:

- Mathematics, or
- Applied Statistics.

Students are referred to the [Bachelor of Mathematics](#) rules for the details of these majors.

Note that declaring a major is not required to complete a Bachelor of Mathematics Advanced.

All candidates are expected to consult with the Academic Program Director before committing themselves to any particular pattern.

## Double Majors

Candidates wishing to add a second major from the School of Mathematics and Applied Statistics, or from another discipline, are advised to consult with the Academic Program Director for verification of their intended program.

## Honours

Students who achieve a Distinction average or better in the Bachelor of Mathematics Advanced may be eligible to apply for the additional fourth year Honours program. This is a challenging program that includes a research project.

## Other Information

Further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or the [Academic Program Director](#)

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# 2019 Undergraduate Courses

Home

□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Mathematics Advanced (Honours) | 2019

Testamur Title of Degree:	Bachelor of Mathematics Advanced (Honours)
Abbreviation:	BMathAdv(Hons)
UOW Course Code:	761_2
CRICOS Code:	049639A
Total Credit Points:	48
Duration:	1 year full-time or part-time equivalent
Home Faculty:	Faculty of Engineering & Information Sciences
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus:	Wollongong

## Overview

A Bachelor of Mathematics Advanced (Honours) degree considerably widens career opportunities, particularly in mathematical/statistical research. It also satisfies the entry requirement for higher research studies such as a Master of Philosophy (MPhil) or a Doctor of Philosophy (PhD) degree.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes (CLOs) are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to:

CLO	Description
1	Demonstrate advanced theoretical and technical knowledge in mathematics or statistics.
2	Demonstrate advanced cognitive and technical skills in mathematics or statistics to select and apply mathematical or statistical methods to analyse and generate solutions to complex problems.
3	Transmit mathematical or statistical knowledge, skills and ideas to others.
4	Apply knowledge and skills ethically to demonstrate autonomy and well-developed judgement as a mathematician or statistician.

## Course Structure

A student will complete a substantial thesis (worth 37.5% of overall degree) in an area of interest under the close supervision of one or more members of staff in the discipline. The other 62.5% of the degree consists of coursework subjects chosen from those offered by the School or the Australian Mathematical Sciences Institute (AMSI), with the approval of the BMathAdv(Hons) Academic Program Director.

Students must complete one of the following two programs of study.

### Honours in Mathematics

Subject	Subject Name	Credit	Session(s)
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Code		Points	
MATH492	Mathematics Advanced Honours Thesis	18	Annual, Spring 2019/Autumn 2020
MATH451	Advanced Topics in Mathematics A	12	Autumn
MATH452	Advanced Topics in Mathematics B	12	Spring
MATH/STAT/INFO 400 or 300 level*		6	Autumn, Spring

## Honours in Statistics

Subject Code	Subject Name	Credit Points	Session(s)
STAT492	Statistics Advanced Honours Thesis	18	Annual, Spring 2019/Autumn 2020
STAT451	Advanced Topics in Statistics A	12	Autumn
STAT452	Advanced Topics in Statistics B	12	Spring
MATH/STAT/INFO 400 or 300 level*		6	Autumn, Spring

\* Elective must be 300 or 400 level MATH/STAT/INFO as approved by the BMathAdv(Hons) Academic Program Director.

## Grade of Honours

The overall grade of Honours is determined by Method 1 (as described in the [General Course Rules](#)).

## Honours Guide and Code of Practice - Honours

[Honours Guide](#) provides detailed information for SMAS students. Students should also refer to the general University [Code of Practice - Honours](#).

## Other Information

Further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or the [Academic Program Director](#)

Last reviewed: 6 November, 2018

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Mathematics and Finance (Honours) | 2019

Testamur Title of Degree:	Bachelor of Mathematics and Finance (Honours)
Abbreviation:	BMathFin(Hons)
UOW Course Code:	356
CRICOS Code:	085498K
Total Credit Points:	192
Duration:	4 years full-time or part-time equivalent
Home Faculty:	Faculty of Engineering and Information Sciences
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 756503

## Overview

Advanced skills in mathematics are essential to good decision-making in the world of finance. Graduates of this course have the skills to apply sophisticated mathematical and statistical techniques to real-world problems and are also encouraged to develop computing and communication skills, which are an asset in the employment market.

Students may complete the Bachelor of Mathematics and Finance (Honours) degree either with no declared major or with a declared major. The available majors are:

- Financial Planning
- Mathematical Economics
- Quantitative Corporate Finance and Investments
- Quantitative and Computational Trading
- Risk Management and Insurance

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes (CLOs) are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to:

CLO	Description
1	Demonstrate advanced theoretical and technical knowledge in mathematics, statistics and finance.
2	Integrate knowledge derived from finance and mathematics.
3	Demonstrate advanced cognitive and technical skills in mathematics, statistics and finance to select and apply mathematical to statistical methods to analyse and generate solutions to complex problems in finance.
4	Transmit mathematical, statistical and financial knowledge, skills and ideas to others.
5	Apply mathematical and statistical knowledge to professional practice in finance.
6	Apply professional, social and ethical approaches in learning to demonstrate autonomy and well-developed judgement as a financial

mathematician or statistician.
--------------------------------

## Course Structure

Students who enrol in the Bachelor of Mathematics and Finance (Honours) are required to satisfactorily complete at least 192 credit points of subjects, consisting of:

a. The following 120 credit points of core subjects;

Subject Code	Subject Name	Credit Points	Session(s)
<b>100-level</b>			
ACCY111	Accounting Fundamentals In Society	6	Autumn, Spring
ACCY112	Accounting In Organisations	6	Autumn, Spring, Summer 2019/2020
FIN 111	Introductory Principles of Finance	6	Autumn, Spring, Summer 2019/2020
MATH100	Introduction to Mathematics	6	Autumn
MATH187	Mathematics 1: Algebra and Differential Calculus	6	Autumn
MATH188	Mathematics 2: Series and Integral Calculus	6	Spring
STAT101	Introduction to Statistics	6	Spring
<b>200-level</b>			
FIN 222	Corporate Finance	6	Autumn, Spring
FIN 223	Investment Analysis	6	Autumn, Spring
MATH201	Multivariate and Vector Calculus	6	Autumn

MATH202	Differential Equations: Analysis and Applications	6	Autumn
MATH203	Linear Algebra and Groups	6	Spring
STAT201	Random Variables and Estimation	6	Autumn
STAT202	Statistical Inference and Introduction to Model Building	6	Spring
<b>300-level</b>			
FIN 322	Advanced Corporate Finance	6	Spring
MATH317	Financial Mathematics	6	Autumn
STAT332	Linear and Generalised Linear Models	6	Spring
<b>400-level</b>			
INFO401	Mathematics and Finance Honours Project	12	Annual, Spring 2019/Autumn 2020
MATH407	Research Methods	6	Autumn

b. If a major is declared, additional subjects which are specific to the major.

c. At least 48 credit points, additional to those in the table of core subjects, of 300- and/or 400-level subjects from the List of Electives; which must include:

- 18 credit points of MATH/STAT/INFO subjects,
- 18 credit points of ACCY/FIN/ECON subjects,
- 12 credit points of 400-level subjects, and
- at least one 400-level 6 credit point MATH/STAT/INFO subject.

d. Any subjects chosen from the List of Electives that are needed to bring the total to 192 credit points;

e. No more than 66 credit points at 100-level.

After completion of 144 credit points, students must attain an average of 65% or higher to continue into fourth year. Students who do not meet this



requirement will be transferred to the Bachelor of Mathematics and Finance and will be advised by the Academic Program Director of a program of study to complete the degree.

The classes of Honours awarded are defined in the [General Course Rules Section 8](#). The Honours grade will be calculated in accordance with Method 2.

## List of Electives

Subject Code	Subject Name	Credit Points	Session(s)
Any MATH, STAT, FIN or ECON subject plus the subjects below:			
<a href="#">ACCY200</a>	Financial Accounting IIA	6	Autumn, Spring
<a href="#">ACCY201</a>	Financial Accounting IIB	6	Spring, Summer 2019/2020
<a href="#">ACCY228</a>	Taxation for Financial Planners	6	Spring
<a href="#">CSIT113</a>	Problem Solving	6	Autumn
<a href="#">CSIT115</a>	Data Management and Security	6	Autumn, Spring
<a href="#">CSIT121</a>	Object Oriented Design and Programming	6	Autumn, Spring, Summer 2019/2020
<a href="#">CSCI235</a>	Database Systems	6	Autumn, Spring
<a href="#">CSCI251</a>	Advanced Programming	6	Autumn, Spring
<a href="#">INFO411</a>	Data Mining and Knowledge Discovery	6	Autumn
<a href="#">INFO412</a>	Mathematics for Cryptography	6	Autumn
<a href="#">LAW 101</a>	Introduction to Law	6	Autumn
<a href="#">MARK101</a>	Marketing Principles	6	Autumn, Spring, Summer 2019/2020

<a href="#">MGNT110</a>	Introduction to Management	6	Autumn, Spring, Summer 2019/2020
<a href="#">MGNT208</a>	Introduction to Management for Professionals A	6	Autumn

## The Majors and the No-major Option

All Bachelor of Mathematics and Finance (Honours) students must satisfy the Course Rules specified above. In particular, all students, both those who do not choose a major and those who do, must take the additional subjects which are specific to those options and are detailed via the links below, together with suggested programs of study.

For students taking no major:

- [Recommended program of study](#)

For students taking a major:

- [Financial Planning](#)
- [Mathematical Economics](#)
- [Quantitative Corporate Finance and Investments](#)
- [Quantitative and Computational Trading](#)
- [Risk Management and Insurance](#)

## Professional Recognition/Accreditation

The structure of the Bachelor of Mathematics and Finance (Honours) has changed significantly in 2019, and professional recognition and accreditation are currently being sought from the relevant professional bodies.

## Other Information

For further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or the [Academic Program Director](#)

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Mathematics and Finance (Honours) (Dean's Scholar) | 2019

Testamur Title of Degree:	Bachelor of Mathematics and Finance (Honours) (Dean's Scholar)
Abbreviation:	BMathFin(Hons)(Dean'sSchol)
UOW Course Code:	362
CRICOS Code:	085501J
Total Credit Points:	192
Duration:	4 years full-time or part-time equivalent
Home Faculty:	Faculty of Engineering and Information Sciences
Intake Session(s):	Autumn
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 756520

## Overview

Advanced skills in mathematics are essential to good decision making in the world of finance. Graduates of this course have the skills to apply sophisticated mathematical and statistical techniques to real-world problems and are also encouraged to develop computing and communication skills, which are an asset in the employment market.

Students may complete the Bachelor of Mathematics and Finance (Honours) (Dean's Scholar) degree either with no declared major or with a declared major. The available majors are:

- Financial Planning
- Mathematical Economics
- Quantitative Corporate Finance and Investments
- Quantitative and Computational Trading
- Risk Management and Insurance.

Dean's Scholars degrees are highly recognisable, giving students the edge in competitive employment. The degree offers a challenging and enriched educational experience for high-achieving students who want to perform above the level normally expected. Students are also encouraged to continue their studies through the completion of Honours and research programs.

Students in this course receive special privileges as they study such as accelerated learning, where appropriate, and academic mentoring. Dean's Scholars are also encouraged to contribute to the scholarly life of the Faculty through events in the Faculty's postgraduate program.

Places are limited each year. Current students who have achieved a weighted average mark (WAM) of 80 at the end of one year of full-time study in a relevant degree may apply to transfer to the Dean's Scholar degree.

Continuation in the Bachelor of Mathematics and Finance (Honours) (Dean's Scholar) degree will normally be dependent on the student achieving a WAM of at least 80 in each year of study. Students who do not meet the required average will be transferred to the [Bachelor of Mathematics and Finance \(Honours\)](#) degree.

Please note that the Dean's Scholar Program is not offered for double degrees and is not a scholarship.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes (CLOs) are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to:

CLO	Description
1	Demonstrate advanced theoretical and technical knowledge in mathematics, statistics and finance.
2	Integrate knowledge derived from finance and mathematics.
3	Demonstrate advanced cognitive and technical skills in mathematics, statistics and finance to select and apply mathematical or statistical methods to analyse and generate solutions to complex problems in finance.
4	Transmit mathematical, statistical and financial knowledge, skills and ideas to others.
5	Apply mathematical and statistical knowledge to professional practice in finance.
6	Apply professional, social and ethical approaches in learning to demonstrate autonomy and well-developed judgement as a financial mathematician or statistician.
7	Plan and compose a research-based project or piece of scholarship that demonstrates understanding and critical analysis in financial mathematics or financial statistics.

## Course Structure

Students who enrol in the Bachelor of Mathematics and Finance (Honours) (Dean's Scholar) are required to satisfactorily complete at least 192 credit points of subjects, consisting of:

a. The following 120 credit points of core subjects:

Subject Code	Subject Name	Credit Points	Session(s)
<b>100-level</b>			
ACCY111	Accounting Fundamentals In Society	6	Autumn, Spring
ACCY112	Accounting In Organisations	6	Autumn, Spring, Summer

			2019/2020
FIN 111	Introductory Principles of Finance	6	Autumn, Spring, Summer 2019/2020
MATH100	Introduction to Mathematics	6	Autumn
MATH187	Mathematics 1: Algebra and Differential Calculus	6	Autumn
MATH188	Mathematics 2: Series and Integral Calculus	6	Spring
STAT101	Introduction to Statistics	6	Spring
<b>200-level</b>			
FIN 222	Corporate Finance	6	Autumn, Spring
FIN 223	Investment Analysis	6	Autumn, Spring
MATH201	Multivariate and Vector Calculus	6	Autumn
MATH202	Differential Equations: Analysis and Applications	6	Autumn
MATH203	Linear Algebra and Groups	6	Spring
STAT201	Random Variables and Estimation	6	Autumn
STAT202	Statistical Inference and Introduction to Model Building	6	Spring
Plus ONE of the Dean's Scholar core subjects below:			
MATH235	Mathematics Project A	6	Autumn, Spring
STAT235	Statistics Project A	6	Autumn, Spring
<b>300-level</b>			

<a href="#">FIN 322</a>	Advanced Corporate Finance	6	Spring
<a href="#">MATH317</a>	Financial Mathematics	6	Autumn
<a href="#">STAT332</a>	Linear and Generalised Linear Models	6	Spring
<b>400-level</b>			
<a href="#">INFO401</a>	Mathematics and Finance Honours Project	12	Annual, Spring 2019/Autumn 2020

b. Certain additional subjects which are specific to the major declared, if any, or to the no-major option;

c. At least 48 credit points, additional to those in the table of core subjects, of 300- and/or 400-level subjects from the List of Elective; which must include:

- 18 credit points of MATH/STAT/INFO subjects;
- 18 credit points of ACCY/FIN/ECON subjects;
- 12 credit points of 400-level subjects, and
- at least one 400-level 6 credit point MATH/STAT/INFO subject.

d. Any subjects chosen from the [List of Electives](#) that are needed to bring the total to 192 credit points;

e. No more than 66 credit points at 100-level.

In order to progress to the fourth year of the Dean's Scholar version of the Honours program, students must attain an average of at least 80% in the first 144 credit points completed. Students who do not meet this requirement will be transferred to the [Bachelor of Mathematics and Finance \(Honours\)](#) degree.

The classes of Honours awarded are defined in the [General Course Rules Section 8](#). The Honours grade will be calculated in accordance with Method 2.

## The Majors and the No-major Option

All Bachelor of Mathematics and Finance (Honours) (Dean's Scholar) students must satisfy the Course Rules specified above. In particular, all students, both those who do not choose a major and those who do, must take additional subjects which are specific to those options and are detailed via the links below, together with suggested programs of study.

For students taking no major:



- [Recommended program of study.](#)

For students taking a major:

- [Financial Planning](#)
- [Mathematical Economics](#)
- [Quantitative Corporate Finance and Investments](#)
- [Quantitative and Computational Trading](#)
- [Risk Management and Insurance](#)

## Professional Recognition/Accreditation

The structure of the Bachelor of Mathematics and Finance (Honours) (Dean's Scholar) has changed significantly in 2019, and professional recognition and accreditation are currently being sought from the relevant professional bodies.

## Other Information

For further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or the [Academic Program Director](#)

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Mathematics Education | 2019

Testamur Title of Degree:	Bachelor of Mathematics Education
Abbreviation:	BMathEd
UOW Course Code:	886
CRICOS Code:	051340B
Total Credit Points:	192
Duration:	4 years full-time or part-time equivalent
Home Faculty:	Faculty of Social Sciences
Intake Session(s):	Autumn
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 755102

## Overview

The Bachelor of Mathematics Education is a four-year degree that involves deepening your mathematical knowledge and developing the skills to implement this knowledge in modern secondary classrooms.

Teaching the next generation of mathematicians requires specific skills, and in the Bachelor of Mathematics Education degree you will combine studying mathematics and education subjects at university with extensive professional experience in secondary schools. Mathematics subjects including calculus, algebra, statistics and mathematical modelling are complemented with education subjects about teaching strategies, building your professional teaching skills, developing children's literacy and numeracy skills, teaching children with special needs, using ICT in the classroom and classroom management.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to:

CLO	Description
1	Demonstrate broad and coherent theoretical and practical knowledge of educational principles within the context of secondary mathematics teaching
2	Demonstrate coherent core knowledge of the fundamentals of mathematics and statistics
3	Demonstrate their depth and breadth of knowledge in one or more discipline areas of pure mathematics, applied mathematics or statistics
4	Demonstrate cognitive and technical skills to create learning tools, critically review, analyse, synthesise and solve problems within the field of mathematics education
5	Demonstrate their critical thinking and judgement skills when problem solving and identifying the complexities of their role as secondary mathematics teachers

6	Demonstrate the ability to clearly communicate educational concepts and mathematical principles within the teaching environment
7	Demonstrate autonomy and problem solving ability in professional practice, including differentiation of pedagogical strategies, planning teaching and learning activities and reflection on practice within secondary mathematics teaching contexts
8	Demonstrate their capacity to be reflective practitioners with an evolving understanding of the multi-faceted role of the teacher within the learning environment

## Course Structure

The Bachelor of Mathematics Education requires:

- The successful completion of at least 192 credit points as specified in the table below.
- The successful completion of the compulsory Professional Experience components embedded in the course.
- Students must successfully complete 36 credit points from the Year 1 subjects to be eligible for the first Professional Experience and to enrol in Year 2 subjects. Students should also note that a number of subject pre-requisites will be in place throughout the course.
- Students must have successfully completed all core subjects and the Literacy and Numeracy Test (LANTITE) and be enrolled in any annual and final semester core subjects to be eligible for their final Professional Experience.
- Students must have successfully completed all subject requirements, including the teaching performance assessment (UOW TPA) in [EDPS402](#), to be eligible to graduate.

Students who wish to complete the equivalent of a Mathematics major are required to undertake [MATH222](#), plus a minimum of 24 credit points in Mathematics at 300 level or higher. This may require you to take more than the minimum credit point requirement for this degree.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn</b>			
<a href="#">PSYS150</a>	Foundations of Human Development and Behaviour	6	Autumn
<a href="#">MATH187</a>	Mathematics 1: Algebra and Differential Calculus	6	Autumn

MATH100	Introduction to Mathematics	6	Autumn
CSIT110	Fundamental Programming with Python	6	Autumn
<b>Spring</b>			
MATH123	Discrete Mathematics and Difference Equations	6	Spring
MATH188	Mathematics 2: Series and Integral Calculus	6	Spring
STAT101	Introduction to Statistics	6	Spring
MATH270	Reflective Communication of Mathematics	6	Spring
<b>Year 2</b>			
<b>Autumn</b>			
EDPS111	Education Foundations: Introduction to Teacher Education	6	Autumn
MATH201	Multivariate and Vector Calculus	6	Autumn
MATH202	Differential Equations: Analysis and Applications	6	Autumn
Plus ONE of the following*:			
MATH222	Real Analysis	6	Autumn
STAT201	Random Variables and Estimation	6	Autumn
<b>Spring</b>			
EDPS201	Quality Teaching and Learning in Secondary Education I	6	Spring
EDSM202	Mathematics Pedagogy 1	6	Spring
EDPS302	Creating Positive Learning Environments	6	Spring

<a href="#">EDAE302</a>	Aboriginal Education	6	Spring
<b>Year 3</b>			
<b>Autumn</b>			
<a href="#">EDPS222</a>	Teachers as Communicators	6	Autumn
<a href="#">EDLE301</a>	Learners With Exceptional Needs	6	Autumn
<a href="#">EDPS301</a>	Quality Teaching and Learning in Secondary Education II	6	Autumn
<a href="#">EDIC401</a>	Effective use of ICT for Teaching & Learning	6	Autumn
<b>Spring</b>			
<a href="#">MATH203</a>	Linear Algebra and Groups	6	Spring
<a href="#">MATH205</a>	Numerical Methods	6	Spring
<a href="#">EDLD302</a>	Teaching Culturally and Linguistically Diverse Students	6	Spring
Plus ONE of the following:			
Any 300 or 400 level subject with the prefix MATH, STAT or INFO *		6	Spring
<a href="#">MATH212</a>	Mathematical Modelling	6	Spring
<b>Year 4</b>			
<b>Autumn</b>			
<a href="#">EDPS401</a>	Quality Teaching and Learning in Secondary Education III	6	Autumn
<a href="#">EDSM401</a>	Mathematics Pedagogy 2	6	Autumn
<a href="#">MATH305</a>	Partial Differential Equations	6	Autumn
Plus ONE subject at 300 or 400 level with the prefix MATH, STAT or INFO *		6	Autumn
<b>Spring</b>			

<a href="#">EDPS402</a>	Leadership, Management & Professional Learning in Secondary Education	12	Spring
Plus TWO elective subjects from the School of Education or the <a href="#">General Schedule</a> **		12	Spring

\* Students who wish to complete the equivalent of a Mathematics major are required to undertake [MATH222](#), plus a minimum of 24 credit points in Mathematics at 300 level or higher.

\*\* It is recommended that this elective be drawn from the School of Education which accommodates for the seven-week professional experience completed as part of EDPS402. Alternatively, students may choose to complete an elective in Autumn or Summer prior to commencing their professional experience.

For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Compulsory Work Placement / Online Components

This course contains a total of 560 hours or approximately 80 days of compulsory work-based placements, completed over 24 weeks throughout the degree. This course may also contain compulsory components to be completed online.

## Dean's Scholar

A Dean's Scholar program is available for high achieving students. For further information refer to the [Bachelor of Mathematics Education \(Dean's Scholar\)](#).

## Professional Recognition/Accreditation

This degree is accredited and recognised as a national professional teaching qualification. Students seeking work outside NSW or Australia are advised to check with potential employers and other teacher registration authorities for any additional requirements.

The University of Wollongong is committed to supporting students to meet the accreditation requirements to teach in Catholic Diocesan schools. Please contact your Academic Program Director for more information.

## Other Information



For further information email: [ssc@uow.edu.au](mailto:ssc@uow.edu.au)

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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Mathematics Education (Dean's Scholar) | 2019

Testamur Title of Degree:	Bachelor of Mathematics Education (Dean's Scholar)
Abbreviation:	BMathEd(Schol)
UOW Course Code:	1822
CRICOS Code:	069475F
Total Credit Points:	192
Duration:	4 years full-time or part time equivalent
Home Faculty:	Faculty of Social Sciences
Intake Sessions:	Autumn
Delivery Mode:	On-Campus
Delivery Campus:	Wollongong / 755202

## Overview

The Bachelor of Mathematics Education (Dean's Scholar) is a four-year degree that involves deepening your mathematical knowledge and developing the skills to implement this knowledge in modern secondary classrooms.

Teaching the next generation of mathematicians requires specific skills, and in this degree you will combine studying mathematics and education subjects at university with extensive professional experience in secondary schools. Mathematics subjects including calculus, algebra, statistics and mathematical modelling are complemented with education subjects about teaching strategies, building your professional teaching skills, developing children's literacy and numeracy skills, teaching children with special needs, using ICT in the classroom and classroom management.

The Bachelor of Mathematics Education (Dean's Scholar) is a program for high-achieving students who wish to continue their studies through honours and research degrees. As a Dean's Scholar you will make a scholarly contribution to your field of study and to UOW. You will have access to an academic mentor, extended library privileges, invitations to attend School workshops and seminars, and networking events.

Dean's scholar students benefit from extended library privileges, invitations to attend School workshops and seminars and networking events. There is also the opportunity for casual employment in the Faculty of Social Sciences, community research, or projects supervised by leading practitioners or scholars for 15 hours per year.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to:

CLO	Description
1	Demonstrate broad and coherent theoretical and practical knowledge of educational principles within the context of secondary mathematics teaching.

2	Participate in guided and self-directed enrichment activities on campus, in school and in community settings.
3	Demonstrate coherent core knowledge of the fundamentals of mathematics and statistics.
4	Demonstrate their depth and breadth of knowledge in one or more discipline areas of pure mathematics, applied mathematics or statistics.
5	Demonstrate their cognitive and technical skills to create learning tools, critically review, analyse, synthesise and solve problems within the field of mathematics education.
6	Demonstrate critical thinking and judgement skills when problem solving and identifying the complexities of their role as secondary mathematics teachers.
7	Demonstrate the ability to clearly communicate educational concepts and mathematical principles within the teaching environment.
8	Demonstrate autonomy and problem solving ability in professional practice, including differentiation of pedagogical strategies, planning teaching and learning activities and reflection on practice within secondary mathematics teaching contexts.
9	Demonstrate higher order thinking in relation to current and future educational challenges.
10	Demonstrate their capacity to be reflective practitioners with an evolving understanding of the multi-faceted role of the teacher within the learning environment.

## Course Structure

The Bachelor of Mathematics Education (Dean's Scholar) requires:

- a. The successful completion of at least 192 credit points as outlined in the table below.
- b. The successful completion of the compulsory Professional Experience components embedded in the course.
- c. Students must successfully complete 36 credit points from the Year 1 subjects to be eligible for the first Professional Experience and to enrol in Year 2 subjects. Students should also note that a number of subject pre-requisites will be in place throughout the course.
- d. Students must have passed all core subjects and the Literacy and Numeracy Test (LANTITE) and be enrolled in any annual and final semester core subjects to be eligible for their final Professional Experience.
- e. Students must successfully complete all subject requirements, including the teaching performance assessment (UOW TPA) in [EDPS402](#), to be eligible to graduate.
- f. To remain enrolled in the Dean's Scholar program, students must maintain a minimum weighted average mark (WAM) of 80 in each year of enrolment, from and including Year 2.

Students who wish to complete the equivalent of a Mathematics major are required to undertake [MATH222](#) (6cp), plus a minimum of 24 credit points in Mathematics at 300 level or higher. This may require you to take more than the minimum credit point requirement for this degree.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn</b>			
<a href="#">PSYS150</a>	Foundations of Human Development and Behaviour	6	Autumn
<a href="#">MATH187</a>	Mathematics 1: Algebra and Differential Calculus	6	Autumn
<a href="#">MATH100</a>	Introduction to Mathematics	6	Autumn
<a href="#">CSIT110</a>	Fundamental Programming with Python	6	Autumn
<b>Spring</b>			
<a href="#">MATH123</a>	Discrete Mathematics and Difference Equations	6	Spring
<a href="#">MATH188</a>	Mathematics 2: Series and Integral Calculus	6	Spring
<a href="#">STAT101</a>	Introduction to Statistics	6	Spring
<a href="#">MATH270</a>	Reflective Communication of Mathematics	6	Spring
<b>Year 2</b>			
<b>Autumn</b>			
<a href="#">EDPS111</a>	Education Foundations: Introduction to Teacher Education	6	Autumn
<a href="#">MATH201</a>	Multivariate and Vector Calculus	6	Autumn
<a href="#">MATH202</a>	Differential Equations: Analysis	6	Autumn

	and Applications		
Plus ONE of the following*:			
<a href="#">MATH222</a>	Real Analysis	6	Autumn
<a href="#">STAT201</a>	Random Variables and Estimation	6	Autumn
<b>Spring</b>			
<a href="#">EDPS201</a>	Quality Teaching and Learning in Secondary Education I	6	Spring
<a href="#">EDSM202</a>	Mathematics Pedagogy 1	6	Spring
<a href="#">EDPS302</a>	Creating Positive Learning Environments	6	Spring
<a href="#">EDAE302</a>	Aboriginal Education	6	Spring
<b>Year 3</b>			
<b>Autumn</b>			
<a href="#">EDPS222</a>	Teachers as Communicators	6	Autumn
<a href="#">EDLE301</a>	Learners With Exceptional Needs	6	Autumn
<a href="#">EDPS301</a>	Quality Teaching and Learning in Secondary Education II	6	Autumn
<a href="#">EDIC401</a>	Effective use of ICT for Teaching & Learning	6	Autumn
<b>Spring</b>			
<a href="#">EDER202</a>	Dean's Scholars Project	6	Spring
<a href="#">EDLD302</a>	Teaching Culturally and Linguistically Diverse Students	6	Spring
<a href="#">MATH203</a>	Linear Algebra and Groups	6	Spring
<a href="#">MATH205</a>	Numerical Methods	6	Spring
<b>Year 4</b>			

<b>Autumn</b>			
<a href="#">EDPS401</a>	Quality Teaching and Learning in Secondary Education III	6	Autumn
<a href="#">EDSM401</a>	Mathematics Pedagogy 2	6	Autumn
<a href="#">MATH305</a>	Partial Differential Equations	6	Autumn
Plus ONE subject at 300 or 400 level with the prefix MATH, STAT or INFO *		6	Autumn
<b>Spring</b>			
<a href="#">EDPS402</a>	Leadership, Management & Professional Learning in Secondary Education	12	Spring
Plus TWO elective subjects from the School of Education or the <a href="#">General Schedule</a> **		12	Spring

\*Students who wish to complete the equivalent of a Mathematics major are required to undertake [MATH222](#) (6cp), plus a minimum of 24 credit points in Mathematics at 300 level or higher.

\*\*It is recommended that this elective be drawn from the School of Education elective list which accommodates for the seven-week professional experience completed as part of EDPS402. Alternatively, students may choose to complete an elective in Autumn or Summer prior to commencing their professional experience.

For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Compulsory Work Placement / Online Components

This course contains a total of 560 hours or approximately 80 days of compulsory work-based placements, completed over 24 weeks throughout the degree. This course may also contain compulsory components to be completed online.

## Professional Recognition/Accreditation

This degree is accredited and recognised as a national professional teaching qualification. Students seeking work outside NSW or Australia are advised to

check with potential employers and other teacher registration authorities for any additional requirements.

The University of Wollongong is committed to supporting students to meet the accreditation requirements to teach in Catholic Diocesan schools. Please contact your Academic Program Director for more information.

## Other Information

For further information email [ssc@uow.edu.au](mailto:ssc@uow.edu.au)

Last reviewed: 27 October, 2018

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# 2019 Undergraduate Courses

Home

□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Medical and Health Sciences | 2019

Testamur Title of Degree:	Bachelor of Medical and Health Sciences
Abbreviation:	BMedHlthSc
UOW Course Code:	1830
CRICOS Code:	068533J
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Science, Medicine and Health
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus
Delivery Campus/UAC Code:	Wollongong / 757630

## Overview

The Bachelor of Medical & Health Sciences is a 3-year flexible program designed specifically for students who wish to study the scientific basis of human structure, function and health.

The qualification provides a basis for a wide range of careers or further study in the medical and health sciences, including higher degree research and postgraduate studies in medicine and the allied health professions.

The course is built upon core science subjects in first year, which provide foundation knowledge in the sciences underpinning human structure, function and health. Students will receive rigorous training in human anatomy, physiology and biochemistry, linked with electives in diverse areas such as biology, biotechnology, chemistry, neuroscience, nutrition, psychology and public health.

As the degree progresses, there are increasing opportunities for students to customise their program of study that may include a broad range of subjects ranging from chemistry to those related to the human body and health, plus the option of acquiring a minor in an area of choice.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Critically review, analyse and synthesise information;
2	Explain principles and concepts of science that underpin medical science and apply to human health.
3	Apply how scientific knowledge and skills in the area of medical science and health as it relates to professional practice and/or scholarship.
4	Integrate and apply specific knowledge and skills in a number of specialised areas within medical and health sciences that can include anatomy, chemistry, biochemistry, histology, neuroscience, physiology, pathology and medical research.

5	Exercise critical thinking and independent problem solving.
6	Communicate knowledge in the area of medical science and health clearly and coherently to others.

## Course Structure

To qualify for award of the degree, the Bachelor of Medical and Health Sciences, a candidate must successfully complete at least 144 credit points in accordance with the course structure and recommended subject progression table below.

**Please note:**

- The course should not contain any more than 60 credit points at Level 100.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn</b>			
MEDI111	Introduction to Anatomy and Physiology I	6	Autumn
MEDI160	Scientific Literacy	6	Autumn
<b>Select one of the following two subjects:</b>			
<b>Note: Students who have achieved a mark of 65% or more in NSW HSC Chemistry or equivalent must select CHEM101 and CHEM102. All other students must select CHEM104 and CHEM105.</b>			
CHEM101	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
<b>or</b>			
CHEM104	Foundation Chemistry: Properties of Matter	6	Autumn
<b>Plus one subject from the following list:</b>			

HAS130	Social Determinants of Health	6	Autumn
MEDI150	Fundamental Concepts in Food and Nutrition	6	Autumn
INDS150	Introduction to Indigenous Australia	6	Autumn
PHYS154	Energy, Climate Change and Human Society	6	Autumn
BIOL105	Functional Biology of Animals and Plants	6	Autumn
PSYC101	Introduction to Behavioural Science	6	Autumn, Summer 2020/2021
<b>Or other subjects approved by the Course Coordinator</b>			
<b>Spring</b>			
BIOL103	Molecules, Cells and Organisms	6	Spring
MEDI112	Introduction to Anatomy and Physiology II	6	Spring
<b>Select one of the following subjects:</b>			
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
<b>or</b>			
CHEM105	Foundation Chemistry: Reactions and Structures	6	Spring
<b>Plus one subject from the following list:</b>			
ECON100	Economic Essentials for Business	6	Autumn, Spring
EESC102	Earth's Interconnected Spheres	6	Spring

<a href="#">GEOG122</a>	Living in a Material World	6	Spring
<a href="#">INDS150</a>	Introduction to Indigenous Australia	6	Autumn
<a href="#">PHYS155</a>	Introduction to Biomedical Physics	6	Spring
<a href="#">MEDI151</a>	Healthy Ageing	6	Spring
<a href="#">STS 112</a>	Changing Perceptions of Nature	6	Autumn

**Or other subject approved by the Course Coordinator.**

## Year 2

### Autumn

<a href="#">BIOL213</a>	Principles of Biochemistry	6	Autumn
<a href="#">MEDI211</a>	Control Mechanisms Physiology	6	Autumn

**Plus 12 credit points of subjects from the following list:**

<a href="#">CHEM212</a>	Organic Chemistry II	6	Autumn
<a href="#">MEDI240</a>	Current Services in Indigenous Health	6	Spring
<a href="#">MEDI210</a>	Histology	6	Autumn
<a href="#">MEDI222</a>	Foundations of Biomechanics	6	Autumn
<a href="#">HAS 230</a>	Contemporary Public Health Issues	6	Not available in 2020
<a href="#">HAS 231</a>	Promoting the Public's Health	6	Autumn
<a href="#">MEDI243</a>	Comparative Indigenous Health Issues	6	Not available in 2020

**Or other subjects approved by the Course Coordinator.**

### Spring

BIOL214	The Biochemistry of Energy and Metabolism	6	Spring
MEDI304	Research Methods and Analysis	6	Spring
<b>Plus 12 credit points of subjects from the following list:</b>			
BIOL215	Introductory Genetics	6	Spring
MEDI212	Introduction to Pathophysiology	6	Spring
MEDI220	Musculoskeletal Functional Anatomy	6	Spring
MEDI221	Exercise Physiology	6	Spring
HAS 251	Introduction to Epidemiology	6	Spring
STS 209	Science and Culture	6	Autumn
MEDI258	Human Neuromechanics	6	Spring
<b>Or other subjects approved by the Course Coordinator.</b>			
<b>Year 3</b>			
<b>Autumn</b>			
MEDI312	Fundamentals of Neuroscience	6	Autumn
<b>Plus 18 credit points of subjects from the following list:</b>			
BIOL340	Cell and Molecular Biology	6	Autumn
CHEM358	Pharmacology	6	Autumn
MEDI350	Research Projects	12	Autumn, Spring
MEDI322	Advanced Exercise Physiology and Metabolism	6	Autumn
MEDI361	Nutrients & Metabolism	6	Not available in 2020

PHIL326	Bioethics	6	Autumn
<b>Or other subjects that approved by the Course Coordinator.</b>			
<b>Spring</b>			
<b>Select 24 credit points of subjects from the following list:</b>			
BIOL341	Immunity and Infection	6	Spring
CHEM325	Bioinformatics:Genome, Genes and Biomolecules	6	Spring
MEDI314	Regional Anatomy	6	Spring
MEDI350	Research Projects	12	Autumn, Spring
MEDI323	Cardiorespiratory Studies	6	Spring
MEDI382	Nature and Nurture in Human Disease	6	Spring
<b>Or other subjects approved by the Course Coordinator.</b>			

MinorsStudents may also wish to complete a minor using some of their elective subjects. Some currently approved minors are listed below. A full list is available on the [General Schedule of Minors](#).

<b>Faculty of Science, Medicine and Health</b>	<b>Faculty of Law, Humanities and the Arts</b>	<b>Faculty of Business</b>	<b>Faculty of Social Sciences</b>	<b>Faculty of Engineering and Information Sciences</b>
Indigenous Health Studies	Ethics	Management	Work, Health and Safety	Energy and Climate
Geosciences	Science and Technology	Accountancy	Social Policy	Mathematics
Earth and Environmental Science	Creative Writing	Business Information Systems	Introduction to Public Health	Physics
Archaeology	Philosophy	Business Law		General Physics
		Finance		Informatics

Physical Geography	of Psychology	Human Resource Management	Psychology
	Digital and Social Media	Marketing	Human Geography
	Sociology	Public Relations	Social Marketing
	Philosophy	Economics	Criminology
	Cultural Studies		

## Honours

Successful completion of the Bachelor of Medical and Health Sciences with a credit grade average enables students to apply for entry into the Bachelor of Medical and Health Sciences (Honours). For further information refer to the separate entry for [Bachelor of Medical and Health Sciences \(Honours\)](#).

## Other Information

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

Last reviewed: 23 September, 2019

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# 2019 Undergraduate Courses

Home

Students are to follow the requirements of the **Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Medical and Health Sciences (Honours) | 2019

Testamur Title of Degree:	Bachelor of Medical and Health Sciences (Honours)
Abbreviation:	BMedHlthSc(Hons)
UOW Course Code:	1831
CRICOS Code:	068534G
Total Credit Points:	48
Duration:	1 year full-time or part-time equivalent
Home Faculty:	Faculty of Science, Medicine and Health
Intake Session(s):	Autumn
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus:	Wollongong

## Overview

The Bachelor of Medical & Health Sciences (Honours) degree is an additional fourth year of study 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 program fosters the abilities and skills to:

- 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 OHS principles into practice.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Communicate extensive and coherent knowledge about an area of medical and health sciences.
2	Integrate and apply knowledge and skills in medical and health sciences together with research principles and methods to plan and execute a substantial scholarly/research activity.
3	Produce a piece of scholarly/research activity in the form of a thesis.

## Course Structure

To qualify for award of the degree, the Bachelor of Medical and Health Sciences (Honours), a candidate must successfully complete at least 48 credit points as outlined below.

Subject Code	Subject Name	Credit Points	Session(s)
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MEDI400	Honours	48	SMAH Annual, SMAH Annual 2019/2020
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## Other Information

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

Last reviewed: 24 October, 2018

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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Medical and Health Sciences (Honours) (Dean's Scholar) | 2019

Testamur Title of Degree:	Bachelor of Medical and Health Sciences (Honours) (Dean's Scholar)
Abbreviation:	BMedHlthSc(Hons)(Dean'sSchol)
UOW Course Code:	1702
CRICOS Code:	089656B
Total Credit Points:	192
Duration:	4 years full-time or equivalent part-time
Home Faculty:	Faculty of Science, Medicine and Health
Intake Session(s):	Autumn
Delivery Mode:	On-campus
Delivery	Wollongong / 757631

Campus/UAC Code:

## Overview

The Bachelor of Medical and Health Sciences (Honours) (Deans Scholar) degree is a 4-year flexible program designed specifically for high-achieving students who wish to study the scientific basis of human structure, function and health. The qualification provides a basis for a wide range of careers or further study in the medical and health sciences, including higher degree research and postgraduate studies in medicine and the allied health professions.

The course is built upon core subjects in first year, which provide foundation knowledge in the sciences underpinning human structure, function and health. Students will receive rigorous training in human anatomy, physiology and biochemistry, together with electives in a variety of areas such as biology, biotechnology, chemistry, neuroscience, nutrition, psychology and public health. The flexible nature of the degree provides the opportunity for students to customise their program of study, which may include a broad range of subjects ranging from chemistry to those related to the human body and health plus the option of acquiring a minor in an area of choice.

The program provides students with opportunities to develop their research knowledge and skills throughout their degree, and the chance to participate in a variety of research enrichment activities with options to gain hands-on experience in the diverse range of research laboratories located within the Faculty of Science, Medicine and Health.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Critically review, analyse and synthesise information;
2	Explain principles and concepts of science that underpin medical

	science and apply to human health.
3	Apply how scientific knowledge and skills in the area of medical science and health as it relates to professional practice and/or scholarship.
4	Integrate and apply specific knowledge and skills in a number of specialised areas within medical and health sciences that can include anatomy, chemistry/biochemistry, histology, neuroscience, physiology, pathology and medical research.
5	Exercise critical thinking and independent problem solving.
6	Plan and execute a substantial scholarly/research activity in the area of Medical and Health Sciences.
7	Clearly communicate, discuss and debate extensive knowledge and ideas about an area of medical and health sciences to others.

## Course Structure

To qualify for award of the degree, the Bachelor of Medical and Health Sciences (Honours) (Dean's Scholar), a candidate must satisfactorily complete 192 credit points in accordance with the table below.

Note:

- No more than 60 credit points can be completed at the 100-level.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn</b>			
MEDI111	Introduction to Anatomy and Physiology I	6	Autumn
MEDI160	Scientific Literacy	6	Autumn
<b>Select one of the following two subjects:</b>			
<b>Note: Students who have achieved a mark of 65% or more in NSW HSC Chemistry or equivalent must select <a href="#">CHEM101</a> and <a href="#">CHEM102</a>. All other students must select <a href="#">CHEM 104</a> and <a href="#">CHEM105</a></b>			
<a href="#">CHEM101</a>	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
Or			
<a href="#">CHEM104</a>	Foundation Chemistry: Properties of Matter	6	Autumn
<b>Plus one subject from the following list:</b>			

<a href="#">HAS 130</a>	Social Determinants of Health	6	Autumn
<a href="#">MEDI150</a>	Fundamental Concepts in Food and Nutrition	6	Autumn
<a href="#">INDS150</a>	Introduction to Indigenous Australia	6	Autumn
<a href="#">PHYS154</a>	Energy, Climate Change and Human Society	6	Autumn
<a href="#">BIOL105</a>	Functional Biology of Animals and Plants	6	Autumn
<a href="#">PSYC101</a>	Introduction to Behavioural Science	6	Autumn, Summer 2020/2021
<b>Or other approved subjects approved by the course coordinator.</b>			
<b>Spring</b>			
<a href="#">BIOL103</a>	Molecules, Cells and Organisms	6	Spring
<a href="#">MEDI112</a>	Introduction to Anatomy and Physiology II	6	Spring
<b>Select one of the following subjects:</b>			
<a href="#">CHEM102</a>	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
<b>Or</b>			
<a href="#">CHEM105</a>	Foundation Chemistry: Reactions and Structures	6	Spring
<b>Plus one subject from the following list:</b>			
<a href="#">ECON100</a>	Economic Essentials for Business	6	Autumn, Spring
<a href="#">EESC102</a>	Earth's Interconnected Spheres	6	Spring
<a href="#">GEOG122</a>	Living in a Material World	6	Spring
<a href="#">INDS150</a>	Introduction to Indigenous Australia	6	Autumn
<a href="#">PHYS155</a>	Introduction to Biomedical Physics	6	Spring
<a href="#">MEDI151</a>	Healthy Ageing	6	Spring
<a href="#">STS 112</a>	Changing Perceptions of Nature	6	Autumn
<b>Or other subject approved by the Course Coordinator.</b>			
<b>Year 2</b>			



<b>Autumn</b>			
BIOL213	Principles of Biochemistry	6	Autumn
MEDI211	Control Mechanisms Physiology	6	Autumn
<b>Plus 12 credit points of subjects from the following list:</b>			
CHEM212	Organic Chemistry II	6	Autumn
MEDI240	Current Services in Indigenous Health	6	Spring
MEDI210	Histology	6	Autumn
MEDI222	Foundations of Biomechanics	6	Autumn
HAS 230	Contemporary Public Health Issues	6	Not available in 2020
HAS 231	Promoting the Public's Health	6	Autumn
MEDI243	Comparative Indigenous Health Issues	6	Not available in 2020
<b>Or other subjects approved by the Course Coordinator.</b>			
<b>Spring</b>			
BIOL214	The Biochemistry of Energy and Metabolism	6	Spring
MEDI304	Research Methods and Analysis	6	Spring
<b>Select 12 credit points of subjects from the following list:</b>			
BIOL215	Introductory Genetics	6	Spring
MEDI212	Introduction to Pathophysiology	6	Spring
MEDI220	Musculoskeletal Functional Anatomy	6	Spring
MEDI221	Exercise Physiology	6	Spring
HAS 251	Introduction to Epidemiology	6	Spring
STS 209	Science and Culture	6	Autumn
<b>Or other subjects approved by the Course Coordinator.</b>			
<b>Year 3</b>			
<b>Autumn</b>			
MEDI312	Fundamentals of Neuroscience	6	Autumn
<b>Plus 18 credit points of subjects from the following list:</b>			

BIOL340	Cell and Molecular Biology	6	Autumn
CHEM358	Pharmacology	6	Autumn
MEDI322	Advanced Exercise Physiology and Metabolism	6	Autumn
MEDI361	Nutrients & Metabolism	6	Not available in 2020
MEDI350	Research Projects	12	Autumn, Spring
PHIL326	Bioethics	6	Autumn
<b>Or other subjects approved by the Course Coordinator.</b>			
<b>Spring</b>			
<b>Select 24 credit points of subjects from the following list:</b>			
BIOL341	Immunity and Infection	6	Spring
CHEM325	Bioinformatics:Genome, Genes and Biomolecules	6	Spring
MEDI314	Regional Anatomy	6	Spring
MEDI350	Research Projects	12	Autumn, Spring
MEDI323	Cardiorespiratory Studies	6	Spring
MEDI382	Nature and Nurture in Human Disease	6	Spring
<b>Or other subjects approved by the Course Coordinator.</b>			
<b>Year 4</b>			
MEDI400	Honours	48	Not available in 2020

Students may also wish to complete a minor using some of their elective subjects. Some currently approved minors are listed below. A full list is available on the [General Schedule of Minors](#). **Minors**

<b>Faculty of Science, Medicine and Health</b>	<b>Faculty of Law, Humanities and the Arts</b>	<b>Faculty of Business</b>	<b>Faculty of Social Sciences</b>	<b>Faculty of Engineering and Information Sciences</b>

Indigenous Health Studies	Ethics	Management	Work, Health and Safety	Energy and Climate
Geosciences	Science and Technology	Accountancy	Social Policy	Mathematics
Earth and Environmental Science	Creative Writing	Business Information Systems	Introduction to Public Health	Physics
Archaeology	Philosophy of Psychology	Business Law	Psychology	General Physics
Physical Geography	Digital and Social Media	Finance	Human Geography	Informatics
	Sociology	Human Resource Management	Social Marketing	
	Philosophy	Marketing	Criminology	
	Cultural Studies	Public Relations		
		Economics		

## Progression Requirements

Students must have a distinction average in each session of study as an enrolment requirement for course progression. Students who do not maintain a distinction average in each session will be required to transfer into the Bachelor of Medical and Health Sciences. In the final year of the course, [MEDI400](#) does not have graded assessment in Autumn session. The final Honours grade will be calculated in accordance with Method 1, for further information refer to General Course Rules Section 8.

## Other Information

For further information email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Medical and Radiation Physics | 2019

Testamur Title of Degree:	Bachelor of Medical and Radiation Physics
Abbreviation:	BMedRadPhys
UOW Course Code:	847
CRICOS Code:	052461G
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Engineering and Information Sciences
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 757616

## Overview

The Bachelor of Medical and Radiation Physics degree is designed to produce graduates with the specialist skills necessary to find employment in hospital radiation oncology and nuclear medicine departments, in academic institutions or industry.

Graduates understand radiation interactions, dosimetry, detectors and instrument design related to medical physics, health physics, nuclear physics, radiation safety, and accelerator and reactor physics. Computer programming related to cancer treatment planning, particle transport and medical imaging is also taught.

Professional medical physicists from major hospitals in the State will deliver key lectures and practical work as well as co-supervising thesis work.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Identify medical radiation related instrumentation and apply techniques associated with diagnostic imaging and radiation oncology.
2	Compare theoretical, practical and professional information and communicate knowledge, ideas and procedures to other health care professionals/practitioners, researchers and other key stakeholders.
3	Identify the biological effects of radiation and its application for radiation safety and for radiation treatment.
4	Apply knowledge of the basic structure and function of the human body relevant to clinical diagnostic imaging and radiation oncology.
5	Classify radiation and radioactivity, its properties, units of measure, dosimetry measurement concepts and methods.
6	Identify radiation safety practices and procedures associated with diagnostic imaging and radiation oncology.
7	Employ independent learning strategies to self-evaluate and update

	professional knowledge of innovations in medical radiation physics
8	Apply knowledge of fundamental physical laws to analyse behaviour and properties of a variety of physical systems.

## Course Structure

All students must complete the required number of credit points (144) and satisfy all course requirements for the degree, pursuant to course structure below. The Bachelor of Medical and Radiation Physics normally takes three years to complete if commenced in Autumn session. All students must take particular notice of the Course Rules regarding minimum rate of progress.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">MEDI100</a>	Human Structure and Function	6	Autumn
<a href="#">MATH187</a>	Mathematics 1: Algebra and Differential Calculus	6	Autumn
<a href="#">PHYS141</a>	Fundamentals of Physics A	6	Autumn
<a href="#">MEDI112</a>	Introduction to Anatomy and Physiology II	6	Spring
<a href="#">MATH188</a>	Mathematics 2: Series and Integral Calculus	6	Spring
<a href="#">PHYS142</a>	Fundamentals of Physics B	6	Spring
<a href="#">PHYS114</a>	Analysis and modelling of physical systems	6	Spring
<b>Plus ONE elective (6cp) chosen from the General Schedule.</b>			
<b>Year 2</b>			
<a href="#">MATH201</a>	Multivariate and Vector Calculus	6	Autumn
<a href="#">MATH202</a>	Differential Equations: Analysis and Applications	6	Autumn

<a href="#">PHYS205</a>	Advanced Modern Physics	6	Autumn
<a href="#">PHYS215</a>	Vibrations, Waves & Optics	6	Autumn
<a href="#">MATH203</a>	Linear Algebra and Groups	6	Spring
<a href="#">PHYS225</a>	Electromagnetism and Optoelectronics	6	Spring
<a href="#">PHYS235</a>	Mechanics & Thermodynamics	6	Spring
<a href="#">PHYS255</a>	Radiation Physics	6	Spring
<b>Year 3</b>			
<a href="#">PHYS305</a>	Quantum Mechanics	6	Autumn
<a href="#">PHYS325</a>	Electromagnetism	6	Autumn
<a href="#">PHYS365</a>	Detection of Radiation: Neutrons, Electrons and X Rays	6	Autumn
<a href="#">PHYS366</a>	Physics of Radiotherapy	6	Autumn
<a href="#">PHYS375</a>	Nuclear Physics	6	Spring
<a href="#">PHYS385</a>	Statistical Mechanics	6	Spring
<a href="#">PHYS396</a>	Electronic Materials	6	Spring
<b>Plus ONE elective (6cp) chosen from the General Schedule.</b>			

## Honours

Before completing the degree students with a WAM of 80 or more can apply for admission to the [Bachelor of Medical and Radiation Physics Advanced \(Honours\)](#). For further information, it is highly recommended that you speak with your program coordinator.

## Professional Recognition/Accreditation

The Bachelor of Medical and Radiation Physics degree conforms to the requirements for membership of the [Australian Institute of Physics](#) and the [Australasian College of Physical Scientists and Engineers in Medicine](#).

## Other Information



For further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or [Academic Programs Director](#)

Last reviewed: 12 December, 2018

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# 2019 Undergraduate Courses

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Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Medical and Radiation Physics Advanced (Honours) | 2019

Testamur Title of Degree:	Bachelor of Medical and Radiation Physics Advanced (Honours)
Abbreviation:	BMedRadPhysAdv(Hons)
UOW Course Code:	357
CRICOS Code:	085499J
Total Credit Points:	192
Duration:	4 years full-time or part-time equivalent
Home Faculty:	Faculty of Engineering and Information Sciences
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 757603

## Overview

The Bachelor of Medical and Radiation Physics Advanced (Honours) degree is designed to produce graduates with the specialist skills necessary to find employment in hospital radiation oncology and nuclear medicine departments, in academic institutions or industry. Graduates understand radiation interactions, dosimetry, detectors and instrument design related to medical physics, health physics, nuclear physics, radiation safety, and accelerator and reactor physics. Computer programming related to cancer treatment planning, particle transport and medical imaging is also taught.

The Honours year is entirely devoted to Medical Physics topics. It has a substantial 24-credit point research component which is carried out in collaboration with community, local, state or federal organisations. This research project is supported by three special subjects which deal with the major activities of a Medical Radiation Physicist: Medical Imaging; Nuclear Medicine; Radiobiology and Radiation Protection.

Professional medical physicists from major hospitals in the State will deliver key lectures and practical work as well as co-supervising thesis work. Students will find that they will move easily into employment and/or postgraduate work in this specialised area.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Compare medical radiation related instrumentation and apply techniques associated with diagnostic imaging and radiation oncology.
2	Analyse theoretical, practical and professional information and communicate knowledge, ideas and procedures to other health care professionals/practitioners, researchers and other key stakeholders.
3	Employ independent learning strategies to self-evaluate and update professional knowledge of innovations in medical radiation physics
4	Apply knowledge of the basic structure and function of the human body relevant to clinical diagnostic imaging and radiation oncology.

5	Appraise radiation and radioactivity, its properties, units of measure, dosimetry measurement concepts and methods.
6	Compare radiation safety practices and procedures associated with diagnostic imaging and radiation oncology.
7	Consolidate and synthesise knowledge of the biological effects of radiation and its application for radiation safety and for radiation treatment.
8	Perform the clinical support procedures required of a medical physicist in a professional and ethical manner.
9	Integrate knowledge of a variety of fundamental physical laws to analyse behaviour and properties of physical systems.
10	Exercise critical thinking, initiative and judgment in understanding complex concepts and constructing new understandings in contemporary physics.

## Course Structure

In order to complete the course in the minimum time of 4 years, students need to commence in Autumn session.

In their final year, each student must prepare a project or thesis on a research topic under the supervision of an academic staff member. The research project is 24 credit points. Other subjects are listed below.

Students must maintain a Weighted Average Mark of 80 to stay in the course. Students who do not maintain this will be transferred to the Bachelor of Medical and Radiation Physics.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
PHYS141	Fundamentals of Physics A	6	Autumn
MEDI100	Human Structure and Function	6	Autumn
MATH187	Mathematics 1: Algebra and Differential Calculus	6	Autumn
MEDI112	Introduction to Anatomy and Physiology II	6	Spring

MATH188	Mathematics 2: Series and Integral Calculus	6	Spring
PHYS142	Fundamentals of Physics B	6	Spring
<b>Plus TWO electives from the General Schedule (6cp each)</b>			
<b>Year 2</b>			
PHYS205	Advanced Modern Physics	6	Autumn
MATH201	Multivariate and Vector Calculus	6	Autumn
MATH202	Differential Equations: Analysis and Applications	6	Autumn
PHYS215	Vibrations, Waves & Optics	6	Autumn
MATH203	Linear Algebra and Groups	6	Spring
PHYS235	Mechanics & Thermodynamics	6	Spring
PHYS225	Electromagnetism and Optoelectronics	6	Spring
PHYS255	Radiation Physics	6	Spring
<b>Year 3</b>			
PHYS305	Quantum Mechanics	6	Autumn
PHYS325	Electromagnetism	6	Autumn
PHYS365	Detection of Radiation: Neutrons, Electrons and X Rays	6	Autumn
PHYS366	Physics of Radiotherapy	6	Autumn
PHYS375	Nuclear Physics	6	Spring
PHYS385	Statistical Mechanics	6	Spring
PHYS396	Electronic Materials	6	Spring

<b>Plus ONE elective from the General Schedule (6cp)</b>			
<b>Year 4</b>			
<a href="#">PHYS466</a>	Research Methods	6	Annual, Autumn
<a href="#">PHYS462</a>	Medical Imaging	6	Autumn
<a href="#">PHYS463</a>	Nuclear Medicine	6	Spring
<a href="#">PHYS461</a>	Radiobiology and Radiation Protection	6	Spring
<a href="#">PHYS457</a>	Research Project	24	Annual, Spring 2019/Autumn 2020

## Professional Recognition/Accreditation

The Bachelor of Medical and Radiation Physics Advanced Honours degree conforms to the requirements for membership of the [Australian Institute of Physics](#) and the [Australasian College of Physical Scientists and Engineers in Medicine](#).

## Other Information

For further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or [Academic Program Director](#)

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Medical Biotechnology (Honours) | 2019

Testamur Title of Degree:	Bachelor of Medical Biotechnology (Honours)
Abbreviation:	BMedBiotech(Hons)
UOW Course Code:	1781
CRICOS Code:	084862C
Total Credit Points:	192
Duration:	4 years full-time or part-time equivalent
Home Faculty:	Faculty of Science, Medicine and Health
Intake Session(s):	Autumn
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 757611



## Overview

Through technologies such as genetic engineering, biotechnology is shaping diverse aspects of medicine (treating cancer, vaccines, therapy and diagnosis of genetic diseases) and industry (bioremediation).

UOW's Bachelor of Medical Biotechnology (Honours) provides you with the tools and knowledge to work in both of these areas.

You will complete a major in cellular and molecular biology, including genetics, immunology and bioinformatics. You will also complete a major strand of chemistry and an optional strand in human anatomy and physiology. The nature of subjects like genetic engineering means you will also complete studies in ethics and management.

If you do not qualify for direct entry to the degree you can gain admission via the Bachelor of Science, subject to satisfactory performance in first year and approval of the Course Co-ordinator and the Head of Students.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Describe and appraise broad knowledge of the principles and concepts of cell and molecular biology associated with medical science.
2	Demonstrate skills in reviewing, analysing, interpreting and synthesising data, methodologies and other information to independently generate solutions to complex problems.
3	Exercise critical thinking and judgement in integrating new understanding into one or more disciplinary areas..
4	Communicate knowledge, ideas and independent research findings clearly and coherently through a range of mediums to a professional audience.
5	Demonstrate initiative and judgement to adapt knowledge and skills associated with medical, cell or molecular biology that can be applied in

	a professional context.
6	Independently plan and execute a research project associated with medical, cell or molecular biology
7	Appreciate the role, relevance and ethical implications of science in society and demonstrate understanding of the requirements of professional responsibility and ethical conduct.

## Course Structure

To qualify for award of the degree, the Bachelor of Medical Biotechnology (Honours), a candidate must successfully complete at least 192 credit points, as outlined in the table below.

### Please note:

- Students who have not completed HSC Mathematics at Band 4 or higher (or equivalent) are required to complete a mathematics subject (MATH151 or equivalent) normally in the first year.
- Students may only count 60 credit points of 100-level subjects towards the degree.
- Students must have a grade of Pass (not Pass Supplementary) or higher in 300-level core subjects.
- This is a prescribed program of study comprising core and optional subjects as set out below.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn</b>			
BIOL105	Functional Biology of Animals and Plants	6	Autumn
MATH151	General Mathematics 1A	6	Autumn, Summer 2019/2020
<b>Select ONE of the following two subjects:</b>			
<b>Note: Students who have achieved a mark of 65% or more in NSW HSC Chemistry or equivalent must select <b>CHEM101</b> and</b>			

**CHEM102. All other students must select CHEM104 and CHEM105.**

CHEM101	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
CHEM104	Foundation Chemistry: Properties of Matter	6	Autumn

**Spring**

BIOL103	Molecules, Cells and Organisms	6	Spring
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**Select ONE of the following two subjects:**

CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
CHEM105	Foundation Chemistry: Reactions and Structures	6	Spring

**Note: Students who have completed CHEM104 and CHEM105 and wish to enrol in CHEM212 must also complete CHEM106.**

CHEM106	Foundation Chemistry: Properties and Reactivity of Matter	6	Summer 2019/2020
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**Plus other elective subjects to give a total 48 credit points for Year 1 of which, 6 credit points should be one of the following subjects:**

BIOL104	Evolution, Biodiversity and Environment	6	Autumn
MEDI100	Human Structure and Function	6	Autumn
PHYS155	Introduction to Biomedical Physics	6	Spring
MEDI112	Introduction to Anatomy and Physiology II	6	Spring

STS 112	The Scientific Revolution	6	Autumn
<b>*STS 112 is compulsory for those students taking an approved course of study which does not include SOC 251 (in Year 2).</b>			
<b>Year 2</b>			
<b>Autumn</b>			
BIOL213	Principles of Biochemistry	6	Autumn
<b>Spring</b>			
BIOL214	The Biochemistry of Energy and Metabolism	6	Spring
BIOL215	Introductory Genetics	6	Spring
CHEM214	Analytical and Environmental Chemistry	6	Spring
STAT252	Statistics For the Natural Sciences	6	Spring
<b>Plus, 18 credit points of subjects from the following list:</b>			
BIOL240	Biodiversity of Marine and Freshwater Organisms	6	Autumn
CHEM212	Organic Chemistry II	6	Autumn
MGNT208	Introduction to Management for Professionals A	6	Autumn
MEDI211	Control Mechanisms Physiology	6	Autumn
SOC 251	Genetics, Biotechnology and Society	6	Autumn
BIOL241	Biodiversity of Terrestrial Organisms	6	Spring
<b>**SOC 251 is compulsory for students who have not taken STS 112 in Year 1.</b>			
<b>Year 3</b>			

<b>Autumn</b>			
BIOL343	Techniques in Biotechnology and Medical Research	6	Autumn
BIOL340	Cell and Molecular Biology	6	Autumn
<b>Plus, two subjects from the following list:</b>			
BIOL362	Ecophysiology	6	Autumn
BIOL364	Advanced Biology	6	Autumn, Spring, Summer 2019/2020
CHEM358	Pharmacology	6	Autumn
MEDI312	Fundamentals of Neuroscience	6	Autumn
PHIL326	Bioethics	6	Autumn
<b>***Subject to approval from the Subject Coordinator</b>			
<b>Or other subjects approved by the Coordinator.</b>			
<b>Spring</b>			
BIOL341	Immunity and Infection	6	Spring
CHEM325	Bioinformatics:Genome, Genes and Biomolecules	6	Spring
<b>Plus, two subjects from the following list:</b>			
BIOL342	Biomedical Research:Skills and Techniques	6	Spring
BIOL364	Advanced Biology	6	Autumn, Spring, Summer 2019/2020

<a href="#">CHEM360</a>	Organic Synthesis III	6	Spring
<a href="#">MEDI323</a>	Cardiorespiratory Studies	6	Spring
<a href="#">ECON318</a>	Economics of Health and Human Resources	6	Spring
<a href="#">SOC 347</a>	Sociology of Health, Illness and Medicine	6	Autumn
<a href="#">HAS 350</a>	Social Determinants of Indigenous Health	6	Spring
<b>Or other subjects approved by the Coordinator.</b>			
<b>Year 4</b>			
<b>Select either the full-time (48cp) or 48cp of the equivalent part-time subject (2 x 24cp) option below.</b>			
<a href="#">BIOL420</a>	Biotechnology Honours	48	SMAH Annual, SMAH Annual 2019/2020
<a href="#">BIOL418</a>	Biotechnology Honours (Part-Time)	24	SMAH Annual, SMAH Annual 2019/2020

### Progression Requirements

Satisfactory performance must be achieved (normally a Weighted Average Mark (WAM) of 75% or greater in 300-level Biological Sciences, Chemistry and Health Sciences subjects) for entry into the fourth year of the Bachelor of Medical Biotechnology (Honours) degree. Students with a WAM below 75% in 300-level subjects may only progress into the fourth year of the Bachelor of Medical Biotechnology (Honours) with the approval of the Medical Biotechnology Coordinator. Students who do not gain entry into the fourth year of the Bachelor of Medical Biotechnology (Honours) degree will normally be required to transfer into the Bachelor of Science (Medical Biotechnology) degree.

## Honours

The Honours grade for the degree of Bachelor of Medical Biotechnology (Honours) will be calculated in accordance with Method 1 defined in the [General Course Rules Section 8](#).

# Professional Recognition/Accreditation

Graduates qualify to apply for membership of the Australian Institute of Biology, the Australian Society of Microbiology and the Australian Biotechnology Society.

## Other Information

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Medical Biotechnology (Honours) (Dean's Scholar) | 2019

Testamur Title of Degree:	Bachelor of Medical Biotechnology (Honours) (Dean's Scholar)
Abbreviation:	BMedBiotech(Hons)(Dean'sSchol)
UOW Course Code:	1780
CRICOS Code:	084843F
Total Credit Points:	192
Duration:	4 years full-time or part-time equivalent
Home Faculty:	Faculty of Science, Medicine and Health
Intake Session(s):	Autumn
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 757617



## Overview

Through technologies such as genetic engineering, biotechnology is shaping diverse aspects of medicine (treating cancer, vaccines, therapy and diagnosis of genetic diseases) and industry (bioremediation).

UOW's Bachelor of Medical Biotechnology (Honours) (Dean's Scholar) provides you with the tools and knowledge to work in both of these areas.

You will complete a major in cellular and molecular biology, including genetics, immunology and bioinformatics. You will also complete a major strand of chemistry and an optional strand in human anatomy and physiology. The nature of subjects like genetic engineering means you will also complete studies in ethics and management.

Students who are eligible for this degree fulfil all the same requirements as Bachelor of Medical Biotechnology (Honours) candidates, but are also eligible for additional benefits and challenges.

All students are invited to participate in various enrichment activities throughout the program and, after the first year, to develop a close association with an appropriate member of one of the faculty's research teams.

If you do not qualify for direct entry to the degree you can gain admission via the Bachelor of Science, subject to satisfactory performance in first year and approval of the Course Co-ordinator and the Head of Students.

## Entry Requirements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Students graduating from the Bachelor of Medical Biotechnology (Honours) (Dean's Scholar) will be able to:

1. Describe and appraise broad knowledge of the principles and concepts of cell and molecular biology associated with medical science.
2. Consolidate and synthesise advanced knowledge associated with one or more discipline areas in medical, cell or molecular biology.
3. Critique and evaluate advances in the broader discipline of biological sciences.
4. Demonstrate skills in reviewing, analysing, interpreting and synthesising data, methodologies and other information to independently generate solutions to complex problems.
5. Exercise critical thinking and judgement in integrating new understanding into one or more disciplinary areas.

6. Communicate knowledge, ideas and independent research findings clearly and coherently through a range of mediums to a professional audience.
7. Demonstrate initiative and judgement to adapt knowledge and skills associated with medical, cell or molecular biology that can be applied in a professional context.
8. Independently plan and execute a research project associated with medical, cell or molecular biology.
9. Appreciate the role, relevance and ethical implications of science in society and demonstrate understanding of the requirements of professional responsibility and ethical conduct.

## Course Structure

To qualify for award of the degree, the Bachelor of Medical Biotechnology (Honours) (Dean's Scholar), a candidate must successfully complete at least 192 credit points, as outlined in the table below.

### Please note:

- Students who have not completed HSC Mathematics at Band 4 or higher (or equivalent) are required to complete a mathematics subject (MATH151 or equivalent) normally in the first year.
- Students may only count 60 credit points of 100-level subjects towards the degree.
- Students must have a grade of Pass (not Pass Supplementary) or higher in 300-level core subjects.

### Progression Requirements

To maintain a place in the Dean's Scholar program, students are normally required to achieve a Weighted Average Mark (WAM) of at least 75% in the 200 and 300 level subjects completed. The performance of each student will be reviewed initially by the Faculty after the completion of 72 credit points. Students not meeting the minimum progression requirements will be required to transfer into the Bachelor of Medical Biotechnology (Honours) or Bachelor of Science degree. Enrolment in [BIOL292](#) (Special Biology Studies) requires students to have a WAM of at least 75% in the 100 and 200 level subjects completed.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn</b>			
<a href="#">BIOL105</a>	Functional Biology of Animals and Plants	6	Autumn

<a href="#">MATH151</a>	General Mathematics 1A	6	Autumn
Select ONE of the following two subjects:			
Note: Students who have achieved a mark of 65% or more in NSW HSC Chemistry or equivalent must select <a href="#">CHEM101</a> and CHEM102. All other students must select <a href="#">CHEM104</a> and CHEM105.			
<a href="#">CHEM101</a>	Chemistry 1A: Introductory Physical and General Chemistry	6	Autumn
<a href="#">CHEM104</a>	Foundation Chemistry: Properties of Matter	6	Autumn
<b>Spring</b>			
<a href="#">BIOL103</a>	Molecules, Cells and Organisms	6	Spring
Select ONE of the following two subjects:			
<a href="#">CHEM102</a>	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
<a href="#">CHEM105</a>	Foundation Chemistry: Reactions and Structures	6	Spring
Note: Students who have completed <a href="#">CHEM104</a> and <a href="#">CHEM105</a> and wish to enrol in <a href="#">CHEM212</a> must also complete CHEM106.			
<a href="#">CHEM106</a>	Foundation Chemistry: Properties and Reactivity of Matter	6	Summer
Plus other elective subjects to give a total credit point value of 48 credit points for Year 1 of which, 6 credit points should be one of the following subjects:			
<a href="#">BIOL104</a>	Evolution, Biodiversity and Environment	6	Autumn
<a href="#">MEDI100</a>	Human Structure and Function	6	Autumn
<a href="#">PHYS155</a>	Introduction to	6	Spring

	Biomedical Physics		
<a href="#">MEDI112</a>	Introduction to Anatomy and Physiology II	6	Spring
<a href="#">STS 112</a>	The Scientific Revolution*	6	Autumn
* <a href="#">STS 112</a> is compulsory for those students taking an approved course of study, which does not include <a href="#">SOC 251</a> (in Year 2).			
<b>Year 2</b>			
<b>Autumn</b>			
<a href="#">BIOL213</a>	Principles of Biochemistry	6	Autumn
<b>Spring</b>			
<a href="#">BIOL214</a>	The Biochemistry of Energy and Metabolism	6	Spring
<a href="#">BIOL215</a>	Introductory Genetics	6	Spring
<a href="#">CHEM214</a>	Analytical and Environmental Chemistry	6	Spring
<a href="#">STAT252</a>	Statistics For the Natural Sciences	6	Spring
Plus, 18 credit points of subjects from the following list:			
<a href="#">BIOL292</a>	Special Biology Studies	6	Autumn, Spring
<a href="#">BIOL240</a>	Biodiversity of Marine and Freshwater Organisms	6	Autumn
<a href="#">CHEM212</a>	Organic Chemistry II	6	Autumn
<a href="#">MGNT208</a>	Introduction to Management for Professionals A	6	Autumn
<a href="#">MEDI211</a>	Control Mechanisms Physiology	6	Autumn
<a href="#">SOC 251</a>	Social Aspects of Genetics and Biotechnology**	6	Autumn

<a href="#">BIOL241</a>	Biodiversity of Terrestrial Organisms	6	Spring
**SOC 251 is compulsory for students who have not taken <a href="#">STS 112</a> in Year 1.			
<b>Year 3</b>			
<b>Autumn</b>			
<a href="#">BIOL343</a>	Techniques in Biotechnology and Medical Research	6	Autumn
<a href="#">BIOL340</a>	Cell and Molecular Biology	6	Autumn
Plus, two subjects from the following list:			
<a href="#">BIOL362</a>	Ecophysiology	6	Autumn
<a href="#">BIOL364</a>	Advanced Biology	6	Autumn, Spring, Summer
<a href="#">CHEM358</a>	Pharmacology	6	Autumn
<a href="#">MEDI312</a>	Fundamentals of Neuroscience***	6	Autumn
<a href="#">PHIL326</a>	Bioethics	6	Autumn
***Subject to approval from the Subject Coordinator.			
Or other subjects approved by the Coordinator.			
<b>Spring</b>			
<a href="#">BIOL341</a>	Immunity and Infection	6	Spring
<a href="#">CHEM325</a>	Bioinformatics:Genome, Genes and Biomolecules	6	Spring
Plus, two subjects from the following list:			
<a href="#">BIOL342</a>	Biomedical Research:Skills and Techniques	6	Spring

BIOL364	Advanced Biology	6	Autumn, Spring, Summer
CHEM360	Organic Synthesis III	6	Spring
MEDI323	Cardiorespiratory Studies	6	Spring
ECON318	Economics of Health and Human Resources	6	Spring
SOC 347	Sociology of Health, Illness and Medicine	6	Spring
HAS 350	Social Determinants of Indigenous Health	6	Spring
Or other subjects approved by the Coordinator.			
<b>Year 4</b>			
Select either the full-time (48cp) or 48cp of the equivalent part-time subject (2 x 24cp) option below.			
BIOL420	Biotechnology Honours	48	SMAH Annual, SMAH Annual 2019/2020
BIOL418	Biotechnology Honours (Part-Time)	24	SMAH Annual, SMAH Annual 2019/2020

## Honours

The Honours grade for the degree of Bachelor of Medical Biotechnology (Honours) (Dean's Scholar) will be calculated in accordance with Method 1 defined in the [General Course Rules Section 8](#).

## Professional Recognition/Accreditation

Graduates qualify to apply for membership of the Australian Institute of Biology, the Australian Society of Microbiology and the Australian Biotechnology Society.

## Other Information

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

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# 2019 Undergraduate Courses

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Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Medical Mathematics | 2019

Testamur Title of Degree:	Bachelor of Medical Mathematics
Abbreviation:	BMedMath
UOW Course Code:	1850
CRICOS Code:	072790B
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Engineering and Information Sciences
Intake Session(s):	Autumn Spring (suspended for 2019 intakes)
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 756530



## Overview

It is widely recognised that mathematical and statistical modelling and analysis are the key to future breakthroughs in areas including the understanding of biological systems, the treatment of diseases, drug development, and targeted clinical trials. This is because mathematics and statistics enable us to design meaningful yet streamlined experiments; find structure in data; and construct models that help to predict, and therefore control, future outcomes.

The Bachelor of Medical Mathematics provides the tools and develops the skills required for advanced modelling and analysis in the medical and health sciences sector. Students gain the skills needed to pursue careers in mathematics, statistics, medical research and industry, in areas such as genetics, epidemiology, medical imaging, drug delivery, neurophysiology and pharmacokinetics.

The program includes a combination of mathematics, statistics, chemistry, biosciences, population health, medical imaging, physiology and psychology.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes (CLOs) are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to:

CLO	Description
1	Demonstrate a coherent core understanding of the fundamentals of both the mathematical and statistical disciplines.
2	Exhibit depth and breadth of knowledge in the discipline areas of mathematics and statistics.
3	Integrate knowledge derived from the medical, biological, physical and behavioural sciences.
4	Investigate, solve and critically interpret practical and/or abstract problems using mathematical and/or statistical methods, including appropriate software tools.
5	Appropriately communicate mathematical and/or statistical reasoning

	and conclusions to different audiences, using various delivery modes.
6	Apply professional, social and ethical approaches in learning to extend existing knowledge and to work effectively and responsibly as an individual or a team member.

## Course Structure

Students who enrol in the Bachelor of Medical Mathematics shall satisfactorily complete at least 144 credit points of prescribed subjects as listed in the table below:

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn</b>			
Students must choose ONE of the following two subjects:			
CHEM101	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
CHEM104	Foundation Chemistry: Properties of Matter	6	Autumn
Note: Students who have achieved a mark of 65% or more in NSW HSC Chemistry (or equivalent) must select CHEM101. All other students must enrol in CHEM104.			
MATH100	Introduction to Mathematics	6	Autumn
MATH187	Mathematics 1: Algebra and Differential Calculus	6	Autumn
MEDI100	Human Structure and Function	6	Autumn
<b>Spring</b>			
Students must choose ONE of the following two subjects:			
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring

CHEM105	Foundation Chemistry: Reactions and Structures	6	Spring
Note: Students who have achieved a mark of 65% or more in NSW HSC Chemistry (or equivalent) must select CHEM102. All other students must enrol in CHEM105.			
BIOL103	Molecules, Cells and Organisms	6	Spring
MATH188	Mathematics 2: Series and Integral Calculus	6	Spring
STAT101	Introduction to Statistics	6	Spring
<b>Year 2</b>			
<b>Autumn</b>			
MATH201	Multivariate and Vector Calculus	6	Autumn
MATH202	Differential Equations: Analysis and Applications	6	Autumn
BIOL213	Principles of Biochemistry	6	Autumn
STAT201	Random Variables and Estimation	6	Autumn
<b>Spring</b>			
MATH203	Linear Algebra and Groups	6	Spring
MATH205	Numerical Methods	6	Spring
BIOL215	Introductory Genetics	6	Spring
STAT202	Statistical Inference and Introduction to Model Building	6	Spring
<b>Year 3</b>			
<b>Autumn</b>			
MATH329	Medical Mathematics	6	Autumn

<a href="#">STAT332</a>	Linear and Generalised Linear Models	6	Spring
<a href="#">STAT335</a>	Sample Surveys and Experimental Design	6	Autumn
<a href="#">PSYC101</a>	Introduction to Behavioural Science	6	Autumn, Summer 2019/2020
<b>Spring</b>			
<a href="#">MATH319</a>	Advanced Numerical Methods	6	Not available in 2019
<a href="#">STAT301</a>	Statistical Methods for Data Science	6	Not available in 2019
<a href="#">PHYS155</a>	Introduction to Biomedical Physics	6	Spring
<a href="#">MATH399</a>	Mathematics Capstone	6	Not available in 2019

## Honours

A fourth year of study, Honours, is available to students who have achieved a Credit average or better in the Bachelor of Medical Mathematics. It is a more challenging program that includes a research project. Students who wish to enter the Honours program should obtain the approval of the Honours Coordinator at the end of their third year.

## Other Information

For further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or the [Academic Program Director](#)

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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Medical Mathematics (Dean's Scholar) | 2019

Testamur Title of Degree:	Bachelor of Medical Mathematics (Dean's Scholar)
Abbreviation:	BMedMath(Dean'sSchol)
UOW Course Code:	1855
CRICOS Code:	076241K
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Engineering and Information Sciences
Intake Session(s):	Autumn
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 756535

## Overview

It is widely recognised that mathematical and statistical modelling and analysis are the key to future breakthroughs in areas including the understanding of biological systems, the treatment of diseases, drug development, and targeted clinical trials. This is because mathematics and statistics enable us to design meaningful yet streamlined experiments; find structure in data; and construct models that help to predict, and therefore control, future outcomes.

The Bachelor of Medical Mathematics (Dean's Scholar) provides the tools and develops the skills required for advanced modelling and analysis in the medical and health sector. Students gain the skills needed to pursue careers in mathematics, statistics, medical research and industry, in areas such as genetics, epidemiology, medical imaging, drug delivery, neurophysiology, and pharmacokinetics.

Dean's Scholars degrees are highly recognisable, giving students the edge in competitive employment. The degree offers a challenging and enriched educational experience for high-achieving students who want to perform above the level normally expected. Students are also encouraged to continue their studies through the completion of Honours and research programs.

Students in this course receive special privileges as they study such as accelerated learning, where appropriate, and academic mentoring. Dean's Scholars are also encouraged to contribute to the scholarly life of the Faculty through events in the Faculty's postgraduate program.

Places are limited each year. Current students who have achieved a weighted average mark (WAM) of 80 at the end of one year of full-time study in a relevant degree may apply to transfer to the Dean's Scholar degree.

Continuation in the Bachelor of Medical Mathematics (Dean's Scholar) degrees will normally be dependent on the student achieving a WAM of at least 80 in each year of study. Students who do not meet the required average will be transferred to the [Bachelor of Medical Mathematics](#) degree.

Please note that the Dean's Scholar Program is not offered for double degrees and is not a scholarship.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes (CLOs) are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to:

CLO	Description
1	Demonstrate a coherent core understanding of the fundamentals of both the mathematical and statistical disciplines.
2	Exhibit depth and breadth of knowledge in the discipline areas of mathematics and statistics.
3	Integrate knowledge derived from the medical, biological, physical and behavioural sciences.
4	Investigate, solve and critically interpret practical and/or abstract problems using mathematical and/or statistical methods, including appropriate software tools.
5	Appropriately communicate mathematical and/or statistical reasoning and conclusions to different audiences, using various delivery modes.
6	Apply professional, social and ethical approaches in learning to extend existing knowledge and to work effectively and responsibly as an individual or a team member.
7	Plan and compose a research-based project or piece of scholarship that demonstrates understanding and critical analysis in medical mathematics.

## Course Structure

Students who enrol in Bachelor of Medical Mathematics (Dean's Scholar) shall satisfactorily complete 144 credit points of prescribed subjects as listed in the table below:

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn</b>			
Students must choose ONE of the following two subjects:			
CHEM101	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn



<a href="#">CHEM104</a>	Foundation Chemistry: Properties of Matter	6	Autumn
Note: Students who have achieved a mark of 65% or more in NSW HSC Chemistry (or equivalent) must select CHEM101. All other students must enrol in CHEM104.			
<a href="#">MATH100</a>	Introduction to Mathematics	6	Autumn
<a href="#">MATH187</a>	Mathematics 1: Algebra and Differential Calculus	6	Autumn
<a href="#">MEDI100</a>	Human Structure and Function	6	Autumn
<b>Spring</b>			
Students must choose ONE of the following two subjects:			
<a href="#">CHEM102</a>	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
<a href="#">CHEM105</a>	Foundation Chemistry: Reactions and Structures	6	Spring
Note: Students who have achieved a mark of 65% or more in NSW HSC Chemistry (or equivalent) must select CHEM102. All other students must enrol in CHEM105.			
<a href="#">BIOL103</a>	Molecules, Cells and Organisms	6	Spring
<a href="#">MATH188</a>	Mathematics 2: Series and Integral Calculus	6	Spring
<a href="#">STAT101</a>	Introduction to Statistics	6	Spring
<b>Year 2</b>			
<b>Autumn</b>			
<a href="#">MATH201</a>	Multivariate and Vector Calculus	6	Autumn
<a href="#">MATH202</a>	Differential Equations: Analysis and Applications	6	Autumn

<a href="#">BIOL213</a>	Principles of Biochemistry	6	Autumn
<a href="#">STAT201</a>	Random Variables and Estimation	6	Autumn
<b>Spring</b>			
<a href="#">MATH203</a>	Linear Algebra and Groups	6	Spring
<a href="#">MATH205</a>	Numerical Methods	6	Spring
<a href="#">BIOL215</a>	Introductory Genetics	6	Spring
<a href="#">STAT202</a>	Statistical Inference and Introduction to Model Building	6	Spring
<b>Year 3</b>			
<b>Autumn</b>			
<a href="#">MATH329</a>	Medical Mathematics	6	Autumn
<a href="#">STAT332</a>	Linear and Generalised Linear Models	6	Spring
<a href="#">STAT335</a>	Sample Surveys and Experimental Design	6	Autumn
<a href="#">PSYC101</a>	Introduction to Behavioural Science	6	Autumn, Summer 2019/2020
<b>Spring</b>			
<a href="#">MATH319</a>	Advanced Numerical Methods	6	Not available in 2019
<a href="#">STAT301</a>	Statistical Methods for Data Science	6	Not available in 2019
<a href="#">PHYS155</a>	Introduction to Biomedical Physics	6	Spring
Students must choose ONE of the following two subjects:			
<a href="#">MATH345</a>	Mathematics Project B	6	Autumn, Spring

STAT345	Statistics Project B	6	Autumn, Spring
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## Accelerated Program

Bachelor of Medical Mathematics (Dean's Scholar) students who also meet the entry requirements for the Bachelor of Mathematics Advanced, which currently specify an ATAR of 95 and a high performance in Mathematics Extension 2, will be considered for an accelerated form of the above program. This involves permission to replace [MATH187](#) and [MATH188](#) by [MATH110](#) Advanced Mathematics. Details should be discussed with the Academic Program Director.

## Honours

A fourth year of study, Honours, is available to students who have achieved a Credit average or better in the Bachelor of Medical Mathematics (Dean's Scholar). It is a more challenging program that includes a research project. Students who wish to enter the Honours program should obtain the approval of the Honours Coordinator at the end of their third year.

## Other Information

For further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or the [Academic Program Director](#)

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Medical Mathematics (Honours) | 2019

Testamur Title of Degree:	Bachelor of Medical Mathematics (Honours)
Abbreviation:	BMedMath(Hons)
UOW Course Code:	1851
CRICOS Code:	072791A
Total Credit Points:	48
Duration:	1 year full-time or part-time equivalent
Home Faculty:	Faculty of Engineering and Information Sciences
Intake Session(s):	Autumn Spring (suspended for 2019 intakes)
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus:	Wollongong

## Overview

The Bachelor of Medical Mathematics (Honours) deepens and extends study in the Bachelor of Medical Mathematics, which provides the tools and develops the skills required for advanced modelling and analysis in the medical and health sciences sector.

A Bachelor of Medical Mathematics (Honours) degree considerably widens career opportunities and serves as an initial preparation for employment as a professional medical mathematician/statistician. It also satisfies the entry requirement for higher research studies such as a Master of Philosophy or a Doctor of Philosophy (PhD) degree.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes (CLOs) are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to:

CLO	Description
1	Demonstrate advanced theoretical and technical knowledge in mathematics or statistics.
2	Demonstrate well-developed cognitive and technical skills in mathematics or statistics to select and apply mathematical or statistical methods to analyse and generate solutions to complex, medically related problems.
3	Transmit mathematical or statistical knowledge, skills and ideas to others.
4	Apply knowledge and skills ethically to demonstrate autonomy and well-developed judgement as a medical mathematician or statistician.

## Course Structure

A candidate will complete a thesis (worth 25% of overall degree) in an area of interest under the close supervision of one or more members of staff in the discipline. The other 75% of the degree consists of coursework subjects chosen from those offered by the School of Mathematics and Applied Statistics (SMAS) or the Australian Mathematical Sciences Institute (AMSI),

with the approval of the BMedMath Honours Coordinator.

The overall grade of Honours is determined by Method 1 (as described in the [General Course Rules](#)).

The [Honours Guide](#) provides detailed information for SMAS students. Students should also refer to the [University Code of Practice - Honours](#).

Students must complete one of the following two programs of study.

### Program A: Honours in Mathematics

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">MATH493</a>	Medical Mathematics Honours Thesis	12	Annual, Spring 2019/Autumn 2020
<a href="#">MATH451</a>	Advanced Topics in Mathematics A	12	Autumn
<a href="#">MATH452</a>	Advanced Topics in Mathematics B	12	Spring
One 300- or 400-level Science subject*		6	Autumn, Spring
One 300- or 400-level MATH/STAT/INFO subject*		6	Autumn, Spring

### Program B: Honours in Applied Statistics

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">STAT493</a>	Medical Statistics Honours Thesis	12	Annual, Spring 2019/Autumn 2020
<a href="#">STAT451</a>	Advanced Topics in Statistics A	12	Autumn
<a href="#">STAT452</a>	Advanced Topics in Statistics B	12	Spring
One 300- or 400-level Science subject*		6	Autumn, Spring

One 300- or 400-level  
MATH/STAT/INFO subject\*

6

Autumn, Spring

## Other Information

For further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or the [Academic Program Director](#)

Last reviewed: 30 May, 2019

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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Medicinal Chemistry (Honours) | 2019

Testamur Title of Degree:	Bachelor of Medicinal Chemistry (Honours)
Abbreviation:	BMedChem(Hons)
UOW Course Code:	1773
CRICOS Code:	084858K
Total Credit Points:	192
Duration:	4 years full-time or part-time equivalent
Home Faculty:	Faculty of Science, Medicine and Health
Intake Session(s):	Autumn
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 757613

## Overview

Medicinal Chemistry covers all elements of the development of new medicines for human use, including the isolation of new medicinal agents from natural sources, the design and synthesis of new drugs, and understanding the cause of diseases at the molecular level.

Medicinal chemists design and synthesise new medicinal and pharmacological agents; develop new dosage forms; monitor guidelines for testing drugs and undertake analyses; assist with drug regulatory affairs; assess patent applications for new drugs; and teach in tertiary institutions.

The degree provides excellent training in the modern techniques of chemical science applied to medicine. This includes specialised courses in drug discovery and design, using both rational, computer-aided and bioprospecting approaches. As well as fundamental training in the chemical sciences, you will also study the concepts needed to understand the effects of the disease state on the human body and the role of drugs. Topics of study include chemistry, physiology, pharmacology and cell biology.

If you do not qualify for direct entry to the degree you may gain admission via the Bachelor of Science, subject to satisfactory performance in at least one year of the degree and approval of the Course Co-ordinator and the Head of Students.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Demonstrate extensive and coherent knowledge of the principles and concepts associated with chemistry.
2	Demonstrate extensive and coherent knowledge of the principles and concepts associated with the design and synthesis of medicinal agents, their mode of action and their biological interactions.
3	Demonstrate technical and cognitive skills associated with chemistry,

	including medicinal chemistry, by locating, analysing and synthesising information to generate solutions to complex questions and problems.
4	Exercise critical analysis of observations and data from primary and secondary sources.
5	Integrate and apply knowledge and skills associated with medicinal chemistry to plan and execute a substantial research project.
6	Communicate knowledge and ideas clearly and coherently to others through a variety of media.

## Course Structure

To qualify for award of the degree, the Bachelor of Medicinal Chemistry (Honours), a candidate must successfully complete at least 192 credit points, as set out below.

### Please note:

- Students who have not completed HSC Mathematics at Band 4 or higher (or equivalent) are required to complete a mathematics subject (MATH151 or equivalent) normally in the first year.
- Students may only count 60 credit points of 100-level subjects towards the degree.
- Students must have a grade of Pass (not Pass Supplementary) or higher in 300-level core subjects.
- This is a prescribed program of study comprising core and optional subjects as set out below.

### Progression Requirements

Satisfactory performance must be achieved (normally a Weighted Average Mark (WAM) of 70% or greater in 300-level subjects) for entry into the fourth year of the Bachelor of Medicinal Chemistry (Honours) degree. Students with a WAM below 70% in 300-level subjects may only progress into the fourth year of the Bachelor of Medicinal Chemistry (Honours) with the approval of the Medicinal Chemistry Coordinator. Students who do not gain entry into the fourth year of the Bachelor of Medicinal Chemistry (Honours) degree will normally be required to transfer into the Bachelor of Science (Medicinal Chemistry) degree.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn</b>			
MEDI100	Human Structure and Function	6	Autumn

**Select ONE of the following two subjects:**

**Note: Students who have achieved a mark of 65% or more in NSW HSC Chemistry or equivalent must select [CHEM101](#) and [CHEM102](#). All other students must select [CHEM104](#) and [CHEM105](#).**

<a href="#">CHEM101</a>	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
<a href="#">CHEM104</a>	Foundation Chemistry: Properties of Matter	6	Autumn

**Plus, 12 credit points of subjects from the following list:**

<a href="#">BIOL104</a>	Evolution, Biodiversity and Environment	6	Autumn
<a href="#">BIOL105</a>	Functional Biology of Animals and Plants	6	Autumn
<a href="#">MEDI150</a>	Fundamental Concepts in Food and Nutrition	6	Autumn
<a href="#">PHYS141</a>	Fundamentals of Physics A	6	Autumn
<a href="#">MATH141</a>	Foundations of Engineering Mathematics	6	Autumn, Spring

**or**

<a href="#">MATH151</a>	General Mathematics 1A	6	Autumn
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**or**

<a href="#">MATH187</a>	Mathematics 1: Algebra and Differential Calculus	6	Autumn
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**\* The Mathematics subject to study is dependent on the level of Mathematics already achieved by the student (HSC or equivalent). Students may complete only one of these MATH subjects.**

**Spring**

<a href="#">BIOL103</a>	Molecules, Cells and Organisms	6	Spring
<a href="#">MEDI112</a>	Introduction to Anatomy and Physiology II	6	Spring
<a href="#">STAT252</a>	Statistics For the Natural Sciences	6	Spring
<b>Select ONE of the following two subjects:</b>			
<a href="#">CHEM102</a>	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
<a href="#">CHEM105</a>	Foundation Chemistry: Reactions and Structures	6	Spring
<b>Summer</b>			
<a href="#">CHEM106</a>	Foundation Chemistry: Properties and Reactivity of Matter	6	Summer 2019/2020
<b>Note: Students completing <a href="#">CHEM104</a> and <a href="#">CHEM105</a> and wishing to enrol in 200 level CHEM subject may also be required to complete CHEM106. Please check with the Head of Students for confirmation.</b>			
<b>Year 2</b>			
<b>Autumn</b>			
<a href="#">BIOL213</a>	Principles of Biochemistry	6	Autumn
<a href="#">CHEM211</a>	Inorganic Chemistry II	6	Autumn
<a href="#">CHEM212</a>	Organic Chemistry II	6	Autumn
<a href="#">MEDI211</a>	Control Mechanisms Physiology	6	Autumn
<b>Spring</b>			
<a href="#">BIOL214</a>	The Biochemistry of Energy and Metabolism	6	Spring
<a href="#">BIOL215</a>	Introductory Genetics	6	Spring

CHEM213	Molecular Structure, Reactivity and Change	6	Spring
CHEM214	Analytical and Environmental Chemistry	6	Spring
<b>Year 3</b>			
<b>Autumn</b>			
CHEM358	Pharmacology	6	Autumn
CHEM374	Molecular Spectroscopy and Structure Elucidation	6	Autumn
<b>Plus, 12 credit points of subjects from the following list:</b>			
BIOL340	Cell and Molecular Biology	6	Autumn
BIOL343	Techniques in Biotechnology and Medical Research	6	Autumn
CHEM324	Chemical Analysis and Inference	6	Autumn
<b>Spring</b>			
CHEM325	Bioinformatics:Genome, Genes and Biomolecules	6	Spring
CHEM360	Organic Synthesis III	6	Spring
CHEM333	Drug Discovery and Medicinal Chemistry	6	Spring
<b>Plus, ONE subject from the following list:</b>			
BIOL341	Immunity and Infection	6	Spring
CHEM370	Modern Inorganic and Bio-inorganic Chemistry	6	Spring
<b>Year 4</b>			
CHEM470	Selected Topics in	12	SMAH Annual

	Medicinal Chemistry		
CHEM480	Medicinal Chemistry Project	36	SMAH Annual, SMAH Annual 2019/2020

## Honours

The class of Honours awarded is based on performance in third and fourth year subjects, based on a Weighted Average Mark (WAM) formula in accordance with Method 3 as defined in the [General Course Rules Section 8](#).

## Professional Recognition/Accreditation

This degree structure is designed to meet the qualifying standards of the Royal Australian Chemical Institute, and students meeting the course requirements will be eligible for corporate membership as Chartered Chemists.

## Other Information

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Medicinal Chemistry (Honours) (Dean's Scholar) | 2019

Testamur Title of Degree:	Bachelor of Medicinal Chemistry (Honours) (Dean's Scholar)
Abbreviation:	BMedChem(Hons)(Dean'sSchol)
UOW Course Code:	1772
CRICOS Code:	084840J
Total Credit Points:	192
Duration:	4 years full-time or part-time equivalent
Home Faculty:	Faculty of Science, Medicine and Health
Intake Session(s):	Autumn
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 757619

## Overview

Medicinal Chemistry covers all elements of the development of new medicines for human use, including the isolation of new medicinal agents from natural sources, the design and synthesis of new drugs, and understanding the cause of diseases at the molecular level.

Medicinal chemists design and synthesise new medicinal and pharmacological agents; develop new dosage forms; monitor guidelines for testing drugs and undertake analyses; assist with drug regulatory affairs; assess patent applications for new drugs; and teach in tertiary institutions.

The degree provides excellent training in the modern techniques of chemical science applied to medicine. This includes specialised courses in drug discovery and design, using both rational, computer-aided and bioprospecting approaches. As well as fundamental training in the chemical sciences, you will also study the concepts needed to understand the effects of the disease state on the human body and the role of drugs. Topics of study include chemistry, physiology, pharmacology and cell biology.

The Bachelor of Medicinal Chemistry (Honours) (Dean's Scholar) is designed specifically for high-achieving students interested in a challenging degree leading to a career in scientific research.

All students are invited to participate in various enrichment activities throughout the program and, after the first year, to develop a close association with an appropriate member of one of the faculty's research teams.

Students in this program also have the opportunity to undertake individual research subjects. Students are normally required to achieve at least a Distinction average in subjects completed in a calendar year.

In the final year, all students undertake a substantial piece of supervised research in their major discipline, together with other required seminar and/or course work.

Graduates may then be eligible for direct enrolment into a research doctorate in their chosen field or into other postgraduate degrees.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Demonstrate extensive and coherent knowledge of the principles and concepts associated with chemistry.
2	Demonstrate extensive and coherent knowledge of the principles and concepts associated with the design and synthesis of medicinal agents, their mode of action and their biological interactions.
3	Demonstrate technical and cognitive skills associated with chemistry, including medicinal chemistry, by locating, analysing and synthesising information to generate solutions to complex questions and problems.
4	Exercise critical analysis of observations and data from primary and secondary sources.
5	Integrate and apply knowledge and skills associated with medicinal chemistry to plan and execute a substantial research project.
6	Communicate Knowledge and ideas clearly and coherently to others through a variety of media.
7	Apply knowledge of research principles and research skills in a variety of research contexts.

## Course Structure

To qualify for award of the degree, the Bachelor of Medicinal Chemistry (Honours) (Dean's Scholar), a candidate must successfully complete at least 192 credit points, as outlined below.

### Please note:

- Students who have not completed HSC Mathematics at Band 4 or higher (or equivalent) are required to complete a mathematics subject (MATH151 or equivalent) normally in the first year.
- Students may only count 60 credit points of 100-level subjects towards the degree.
- Students must have a grade of Pass (not Pass Supplementary) or higher in 300-level core subjects.

### Progression Requirements

To maintain a place in the Dean's Scholar program, students are normally required to achieve a Weighted Average Mark (WAM) of at least 75% in the 200 and 300 level subjects completed. The performance of each student will be reviewed initially by the Faculty after the completion of 72 credit points. Students not meeting the minimum progression requirements will be

required to transfer into the Bachelor of Science (Medicinal Chemistry).

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn</b>			
MEDI100	Human Structure and Function	6	Autumn
<b>Select ONE of the following two subjects:</b>			
<b>Note: Students who have achieved a mark of 65% or more in NSW HSC Chemistry or equivalent must select CHEM101 and CHEM102. All other students must select CHEM104 and CHEM105.</b>			
CHEM101	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
CHEM104	Foundation Chemistry: Properties of Matter	6	Autumn
<b>Plus 12 credit points of subjects from the following list:</b>			
BIOL104	Evolution, Biodiversity and Environment	6	Autumn
BIOL105	Functional Biology of Animals and Plants	6	Autumn
MEDI150	Fundamental Concepts in Food and Nutrition	6	Autumn
PHYS141	Fundamentals of Physics A	6	Autumn
MATH141	Foundations of Engineering Mathematics	6	Autumn, Spring
<b>or</b>			
MATH151	General Mathematics 1A	6	Autumn

<b>or</b>			
<a href="#">MATH187</a>	Mathematics 1: Algebra and Differential Calculus	6	Autumn
<b>* The Mathematics subject to study is dependent on the level of Mathematics already achieved by the student (HSC or equivalent). Students may only complete one of the listed MATH subjects.</b>			
<b>Spring</b>			
<a href="#">BIOL103</a>	Molecules, Cells and Organisms	6	Spring
<a href="#">MEDI112</a>	Introduction to Anatomy and Physiology II	6	Spring
<a href="#">STAT252</a>	Statistics For the Natural Sciences	6	Spring
<b>Select ONE of the following two subjects:</b>			
<a href="#">CHEM102</a>	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
<a href="#">CHEM105</a>	Foundation Chemistry: Reactions and Structures	6	Spring
<b>Summer</b>			
<a href="#">CHEM106</a>	Foundation Chemistry: Properties and Reactivity of Matter	6	Summer 2019/2020
<b>Students completing <a href="#">CHEM104</a> and <a href="#">CHEM105</a> and wishing to enrol in a 200 level CHEM subject may also be required to complete CHEM106. Please check with the Head of Students for confirmation.</b>			
<b>Year 2</b>			
<b>Autumn</b>			
<a href="#">BIOL213</a>	Principles of Biochemistry	6	Autumn

CHEM211	Inorganic Chemistry II	6	Autumn
CHEM212	Organic Chemistry II	6	Autumn
MEDI211	Control Mechanisms Physiology	6	Autumn
<b>Spring</b>			
BIOL214	The Biochemistry of Energy and Metabolism	6	Spring
BIOL215	Introductory Genetics	6	Spring
CHEM213	Molecular Structure, Reactivity and Change	6	Spring
CHEM214	Analytical and Environmental Chemistry	6	Spring
<b>Year 3</b>			
<b>Autumn</b>			
CHEM358	Pharmacology	6	Autumn
CHEM374	Molecular Spectroscopy and Structure Elucidation	6	Autumn
CHEM341	Chemistry Laboratory Project	6	Autumn, Spring, Summer 2019/2020
<b>Plus, ONE subject from the following list:</b>			
BIOL340			
BIOL343	Techniques in Biotechnology and Medical Research	6	Autumn
CHEM324	Chemical Analysis and Inference	6	Autumn
<b>Spring</b>			
CHEM325	Bioinformatics:Genome,	6	Spring

	Genes and Biomolecules		
CHEM360	Organic Synthesis III	6	Spring
CHEM333	Drug Discovery and Medicinal Chemistry	6	Spring
<b>Plus, ONE subject from the following list:</b>			
CHEM370	Modern Inorganic and Bio-inorganic Chemistry	6	Spring
BIOL341	Immunity and Infection	6	Spring
<b>Year 4</b>			
CHEM470	Selected Topics in Medicinal Chemistry	12	SMAH Annual
CHEM480	Medicinal Chemistry Project	36	SMAH Annual, SMAH Annual 2019/2020

## Honours

The class of Honours awarded is based on performance in third and fourth year subjects, based on a Weighted Average Mark (WAM) formula in accordance with Method 3 as defined in the [General Course Rules Section 8](#).

## Professional Recognition/Accreditation

This degree structure is designed to meet the qualifying standards of the Royal Australian Chemical Institute, and students meeting the course requirements will be eligible for corporate membership as Chartered Chemists.

## Other Information

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

Last reviewed: 12 February, 2019

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# 2019 Undergraduate Courses

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Medicine Bachelor of Surgery (Honours) | 2019

Testamur Title of Degree:	Bachelor of Medicine Bachelor of Surgery (Honours)
Abbreviation:	MBBS(Hons)
UOW Course Code:	889
CRICOS Code:	078310G
Total Credit Points:	48
Duration:	1 years full-time
Home Faculty:	Faculty of Science, Medicine and Health
Intake Session(s):	GSM Summer, Autumn, Spring
Delivery Mode:	On-campus
Delivery Campus:	Wollongong

## Overview

The Bachelor of Medicine Bachelor of Surgery (Honours) is designed to provide students with skills to demonstrate excellence in ethical research, integrated with a clear understanding of a specific research question in relation to current knowledge.

The Honours year, is a stand-alone program at the conclusion of a Bachelor of Medicine Bachelor of Surgery (MBBS). In addition to undertaking an Honours Project, students will be expected to spend the equivalent of one day a week in a clinical setting.

The Honours program has been structured to match the timing of Australian and North American internship/training programs. Students who proceed with the December - June option will be able to commence Australian internships in midyear (noting that some but not all Local Health Districts take midyear interns). Students pursuing training opportunities in North America will be able to commence at the beginning of that program which is midyear.

Students electing to undertake the Honours program in March - December, in line with current NSW Health Policy, will be eligible to commence NSW internships in the following year.

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Integrate knowledge of research principles and methods associated with medicine to independently plan and execute a research project in regard to medicine including collecting, organising, assessing and interpreting data.
2	Apply knowledge and skills of research principles and methods to inquiry based activities in a variety of contexts.
3	Execute technical and cognitive skills in reviewing, analysing and synthesising information to independently generate solutions to complex problems.
4	Communicate knowledge and ideas clearly and coherently to a variety of audiences.
5	Consolidate and contextualise learning by active and regular participation in clinical services in a related area of medicine.

## Course Structure

Bachelor of Medicine Bachelor of Surgery (Hons) requires the successful completion of 48 credit points of subjects in accordance with the table below.

The program takes one full-time year to complete.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
MEDI606	Special Topics in Medicine	48	Autumn, Spring

## Professional Recognition/Accreditation

The Honours program adds value to the basic MBBS degree, substantially broadening the skills-base, and sets the graduate apart from the bulk of students who have completed a Bachelor's degree only, providing enhanced career and employment prospects.

Completion of the Honours research program to a high standard, and especially success in publication of the research, may increase the opportunity for selection into specialist training programs and increase choice for postgraduate clinical placements.

Honours also represents the most direct path for students to gain entry into a doctoral level higher degree research program (PhD). Achievement of 1st Class Honours will make the graduate competitive for an Australian or University Postgraduate Research Award (scholarship) providing financial assistance to complete a doctorate.

After completion of the MBBS degree, Australian graduates are required to complete an intern year in an Australian hospital as a prerequisite to full medical registration. This requirement can be completed before or after undertaking the Honours program. These internships may not be available to graduates who are not Australian citizens. Further information can be found at [here](#).

## Other Information

Formal enrolment in the GSM Honours program is completed through SOLS upon the receipt of a formal University of Wollongong offer. For assistance with enrolment contact the Honours Coordinator.

Medical students are registered with the National Medical Board, and subject to the provisions of that body in relation to issues affecting fitness to practice. Further information can be found [here](#).

Students should also read the requirements found in the [Additional Information](#) section.

Note: Honours students will only be taken where an approved supervisor and project is available.

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

Last reviewed: 6 November, 2018

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Nursing | 2019

Testamur Title of Degree:	Bachelor of Nursing
Abbreviation:	BNurse
UOW Course Code:	394
CRICOS Code:	098260C
Total Credit Points:	144
Duration:	3 years full-time, or negotiated part-time equivalent
Home Faculty:	Faculty of Science, Medicine and Health
Intake Session(s):	Autumn
Delivery Mode:	On-campus (excluding clinical placement)
Delivery Campus / UAC Code:	Wollongong / 757101 Bega / 757102 Shoalhaven / 757103

Southern Sydney / 757104

Batemans Bay / 757105

South Western Sydney / 757106

## Overview

The Bachelor of Nursing prepares students for professional practice as registered nurses, by providing knowledge and skills to think critically and reflect across all aspects of nursing practice. The course incorporates a range of nursing subjects, basic sciences, research, ethics and professional subjects relevant to contemporary nursing practice.

At the completion of the course, graduates will be able to deliver confident, safe and person centered care in a variety of health care settings. Throughout the 3 year course, students will attend 840 hours of off-campus workplace experience in a variety of settings and different local health districts. Students can expect to travel up to 2 hours to attend their workplace experience.

## Entry Requirements

Academic requirements and English requirements are available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Apply broad and coherent theoretical knowledge to provide safe, high quality nursing practice that is person-centred and based on the best available evidence.
2	Exercise critical thinking and judgement to systematically assess, plan, deliver and evaluate nursing practice.
3	Use reflection to critically evaluate and develop nursing practice.
4	Lead practice that is collaborative and promotes effective therapeutic and professional relationships.
5	Share values that foster a culture of respect for all people, practicing

	ethically and promoting nursing as a profession.
6	Use the best available evidence to make decisions and provide safe, quality nursing care and as a platform for continued lifelong learning.
7	Communicate in an effective, respectful and collaborative way with individuals and members of the interdisciplinary team.

## Course Structure

To qualify for award of the degree, the Bachelor of Nursing, a candidate must successfully complete at least 144 credit points in accordance with the table below.

In order to attend workplace experience, students must meet NSW Health Department requirements in regard to Criminal Record Checks and Infectious Disease. Students who do not meet these requirements will not be able to attend workplace experience and therefore will not be able to continue in the Bachelor of Nursing. For further information on Criminal Record Checks and Infectious Diseases please visit [Student Clearances for Clinical Placements - NSW Department of Health](#).

Inherent requirements ensure the integrity of a course is maintained and preserves the university's learning, assessment and accreditation processes. They must be met by all students. For more information on the Inherent Requirements of our Nursing programs, please see the [Inherent Requirements](#) webpage.

Subject Code	Subject Name	Credit Points	Session(s)
<b>1st Year</b>			
<b>Autumn</b>			
<a href="#">SNUG101</a>	Fundamentals of Nursing	6	Autumn
<a href="#">SNUG102</a>	Nursing as a Professional	6	Autumn
<a href="#">SNUG103</a>	Anatomy and Physiology for Nurses	6	Autumn
<a href="#">SNUG104</a>	Workplace Experience 1	6	Autumn
<b>Spring</b>			

SNUG105	Person and Family Centred Care	6	Spring
SNUG106	Nursing Care of the Older Person	6	Spring
SNUG107	Primary Health Care	6	Spring
SNUG108	Workplace Experience 2	6	Spring
<b>2nd Year</b>			
<b>Autumn</b>			
SNUG201	Acute Care Nursing	6	This subject is not on offer in 2019
SNUG202	Evidence Based Practice	6	This subject is not on offer in 2019
SNUG203	Pathophysiology & Pharmacokinetics	6	This subject is not on offer in 2019
SNUG204	Workplace Experience 3		This subject is not on offer in 2019
<b>Spring</b>			
SNUG205	Continuing Care Nursing	6	This subject is not on offer in 2019
SNUG206	Psychiatric/Mental Health Nursing	6	This subject is not on offer in 2019
SNUG207	Cultural Competency	6	This subject is not on offer in 2019
SNUG208	Workplace Experience 4	6	This subject is not on offer in 2019
<b>3rd Year</b>			
<b>Autumn</b>			
SNUG301	Managing deterioration	6	This subject is not on offer in 2019



SNUG302	Contemporary Leadership in Nursing	6	This subject is not on offer in 2019
SNUG303	Clinical Excellence	6	This subject is not on offer in 2019
SNUG304	Workplace Experience 5	6	This subject is not on offer in 2019
<b>Spring</b>			
SNUG306	Being a Professional	6	This subject is not on offer in 2019
SNUG307	Capstone	6	This subject is not on offer in 2019
SNUG308	Workplace Experience 6	6	This subject is not on offer in 2019
<b>PLUS, one of the following subjects;</b>			
SNUG305	Cancer Nursing	6	This subject is not on offer in 2019
SNUG309	Psychiatric/ Mental Health Nursing Practice	6	This subject is not on offer in 2019
SNUG310	Critical Care Nursing	6	This subject is not on offer in 2019
SNUG311	Paediatric Nursing	6	This subject is not on offer in 2019

A part time pathway can be negotiated with the Bachelor of Nursing Academic Program Director.

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 is a pre-requisite to enrolment in Year 3 nursing theory and practice subjects. The reason for these prescriptions is that the School of Nursing has a legal responsibility to ensure that candidates meet nursing theory and practice requirements at each level of the course.

## Compulsory Work Placement / Online Components

This course contains a total of 840 hours over 21 weeks of compulsory work-based placements. This course may also contain compulsory components to be completed online.

## Honours

An Honours degree program is available for eligible students. For further information refer to the separate entry for [Bachelor of Nursing \(Honours\)](#).

## Professional Recognition/Accreditation

Graduates may be eligible to apply to register with the Australian Health Practitioner Regulation Agency (AHPRA) through the Nursing & Midwifery Board of Australia (NMBA) subject to meeting the registration standards, including English language proficiency. NMBA currently requires an overall IELTS score of 7.0, and at least 7.0 in reading, writing, speaking and listening. Results must have been obtained no more than 2 years prior to applying for registration. Therefore graduates will be required to take a further IELTS test even if the required results were demonstrated prior to enrolment in the Bachelor of Nursing.

For information regarding registration standards visit the [NMBA website](#).

## Other Information

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

Last reviewed: 23 October, 2018

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Nursing (Conversion) | 2019

Testamur Title of Degree:	Bachelor of Nursing (Conversion)
Abbreviation:	BNurse(Conversion)
UOW Course Code:	355
CRICOS Code:	085515C
Total Credit Points:	48
Duration:	1 year full-time or part-time equivalent*
Home Faculty:	Faculty of Science, Medicine and Health
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-Campus
Delivery Campus:	Wollongong

\*The length of the degree is dependent upon entry qualifications

## Overview

The Bachelor of Nursing (Conversion) provides Registered Nurses with a Certificate/Diploma with the opportunity to upgrade their qualifications to a Bachelor's degree level.

The conversion program does not lead to registration as a nurse in Australia.

Students evaluate and apply concepts drawn from nursing theory and research to professional practice; demonstrate an increased awareness of the effects of cultural, social, economic, legal and ethical influences on the development of the nursing profession; and demonstrate competencies that enable health professionals to accept responsibility for a more complex level of client management.

The number of candidates admitted to the course will be limited and applicants must be approved by the Head of the School of Nursing.

## Entry Requirements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Evaluate knowledge, skills and behaviours for the provision of safe and effective nursing care for individuals, families and communities.
2	Employ knowledge and skills in the application of leadership in the provision of person-centred, culturally appropriate practice.
3	Demonstrate a critical awareness of knowledge, skills and behaviours commensurate with improvements in practice

## Course Structure

Students are expected to complete one of the following programs of study based on their previous qualification, the extent of professional experience, study load and session commencement date. The program of study will be chosen in consultation with the Program Coordinator.

## Registered Nurses who hold a Certificate of Nursing (or equivalent)

Registered nurses with a Certificate of Nursing, or equivalent, are required to satisfactorily complete subjects with a value of at least 48 credit points, of which at least 24 credit points shall be from 300-level subjects.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Full Time Study</b>			
<b>Autumn</b>			
NMIH317	Promoting Clinical Excellence	6	Autumn
NMIH304	Evidence Appreciation and Application in Health Care Practice	6	Autumn
Plus, 12 credit points of subjects from the following list:			
NMIH203	Family Centred Nursing	6	Autumn
NMIH303	Therapeutic Use of Self	6	Autumn
NMIH319	Contemporary Research in Practice	12	Autumn
<b>Spring</b>			
NMIH307	Leadership in Health Care Practice	6	Spring
NMIH325	Community Development Nursing: Theory and Practice	6	Spring
Plus, 12 credit points of subjects from the following list:			
NMIH205	Cultural Competence in Health Care Practice	6	Spring
NMIH206	Therapeutics in Nursing	6	Spring
NMIH306	Challenges of Ageing	6	Spring
NMIH315	Practice Development and Person Centred Nursing	6	Spring

## Registered Nurses who hold a Diploma of Nursing (or equivalent)

Registered nurses with a Diploma of Nursing, or equivalent, are required to satisfactorily complete subjects with a value of at least 24 credit points. Recognition of 24 credit points of prior learning are granted to applicants with a minimum of 1 year of recent clinical practice.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Full Time Study</b>			
<b>Autumn</b>			
NMIH203	Family Centred Nursing	6	Autumn
NMIH317	Promoting Clinical Excellence	6	Autumn
NMIH303	Therapeutic Use of Self	6	Autumn
NMIH304	Evidence Appreciation and Application in Health Care Practice	6	Autumn
<b>Or, the following subject approved in consultation with the course coordinator</b>			
NMIH319	Contemporary Research in Practice	12	Autumn
<b>Spring</b>			
NMIH205	Cultural Competence in Health Care Practice	6	Spring
NMIH325	Community Development Nursing: Theory and Practice	6	Spring
NMIH315	Practice Development and Person Centred Nursing	6	Spring
NMIH307	Leadership in Health Care Practice	6	Spring

Subject Code	Subject Name	Credit Points	Session(s)
<b>Part Time Study</b>			
NMIH304	Evidence Appreciation and Application in Health Care Practice	6	Autumn
NMIH303	Therapeutic Use of Self	6	Autumn
NMIH307	Leadership in Health Care Practice	6	Spring
NMIH325	Community Development Nursing: Theory and Practice	6	Spring

## Other Information

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Nursing (Honours) | 2019

Testamur Title of Degree:	Bachelor of Nursing (Honours)
Abbreviation:	BNurse(Hons)
UOW Course Code:	862
CRICOS Code:	012095M
Total Credit Points:	48
Duration:	1 year full-time or part-time equivalent
Home Faculty:	Faculty of Science, Medicine and Health
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus
Delivery Campus:	Wollongong Bega Shoalhaven Southern Sydney Batemans Bay South Western Sydney

## Overview

The Bachelor of Nursing (Honours) provides exceptional nursing students with the opportunity to extend their knowledge and skills to a higher 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. Candidates who have attained a level of scholarship at credit level or above in 300-level Nursing subjects undertake advanced coursework and research.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Demonstrate advanced knowledge related to nursing practice.
2	Apply knowledge of nursing to clinical practice.
3	Demonstrate skills in reviewing, analysing and synthesising evidence to identify and solve problems.
4	Critical reasoning and reflection to develop and promote empirical understanding.
5	Communicating knowledge and ideas about theoretical concepts related to nursing.
6	Demonstrate initiative and judgement using a professional, ethical and holistic approach advocating for excellence in nursing.
7	Demonstrate the application of knowledge and skills in planning and executing a research-based initiative.

## Course Structure

The Bachelor of Nursing (Honours) requires students to enrol in [NMIH403](#) or [NMIH404](#) completing advanced coursework and research.

Subject Code	Subject Name	Credit Points
<p>These subjects are designed to allow students to complete the Bachelor of Nursing (Honours) full time - <a href="#">NMIH404</a> (24cp x 2) or part time - <a href="#">NMIH403</a> (12cp x 4) across a single semester. Please consult with the Academic Program Director prior to enrolment.</p>		
<a href="#">NMIH403</a>	Nursing Honours (Part time)	12
<a href="#">NMIH404</a>	Nursing Honours	24

The Honours grade will be calculated in accordance with Method 1. For further information refer to [General Course Rules Section 8](#).

## Other Information

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

Last reviewed: 20 December, 2018

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Nutrition and Dietetics (Honours) | 2019

Testamur Title of Degree:	Bachelor of Nutrition and Dietetics (Honours)
Abbreviation:	BNutrDiet(Hons)
UOW Course Code:	1879
CRICOS Code:	084857M
Total Credit Points:	192
Duration:	4 years full-time or part-time equivalent
Home Faculty:	Faculty of Science, Medicine and Health
Intake Session(s):	Autumn
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 757647

## Overview

The Bachelor of Nutrition and Dietetics (Honours) provides rigorous training in nutrition science and an introduction to professional practice. Core areas of study include biochemistry, physiology and areas of practice including clinical dietetics, community and public health nutrition and food service systems management. The degree includes a 4th year Honours thesis, including research in practice.

Clinical experience will be undertaken in general and specialist hospitals in the Illawarra, south-eastern regions of Sydney and rural areas, as well as in a variety of community and industrial settings.

Graduates are eligible for membership of the Dietitians' Association of Australia and professional recognition as a Dietitian/Nutritionist.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Demonstrate coherent and advanced knowledge of the principles and concepts associated with nutrition and dietetics.
2	Integrate knowledge of research principles and methods associated with nutrition and dietetics practice.
3	Use effective and appropriate communication skills in providing information, advice and professional opinion to individuals, groups and communities.
4	Collect, organise and assess data relating to the health and nutritional status of individuals, groups and populations.
5	Apply critical thinking, collaborative practice and judgement in: a. Management of client-centred nutrition care for individuals; b. Planning implementation and evaluation of nutrition programs with groups, communities or populations as part of a team; and c. Management of components of a food service system to provide safe and nutritious food to groups and individuals.

6	Demonstrate initiative and judgement using a professional, ethical and entrepreneurial approach advocating for excellence in nutrition and dietetics.
7	Demonstrate an understanding of management principles in the provision of nutrition services and products.
8	Independently plan and execute a research project in regard to nutrition and dietetics practice.

## Course Structure

To qualify for award of the degree, the Bachelor of Nutrition and Dietetics (Honours), a candidate must successfully complete at least 192 credit points, in accordance with the course structure and recommended subject progression table below.

Students must achieve a minimum of a credit average across the first two years of their program to be permitted to continue into the third year of the degree and are required to maintain this overall level of achievement to progress into the fourth year. Students who fail to achieve this grade will be transferred to the Bachelor of Nutrition Science degree.

High achieving students may be offered entry into the [Bachelor of Nutrition and Dietetics \(Honours\) \(Dean's Scholar\)](#) by invitation from the Course Coordinator.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn</b>			
<a href="#">MEDI160</a>	Scientific Literacy	6	Autumn
<a href="#">MEDI150</a>	Fundamental Concepts in Food and Nutrition	6	Autumn
<a href="#">MEDI100</a>	Human Structure and Function	6	Autumn
<b>Please select one of the following two subjects:</b>			
<b>Note: Students who have achieved a mark of 65% or more in NSW HSC Chemistry or equivalent must select <a href="#">CHEM101</a> and <a href="#">CHEM102</a>. All other students must select <a href="#">CHEM104</a> and <a href="#">CHEM105</a>.</b>			



CHEM101	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
CHEM104	Foundation Chemistry: Properties of Matter	6	Autumn
<b>Spring</b>			
BIOL103	Molecules, Cells and Organisms	6	Spring
MEDI112	Introduction to Anatomy and Physiology II	6	Spring
MEDI151	Healthy Ageing	6	Spring
<b>Plus ONE subject from the following list:</b>			
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
CHEM105	Foundation Chemistry: Reactions and Structures	6	Spring
<b>Year 2</b>			
<b>Autumn</b>			
BIOL213	Principles of Biochemistry	6	Autumn
CHEM215	Food Chemistry	6	Autumn
MEDI211	Control Mechanisms Physiology	6	Autumn
MEDI231	Measurement of diet and health promotion	6	Autumn
<b>Spring</b>			
STAT251	Fundamentals of Biostatistics	6	Spring
BIOL214	The Biochemistry of Energy and Metabolism	6	Spring
MEDI251	Nutritional Epidemiology	6	Spring

<a href="#">MEDI213</a>	Nutritional Physiology	6	Spring
<b>Year 3</b>			
<b>Autumn</b>			
<a href="#">MEDI362</a>	Research in Human Nutrition	6	Autumn
<a href="#">DIET467</a>	Dietetics Care 1	12	Autumn
<a href="#">MEDI363</a>	Community and Public Health Nutrition	6	Autumn
<b>Spring</b>			
<a href="#">DIET468</a>	Dietetics Care 2	12	Spring
<a href="#">MEDI355</a>	Nutrition and Food Innovation	6	Spring
<a href="#">DIET466</a>	Food Service Dietetics	6	Spring
<b>Year 4</b>			
<a href="#">MEDI369</a>	Nutrition in Practice	6	Annual, Autumn
<a href="#">DIET461</a>	Dietetics Research Project	18	DIET Annual
<a href="#">DIET454</a>	Practical Studies in Nutrition and Dietetics	24	DIET Annual, DIET Autumn

## Compulsory Work Placement / Online Component

This course contains a total of 800 hours over 20 weeks of compulsory work-based placements. This course may also contain compulsory components to be completed online.

All students will need to comply with the relevant occupational screening policy and vaccination requirements before placement. NSW Health can provide details of necessary vaccinations. In order to enrol in professional practice subjects, all UOW Bachelor of Nutrition and Dietetics (Honours) students must provide a completed National Criminal Record Check and a Prohibited Employment Declaration Form. For further information, refer to

the [Additional Information](#) section.

In conjunction with the placement component undertaken in the final year, students also undertake a research project which demonstrates learning outcomes related to research and evidence based practice.

## Professional Recognition/Accreditation

The Bachelor of Nutrition and Dietetics (Honours) program has full accreditation with the Dietitians Association of Australia (DAA), making all graduates eligible for the credential of Accredited Practising Dietitian (APD) and Accredited Nutritionist (AN). Graduates can also apply for membership to the Nutrition Society of Australia (see NSA website).

## Other Information

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

Last reviewed: 11 April, 2019

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Nutrition and Dietetics (Honours) (Dean's Scholar) | 2019

Testamur Title of Degree:	Bachelor of Nutrition and Dietetics (Honours) (Dean's Scholar)
Abbreviation:	BNutrDiet(Hons)(Dean'sSchol)
UOW Course Code:	1705
CRICOS Code:	093521E
Total Credit Points:	192
Duration:	4 years full-time or part-time equivalent
Home Faculty:	Faculty of Science, Medicine and Health
Intake Session(s):	Autumn
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus:	Wollongong

## Overview

The Bachelor of Nutrition and Dietetics (Honours) (Dean's Scholar) provides rigorous training in nutrition science and an introduction to professional practice. Core areas of study include biochemistry, physiology and areas of practice including clinical dietetics, community and public health nutrition and food service systems management. The degree includes a 4th year Honours thesis, including research in practice.

Clinical experience will be undertaken in general and specialist hospitals in the Illawarra, Sydney and rural areas, as well as in a variety of community and industrial settings.

Graduates are eligible for membership of the Dietitians' Association of Australia and professional recognition as a Dietitian/Nutritionist.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Demonstrate coherent and advanced knowledge of the principles and concepts associated with nutrition and dietetics.
2	Integrate knowledge of research principles and methods associated with nutrition and dietetics practice.
3	Collect, organise and assess data relating to the health and nutritional status of individuals, groups and populations.
4	Apply critical thinking, collaborative practice and judgement in all areas of practice including the management of client-centred nutrition care for individuals; planning, implementation and evaluation of nutrition programs with groups, communities or populations as part of a team; and in effective management of components of a food service system to provide safe and nutritious food to groups and individuals.
5	Demonstrate initiative and judgement using a professional, ethical and entrepreneurial approach advocating for excellence in nutrition and dietetics.

6	Demonstrate an understanding of management principles in the provision of nutrition services and products.
7	Independently plan and execute a research project in regard to nutrition and dietetics practice.
8	Demonstrate high level professional practice, collaboration and communication, critical thinking and reflection to a level above the expected entry level of practice for a dietitian.

## Course Structure

To qualify for award of the degree, the Bachelor of Nutrition and Dietetics (Honours) (Dean's Scholar), a candidate must successfully complete at least 192 credit points in accordance with the course structure and recommended subject progression table below.

Students must achieve a minimum of a distinction average across the first two years of their program to be permitted to continue into the third year of the degree and are required to maintain this overall level of achievement to progress into the fourth year. Students who fail to achieve this grade will be transferred to the Bachelor of Nutrition and Dietetics Honours degree.

In conjunction with the placement component undertaken in the final year, students also undertake a Honours thesis which demonstrates learning outcomes related to research.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn</b>			
MEDI160	Scientific Literacy	6	Autumn
MEDI150	Fundamental Concepts in Food and Nutrition	6	Autumn
MEDI100	Human Structure and Function	6	Autumn
<b>Please select one of the following two subjects:</b>			
<b>Note: Students who have achieved a mark of 65% or more in</b>			

**NSW HSC Chemistry or equivalent must select CHEM101 and CHEM102. All other students must select CHEM104 and CHEM105.**

CHEM101	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
CHEM104	Foundation Chemistry: Properties of Matter	6	Autumn
<b>Spring</b>			
BIOL103	Molecules, Cells and Organisms	6	Spring
MEDI112	Introduction to Anatomy and Physiology II	6	Spring
MEDI151	Healthy Ageing	6	Spring
<b>Plus ONE subject from the following list:</b>			
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
CHEM105	Foundation Chemistry: Reactions and Structures	6	Spring
<b>Year 2</b>			
<b>Autumn</b>			
BIOL213	Principles of Biochemistry	6	Autumn
CHEM215	Food Chemistry	6	Autumn
MEDI211	Control Mechanisms Physiology	6	Autumn
MEDI231	Measurement of diet and health promotion	6	Autumn
<b>Spring</b>			
STAT251	Fundamentals of Biostatistics	6	Spring
BIOL214	The Biochemistry of Energy	6	Spring



	and Metabolism		
<a href="#">MEDI251</a>	Nutritional Epidemiology	6	Spring
<a href="#">MEDI213</a>	Nutritional Physiology	6	Spring
<b>Year 3</b>			
<b>Autumn</b>			
<a href="#">MEDI362</a>	Research in Human Nutrition	6	Autumn
<a href="#">DIET467</a>	Dietetics Care 1	12	Autumn
<a href="#">MEDI363</a>	Community and Public Health Nutrition	6	Autumn
<a href="#">MEDI369</a>	Nutrition in Practice	6	Annual, Autumn
<b>Spring</b>			
<a href="#">DIET468</a>	Dietetics Care 2	12	Spring
<a href="#">DIET466</a>	Food Service Dietetics	6	Spring
<b>Year 4</b>			
<a href="#">DIET460</a>	Dietetics Research Practice	48	DIET Annual

## Compulsory Work Placement / Online Components

This course contains a total of 800 hours of compulsory work-based placements, complete over 20 weeks. This course may also contain compulsory components to be completed online.

All students will need to comply with the relevant occupational screening policy and vaccination requirements before placement. NSW Health can provide details of necessary vaccinations. In order to enrol in professional practice subjects, all UOW Bachelor of Nutrition and Dietetics (Honours) (Dean's Scholar) students must provide a completed National Criminal Record Check and a Prohibited Employment Declaration Form. For further information, refer to the [Additional Information](#) section.

## Professional Recognition / Accreditation

The Bachelor of Nutrition and Dietetics (Honours) (Dean's Scholar) program has full accreditation with the Dietitians Association of Australia (DAA), making all graduates eligible for the credential of Accredited Practising Dietitian (APD) and Accredited Nutritionist (AN). Graduates can also apply for membership to the Nutrition Society of Australia (see NSA website).

## Other Information

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

Last reviewed: 8 March, 2019

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Nutrition Science | 2019

Testamur Title of Degree:	Bachelor of Nutrition Science
Abbreviation:	BNutrSc
UOW Course Code:	1869
CRICOS Code:	083034C
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Science, Medicine and Health
Intake Session(s):	Autumn
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 757645

## Overview

The Bachelor of Nutrition Science provides a strong grounding in nutritional science, including topics such as nutrition and exercise, food chemistry, biochemistry and metabolism, as well as training in nutrition research.

The course meets the requirements of the Nutrition Society of Australia (NSA) for graduates to register as nutrition scientists, following 3 years of relevant workplace experience after graduation. Nutrition Science courses do not receive accreditation in Australia by the professional body (NSA). Competencies for nutrition science are met by the course.

In addition the program is designed to meet the prerequisite requirements for admission into the Master of Nutrition and Dietetics, which is required for accreditation as a nutritionist/dietitian.

Students who achieve a distinction average in the first two years of this degree may be invited to transfer into the [Bachelor of Nutrition and Dietetics \(Honours\)](#), subject to the availability of places.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Demonstrate knowledge and understanding of basic sciences in relation to nutrition and the interactive role of nutrition in health and the prevention of disease.
2	Illustrate an awareness of food as a source of nutrients, an appreciation of food habits and can identify the social and cultural importance of food.
3	Critically review, analyse and synthesise information in relation to nutrition, food and health.
4	Apply principles of nutrition science within research and practice environments.
5	Appreciate the range of applications of nutrition science within research and social environments.
6	Exercise critical thinking and independent problem solving.

7	Communicate food and nutrition knowledge and ideas to others.
8	Understand the importance of being an independent learner who exercises responsibility for their ongoing professional development.

## Course Structure

To qualify for award of the degree, the Bachelor of Nutrition Science, a candidate must successfully complete at least 144 credit points in accordance with the course structure and recommended subject progression table below.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn</b>			
MEDI150	Fundamental Concepts in Food and Nutrition	6	Autumn
MEDI160	Scientific Literacy	6	Autumn
MEDI100	Human Structure and Function	6	Autumn
<b>Plus one of the following two subjects:</b>			
<b>Note: Students who have achieved a mark of 65% or more in NSW HSC Chemistry or equivalent must select CHEM101 and CHEM102. All other students must select CHEM104 and CHEM105.</b>			
CHEM101	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
CHEM104	Foundation Chemistry: Properties of Matter	6	Autumn
<b>Spring</b>			
BIOL103	Molecules, Cells and Organisms	6	Spring
MEDI112	Introduction to Anatomy	6	Spring

	and Physiology II		
MEDI151	Healthy Ageing	6	Spring
<b>Plus one of the following two subjects:</b>			
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
CHEM105	Foundation Chemistry: Reactions and Structures	6	Spring
<b>Year 2</b>			
<b>Autumn</b>			
BIOL213	Principles of Biochemistry	6	Autumn
CHEM215	Food Chemistry	6	Autumn
MEDI211	Control Mechanisms Physiology	6	Autumn
MEDI231	Measurement of diet and health promotion	6	Autumn
<b>Spring</b>			
BIOL214	The Biochemistry of Energy and Metabolism	6	Spring
MEDI251	Nutritional Epidemiology	6	Spring
MEDI213	Nutritional Physiology	6	Spring
STAT251	Fundamentals of Biostatistics	6	Spring
<b>Year 3</b>			
<b>Autumn</b>			
MEDI369	Nutrition in Practice	6	Annual, Autumn
MEDI362	Research in Human Nutrition	6	Autumn

MEDI363	Community and Public Health Nutrition	6	Autumn
<b>Plus 6 credit points selected from the General Schedule or Science Schedule</b>			
<b>Spring</b>			
MEDI355	Nutrition and Food Innovation	6	Spring
<b>Plus, 18 credit points of electives selected from the General Schedule, the Science Schedule or from the list below</b>			
<b>A maximum of 60 credit points of 100 level subjects are undertaken as credit within the degree</b>			
HAS 160	Food and Society I: The What and Why of Food	6	Spring
MEDI350	Research Projects	12	Autumn, Spring
CRLP200	Career Ready Learning & Practice	6	Autumn, Spring, Summer 2020/2021
HAS 265	Food and Society II: Community Settings and Practice	6	Spring

## Minors

If students wish to complete a minor as part of the Bachelor of Nutrition Science, consultation with the Academic Program Director and subsequent approval is required.

### Faculty of Business

- Business Law
- Business Information Systems
- Management

### Faculty of Engineering and Information Sciences

- Energy and Climate

### Faculty of Law, Humanities and the Arts

- Creative Arts
- Cultural Studies
- English Language and Linguistics
- Australian Studies
- Creative Writing
- Gender Studies
- Indigenous Studies
- Science and Technology Studies
- Visual Arts
- Technical Theatre

### **Faculty of Science, Medicine and Health**

- Geosciences
- Physical Geography
- Indigenous Health Studies

### **Faculty of Social Sciences**

- Human Geography
- Social Policy
- Social Marketing
- Work Health and Safety
- Criminology

## Honours

Successful completion of the Bachelor of Nutrition Science with a credit grade average enables students to apply for entry to the [BSc \(Honours\)](#) course. Prospective applicants should consult the School Honours coordinator to register their interest and become involved in the supervisor and topic selection process.

## Professional Recognition/Accreditation

Graduates are eligible for Associate Membership of the Dietitians Association of Australia (DAA). Graduates may also apply to become a Graduate Member of the Australian Institute of Food Science and Technology and/or an Associate Nutritionist with the Nutrition Society of Australia (NSA). Full status as a Registered Nutritionist or Registered Public Health Nutritionist can be obtained after work experience (see NSA for further details).

## Other Information

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)



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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Performance | 2019

Testamur Title of Degree:	Bachelor of Performance
Abbreviation:	BPerf
UOW Course Code:	1849
CRICOS Code:	072568G
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 754800

## Overview

The Bachelor of Performance at UOW is a specialist course that will develop you as a self-reliant, highly skilled performing artist through a practice-based program. You will learn to apply practical skills and theoretical knowledge to contemporary performance as well as learn the techniques, strategies and processes of modern theatre-making in a range of contexts, whether in regional or metropolitan settings, or for children, young people and adults.

The performing arts offers a wide variety of roles and occupations from acting, singing, directing and performance-making to producing and presenting, technical production, lighting and sound design, stage management and audiovisual design. The performing arts form part of the creative industries sector; a \$32 billion dollar industry that is one of the fastest growing in the world.

## Entry Requirements & Credit Arrangements

Entry into the Bachelor of Performance is based on a combination of both academic results and audition scores. All applicants are required to audition to demonstrate their talents and potential to benefit from the course. Main round audition dates and information, including the registration form, are available via the [TAEM Performance Auditions](#) page.

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Demonstrate skills and professional practices required of an actor or performer;
2	Integrate and apply practical skills and theoretical knowledge to contemporary performance;
3	Appraise and reflect critically on contemporary performance and its social, historical and political context;
4	Apply techniques, strategies and processes of contemporary theatre-making;
5	Communicate practical and conceptual ideas effectively and appropriately to a range of audiences and communities;
6	Formulate, propose and produce new work.

# Course Structure

To qualify for award of the degree, the Bachelor of Performance, a candidate must successfully complete at least 144 credit points, comprised of:

1. Core subjects as outlined in the table below (132 credit points)
2. 12 credit points of elective subjects

Note: Students must achieve a clear pass in the core 300 level subjects.

Subject Code	Subject Name	Credit Points
<b>Year 1</b>		
CACS101	Contemporary Creative Practice	6
CACS102	Critical Frameworks in Creative Practice	6
CAPF101	Performance Skills 1: Acting, Movement, Singing, Voice	6
CAPF102	Performance Skills 2: Acting, Movement, Singing, Voice	6
CAPF111	Stagecraft 1	6
CAPF112	Stagecraft 2	6
<b>Plus 12 credit points of electives</b>		
<b>Year 2</b>		
CAPF201	Performance Skills 3: Acting, Movement, Singing, Voice	6
CAPF202	Performance Skills 4: Acting, Movement, Singing, Voice	6
CAPF211	Performance Production 1	6
CAPF212	Performance Production 2	6
CAPF215	Scene-work 1: Engaging with Text	6
CAPF216	Scene-work 2: Form and Genre	6
CAPF231	Contemporary Theatre and Text	6

<a href="#">CAPF232</a>	Contemporary Australian Theatre and its Context	6
<b>Year 3</b>		
<a href="#">CAC301</a>	Professional Practice	6
<a href="#">CAPF301</a>	Performance Skills 5: Acting, Movement, Singing, Voice	6
<a href="#">CAPF311</a>	Performance Production 3	6
<a href="#">CAPF315</a>	Scene-work 3	6
<a href="#">CAPF316</a>	Scene-work 4	6
<a href="#">CAPF390</a>	Major Performance Production (Capstone)	12
<b>Plus ONE of the following:</b>		
<a href="#">CAPF331</a>	Theory and Practice of Theatre in the 20th and 21st Century	6
<a href="#">CAPF333</a>	Theatre, Politics and Spectatorship	6

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

Bachelor of Performance students may apply via their Course Coordinator to enrol into the Creative Arts Internship subject, CACS302. The Faculty offers a limited number of industry placements each year. These offer students hands-on experience in cultural organisations that have agreed to partner with the Faculty on this initiative. Typically students will spend a minimum of 60 hours in an organisation, working on an agreed project from their major study area, with exposure to a fully operational professional environment. These hours can be undertaken on a daily basis or as a single block as negotiated with the host organisation. Students are selected for this opportunity on the basis of both strong academic achievement and through application and interview.

In their third year Bachelor of Performance students will undertake a major project in their chosen discipline continuing to build student experience, expertise and maturity, working with a range of methodologies and processes in a context that simulates professional working conditions.

Third year students may choose to take an additional history/theory subject, particularly if they are interested in Honours or teaching, however, they also have the option of enrolling in [CAC301](#), the Professional Practice subject. In this subject, students will map professional and career pathways in the context of both individual artistic practice and the creative and cultural industries. It will develop an understanding of arts infrastructure, including government agencies, the commercial and the not-for-profit sector. Fundamental professional avenues of support such as legal advisory services and funding structures will be introduced as well as individual portfolios and curriculum vitae, project and funding submission development and making presentations. Students will undertake an individual research assignment into an aspect of the arts that fits with their career ambitions. The subject will be delivered in partnership with key arts and cultural organisations.

## Other Information

Creative Arts may apply quotas to subjects to ensure optimal class sizes.

Further information is available via email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 2 October, 2018

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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Performance (Dean's Scholar) | 2019

Testamur Title of Degree:	Bachelor of Performance (Dean's Scholar)
Abbreviation:	BPerf(Dean'sSchol)
UOW Course Code:	352
CRICOS Code:	083965D
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 754810



## Overview

The Bachelor of Performance at UOW is a specialist course that will develop you as a self-reliant, highly skilled performing artist through a practice-based program. You will learn to apply practical skills and theoretical knowledge to contemporary performance as well as learn the techniques, strategies and processes of modern theatre-making in a range of contexts, whether in regional or metropolitan settings, or for children, young people and adults.

If you are a high-achieving and motivated student, the Dean's Scholar program will give you an enriched educational experience. The program includes a member of academic staff to advise you on matters concerned with your degree, as well as an annual book allowance, and designated study space. You will produce a major self-directed research project as a capstone to your degree in the final year of study.

The performing arts offers a wide variety of roles and occupations from acting, singing, directing and performance-making to producing and presenting, technical production, lighting and sound design, stage management and audiovisual design. The performing arts form part of the creative industries sector; a \$32 billion dollar industry that is one of the fastest growing sectors in the world.

## Dean's Scholars Degrees

Dean's Scholars have the opportunity to attempt subjects not normally available to first-year students. They may be granted exemption from certain first-year subjects and may be permitted extended subject loads, enabling them to complete the degree in less than the normal time and enter Honours in their third year.

Dean's Scholar students benefit from:

- Access to shared study and workspace;
- Yearly text book/resource allowance for full time students;
- Limited printing privileges;
- Specialised subject [LHA 102](#) Dean's Scholars Seminar;
- Opportunities to attend academic and higher degree research workshops and seminars.
- On successful completion of this degree, students will be guaranteed admission to Honours.

Dean's Scholars are able to use the University's student exchange program to undertake a period of study overseas. Several Dean's Scholars have competed successfully for places in the Australian National Internship Program or the University Capitol Washington Internship Program, which places students in political offices in Canberra or Washington D.C. respectively.

To remain in the program, students must maintain an average of 75% in each

year of study. If the student's average falls below 75%, the student will be transferred into the Bachelor of Performance degree.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Demonstrate skills and professional practices required of an actor or performer
2	Integrate and apply practical skills and theoretical knowledge to contemporary performance
3	Appraise and reflect critically on contemporary performance and its social, historical and political context
4	Develop and apply techniques, strategies and processes of contemporary theatre-making
5	Communicate practical and conceptual ideas effectively and appropriately to a range of audiences and communities
6	Formulate, propose and produce new work
7	Independently plan and execute a research or professional based project that demonstrates a scholarly approach to creative practice
8	Evaluate social and ethical principles relevant to creative arts practice and its role in the wider community

## Course Structure

To qualify for award of the degree, the Bachelor of Performance (Dean's Scholar), a candidate must successfully complete at least 144 credit points, comprised of:

1. Core subjects outlined below (138 credit points);
2. One 6 credit point elective subject.

Notes:

- No more than 60 credit points at 100 level.

- Students must achieve a clear pass in the core 300 level subjects.
- Average mark of 75% or better must be maintained.

Subject Code	Subject Name	Credit Points
<b>Year 1</b>		
CACSI01	Contemporary Creative Practice	6
CAPF101	Performance Skills 1: Acting, Movement, Singing, Voice	6
CAPF111	Stagecraft 1	6
CACSI02	Critical Frameworks in Creative Practice	6
CAPF102	Performance Skills 2: Acting, Movement, Singing, Voice	6
CAPF112	Stagecraft 2	6
LHA 102	Dean's Scholars Seminar	6
<b>Plus one 6 credit point elective subject.</b>		
<b>Year 2</b>		
CAPF201	Performance Skills 3: Acting, Movement, Singing, Voice	6
CAPF211	Performance Production 1	6
CAPF215	Scene-work 1: Engaging with Text	6
CAPF231	Contemporary Theatre and Text	6
CAPF202	Performance Skills 4: Acting, Movement, Singing, Voice	6
CAPF212	Performance Production 2	6
CAPF216	Scene-work 2: Form and Genre	6
CAPF232	Contemporary Australian Theatre and its Context	6
<b>Year 3</b>		

<a href="#">CAPF301</a>	Performance Skills 5: Acting, Movement, Singing, Voice	6
<a href="#">CAPF311</a>	Performance Production 3	6
<a href="#">CAPF315</a>	Scene-work 3	6
<a href="#">CAPF316</a>	Scene-work 4	6
<a href="#">CAPF390</a>	Major Performance Production	12
<a href="#">CAC332</a>	Dean's Scholars Contemporary Theory and Research Practice	6
<b>Plus ONE of the following:</b>		
<a href="#">CAPF331</a>	Theory and Practice of Theatre in the 20th and 21st Century	6
<a href="#">CAPF333</a>	Theatre, Politics and Spectatorship	6

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

Bachelor of Performance students may apply via their Course Coordinator to enrol into the Creative Arts Internship subject, CACS302. The Faculty offers a limited number of industry placements each year. These offer students hands-on experience in cultural organisations that have agreed to partner with the Faculty on this initiative. Typically students will spend a minimum of 60 hours in an organisation, working on an agreed project from their major study area, with exposure to a fully operational professional environment. These hours can be undertaken on a daily basis or as a single block as negotiated with the host organisation. Students are selected for this opportunity on the basis of both strong academic achievement and through application and interview.

In their third year students will undertake a major project in their chosen discipline continuing to build student experience, expertise and maturity, working with a range of methodologies and processes in a context that

simulates professional working conditions.

Third year students may choose to take an additional history/theory subject, particularly if they are interested in Honours or teaching, however, they also have the option of enrolling in [CAC3301](#), the Professional Practice subject. In this subject, students will map professional and career pathways in the context of both individual artistic practice and the creative and cultural industries. It will develop an understanding of arts infrastructure, including government agencies, the commercial and the not-for-profit sector. Fundamental professional avenues of support such as legal advisory services and funding structures will be introduced as well as individual portfolios and curriculum vitae, project and funding submission development and making presentations. Students will undertake an individual research assignment into an aspect of the arts that fits with their career ambitions. The subject will be delivered in partnership with key arts and cultural organisations.

## Other Information

To remain in the program, students must maintain an average of 75% in each year of study. If the student's average falls below 75%, the student will be transferred into the Bachelor of Performance degree.

Creative Arts may apply subject quotas to ensure optimal class sizes.

Further information is available via email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 20 March, 2019

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Politics, Philosophy and Economics | 2019

Testamur Title of Degree:	Bachelor of Politics, Philosophy and Economics
Abbreviation:	BPPE
UOW Course Code:	1870
CRICOS Code:	085659J
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn/Spring*
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 753115

\*Students eligible for credit transfer may begin in Summer Session if appropriate subjects are available.

## Overview

The Bachelor of Politics, Philosophy and Economics provides rigorous training in three interconnected areas that shape the world around us. You will learn to understand the complex interactions between economic and political factors that affect policy and decision-making in contexts ranging from local communities to international organisations. You will develop skills in political understanding, critical thinking, and economic analysis that are essential for careers in politics and government, entrepreneurship, international development, public service, and many other areas.

The program of study includes core subjects in Politics, Philosophy, and Economics, plus a Major study focusing on a more extensive set of subjects within one of those three areas. A Capstone subject integrates key components from all three disciplines into a coherent package, allowing you to apply your understanding of complex problems to real world scenarios.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Identify and evaluate key methods and concepts in the academic disciplines of Politics, Philosophy and Economics
2	Demonstrate knowledge of the relationships between the disciplines of Politics, Philosophy and Economics and the points at which their key methods and concepts diverge
3	Apply the theories of each discipline to analysis of practical questions and problems
4	Communicate ideas and arguments related to Politics, Philosophy and Economics with diverse audiences and communities
5	Understand, interpret and apply qualitative and quantitative social



science research methods in the investigation of political, philosophical and economics issues

## Course Structure

To qualify for award of the degree, the Bachelor of Politics, Philosophy and Economics, a candidate must successfully complete at least 144 credit points, comprised of:

1. The core subjects for the Bachelor of Politics, Philosophy and Economics as outlined below (84 credit points);
2. Subjects to complete at least one of the three majors: [Politics](#), [Philosophy](#), or [Economics](#) (30 credit points);
3. Elective subjects to bring the total number of credit points completed to 144.

Note: Students may wish to use their electives to complete a second major.

### Bachelor of Politics, Philosophy, and Economics Core

Subject Code	Subject Name	Credit Points
<b>Year 1</b>		
<a href="#">ECON100</a>	Economic Essentials for Business	6
<a href="#">ECON102</a>	Economics and Society	6
<a href="#">PHIL107</a>	Introduction to Philosophy	6
<a href="#">POL 150</a>	Government, Power and Political Systems	6
<b>Year 2</b>		
<a href="#">PHIL218</a>	Ethics: Good, Bad and Evil	6
<a href="#">PHIL219</a>	Knowledge, Science and Understanding	6
<a href="#">POL 201</a>	Key Concepts and Thinkers in Political Theory	6
<a href="#">POL 221</a>	Australian Politics	6
<b>Plus a minimum of ONE from the following:</b>		
<a href="#">ECON205</a>	Macroeconomic Theory and Policy	6

<a href="#">ECON215</a>	Microeconomic Theory and Policy	6
<b>Year 3</b>		
<a href="#">ECON305</a>	Economic Policy	6
<a href="#">PHIL319</a>	Political Philosophy: Justice, Equality and Rights	6
<a href="#">POL 304</a>	Power and the State	6
<a href="#">PPE 300</a>	Critical Issues in Politics, Philosophy and Economics (Capstone)	12

Click on subject codes in the above table for information on sessions of offer for each subject. To find out specific information on timetables, tutorials and classes, visit the [Timetable page](#).

## Politics

Through the study of Politics, you will learn the foundations of political theory, the impact of public policy, and the structure and history of politics in Australia. You will learn how political considerations affect international relations and the specific problems that arise in the politics of developing countries. You will also study the role of culture and media in politics, allowing you to situate your understanding in a broader social context.

### Subjects Required for Major Study

To qualify for a major study in Politics, students must complete 30 credit points as outlined below.

\*Note that a maximum of 12 credit points from INDS, INTS and STS subjects can count towards the 30 credit points of the Politics major.

Subject Code	Subject Name	Credit Points
<b>Year 1 - A minimum of ONE from the following:</b>		
<a href="#">COMM121</a>	Statistics for Business	6
<a href="#">PHIL151</a>	Logic: The Art of Reasoning	6
<b>Year 2 - a minimum of TWO from the following:</b>		

INDS208	*Working with Indigenous Communities	6
INTS200	*Model United Nations	6
INTS204	*Global Aid and Development: Challenges and Prospects	6
INTS207	*Conflict, Peace & Security	6
POL 202	Politics in the USA	6
POL 204	Politics and the Media	6
<b>Year 3 - A minimum of 12 credit points from the following:</b>		
POL 306	Complex Peace Operations	6
POL 308	The Politics of Asian Development	6
POL 309	Global Political Economy	6
POL 310	Twentieth Century Dictatorships	6
POL 311	Politics of the Middle East	6
POL 326	Global Inequality	6
POL 327	Culture and Politics	6
POL 328	Special Topics in Politics	6
POL 345	Politics Internship	6
POL 346	Australian National Internship Program	12
POL 347	Uni-Capitol Washington Internship Program	12
STS302	*Climate Change Policy, Possible Futures	6

Click on subject codes in the above table for information on sessions of offer for each subject. To find out specific information on timetables, tutorials and classes, visit the [Timetable page](#).

## Philosophy

Studying Philosophy will develop your skills in critical thinking and logical analysis. You will learn how distinct ways of understanding concepts such as justice, fairness, and human rights depend on different assumptions regarding knowledge, ethics, and the nature of mind and the self. You will also learn how fundamental philosophical problems relate to serious practical issues in areas such as mental health, bioethics and climate change.

## Subjects Required Major Study

To qualify for a major study in Philosophy, students must complete at least 30 credit points outlined below:

Subject Code	Subject Name	Credit Points
<b>Year 1</b>		
PHIL151	Logic: The Art of Reasoning	6
<b>Year 2 - A minimum of ONE from the following:</b>		
PHIL227	The Meaning of Life: Absurdity and Existence	6
PHIL234	Philosophy of Mind: Mind, Body and World	6
<b>Plus a minimum of ONE from the following:</b>		
PHIL226	Global Ethics	6
PHIL256	Environmental Philosophy: Animals, Nature and Ethics	6
<b>Year 3</b>		
PHIL326	Bioethics	6
<b>Plus a minimum of TWO from the following:</b>		
PHIL318	Stories in Our Lives: Mind, Self and Psychosis	6
PHIL320	Philosophy of Medicine: Health and Happiness	6

PHIL329	Imagination and Emotion	6
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Click on subject codes in the above table for information on sessions of offer for each subject. To find out specific information on timetables, tutorials and classes, visit the [Timetable page](#).

## Economics

Economics includes three components: macroeconomics, microeconomics, and quantitative methods. Through these, you will learn to interpret complex economic ideas and assess economic factors that arise in a wide variety of contexts. You will acquire formal skills that are essential in business and financial modelling, and you will study economic history, ensuring that your skills are informed by a broader context.

### Subjects Required for Major Study

To qualify for a major study in Economics, students will complete at least 30 credit points as outlined below.

\* Students electing to do a major in Economics must complete both [ECON205](#) and ECON215. Students will have completed one of these subjects as part of the core requirements for the BPPE. As a requirement of the major, they will need to complete the subject they have not yet undertaken.

Subject Code	Subject Name	Credit Points
<b>Year 1</b>		
<a href="#">COMM121</a>	Statistics for Business	6
<b>Year 2</b>		
<a href="#">ECON222</a>	Mathematics for Business	6
<b>Plus ONE subject from below (whichever has not already been taken as part of the BPPE core)*:</b>		
<a href="#">ECON205</a>	Macroeconomic Theory and Policy	6
<a href="#">ECON215</a>	Microeconomic Theory and Policy	6
<b>Year 3</b>		

<a href="#">ECON339</a>	Applied Financial Modelling	6
<b>Plus a minimum of ONE from the following:</b>		
<a href="#">ECON304</a>	The Historical Foundations of the Modern Australian Economy	6
<a href="#">ECON316</a>	History of Economic Thought	6

Click on subject codes in the above table for information on sessions of offer for each subject. To find out specific information on timetables, tutorials and classes, visit the [Timetable page](#).

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

Students in the Politics Major can apply to the Discipline Leader to complete an Internship under the subjects [POL 345](#), [POL 346](#), or [POL 347](#).

- [POL 345](#), Politics Internship, enables students to undertake internships in relevant political offices in the Illawarra or Sydney attached to the office of an elected politician, or working within a part of government bureaucracy. Students will undertake duties as directed by their supervisor in that institution.
- [POL 346](#), Australian National Internship Program (ANIP), is highly competitive and by application to the ANU. If selected students will undertake two months or more full-time work in as a parliamentary intern based in the offices of Members of Parliament and Senators and engaging with a range of activities that shape national policy-making. Placements in the Public Service or other agencies are also possible. Enrolment in POL346 is conditional on being selected for the ANIP.
- [POL 347](#), Uni-Capitol Washington Internship Program (UCWIP), provides interns with a unique perspective of the US political system and institutions over a two-month placement. In-office experiences will vary widely according to the needs of the congressional hosts but will typically include administrative functions, constituent liaison and legislative research and support. Interns are encouraged to attend hearings, briefings and press conferences both on and off Capitol Hill in addition to the UCWIP-organised briefings at the US State Department and the Australian Embassy.

For students in other majors, The [Faculty of Law, Humanities and the Arts internship program](#) provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Students are also encouraged to consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship

or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Honours

Honours is a fourth year of study that provides training in independent research. Students who complete the single degree with the required academic standard are encouraged to proceed to the [Bachelor of Politics, Philosophy, and Economics \(Honours\)](#). Please refer to the handbook page for further information about the degree and entry requirements.

For Honours in Economics please see the [Discipline Leader, Economics](#), by the end of your second year.

## Other Information

Further information is available via email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 29 December, 2018

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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Politics, Philosophy and Economics (Dean's Scholar) | 2019

Testamur Title of Degree:	Bachelor of Politics, Philosophy and Economics (Dean's Scholar)
Abbreviation:	BPPE(Dean'sSchol)
UOW Course Code:	1871
CRICOS Code:	085658K
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn/Spring*
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 753116

\* Students eligible for credit transfer may begin in Summer Session if appropriate subjects are available.

## Overview

If you are a high-achieving and motivated student, the Dean's Scholar program will give you an enriched educational experience. The program includes a member of academic staff to advise you on matters concerned with your degree, as well as an annual book allowance, and designated study space. You will produce a major self-directed research project as a capstone to your degree in the final year of study.

The Bachelor of Politics, Philosophy and Economics provides rigorous training in three interconnected areas that shape the world around us. You will learn to understand the complex interactions between economic and political factors that affect policy and decision-making in contexts ranging from local communities to international organisations. You will develop skills in political understanding, critical thinking, and economic analysis that are essential for careers in politics and government, entrepreneurship, international development, public service, and many other areas.

## Dean's Scholar Degrees

Dean's Scholars have the opportunity to attempt subjects not normally available to first-year students. They may be granted exemption from certain first-year subjects and may be permitted extended subject loads, enabling them to complete the degree in less than the normal time and enter Honours in their third year.

Dean's Scholar students benefit from:

- Access to shared study and workspace;
- Yearly text book/resource allowance for full time students;
- Limited printing privileges;
- Specialised subject [PPE 302](#) Dean's Scholars Politics, Philosophy, and Economics Applied Research Project;
- Opportunities to attend academic and higher degree research workshops and seminars.
- On successful completion of this degree, students will be guaranteed admission to Honours.

Dean's Scholars are able to use the University's student exchange program to undertake a period of study overseas. Several Dean's Scholars have competed successfully for places in the Australian National Internship Program or the University Capitol Washington Internship Program, which places students in political offices in Canberra or Washington D.C. respectively.

To remain in the program, students must maintain an average of 75% in each year of study. If the student's average falls below 75%, the student will be

transferred into the Bachelor of Politics, Philosophy, and Economics degree.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Identify and evaluate key methods and concepts in the academic disciplines of Politics, Philosophy and Economics
2	Demonstrate knowledge of the relationships between the disciplines of Politics, Philosophy and Economics and the points at which their key methods and concepts diverge
3	Apply the theories of each discipline to analysis of practical questions and problems
4	Communicate ideas and arguments related to Politics, Philosophy and Economics with diverse audiences and communities
5	Understand, interpret and apply qualitative and quantitative social science research methods in the investigation of political, philosophical and economics issues
6	Independently plan and execute a research or professional based project that demonstrates an understanding and critical analysis of the three disciplines of Politics, Philosophy and Economics

## Course Structure

To qualify for award of the degree, the Bachelor of Politics, Philosophy and Economics (Dean's Scholar), a candidate must successfully complete at least 144 credit points, comprised of:

1. The core requirements of the [Bachelor of Politics, Philosophy and Economics](#) (84 credit points);
2. At least one of the three majors for the [Bachelor of Politics, Philosophy and Economics](#) (30 credit points);
3. [PPE 302](#) - Dean's Scholars Politics, Phil and Econ Applied Research Project (12 credit points)
4. Electives to bring the total number of credit points completed to 144.

Note: In addition to [PPE 302](#) Dean's Scholars Politics, Philosophy and Economics Applied Research Project, meetings and events will be held throughout the degree to provide students with opportunities to meet with practitioners of the three disciplines and to build their skills and knowledge in the disciplines.

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

Students in the Politics Major can apply to the Discipline Leader to complete an Internship under the subjects [POL 345](#), [POL 346](#), or [POL 347](#).

- [POL 345](#), Politics Internship, enables students to undertake internships in relevant political offices in the Illawarra or Sydney attached to the office of an elected politician, or working within a part of government bureaucracy. Students will undertake duties as directed by their supervisor in that institution.
- [POL 346](#), Australian National Internship Program (ANIP), is highly competitive and by application to the ANU. If selected students will undertake two months or more full-time work in as a parliamentary intern based in the offices of Members of Parliament and Senators and engaging with a range of activities that shape national policy-making. Placements in the Public Service or other agencies are also possible. Enrolment in [POL 346](#) is conditional on being selected for the ANIP.
- [POL 347](#), Uni-Capitol Washington Internship Program (UCWIP), provides interns with a unique perspective of the US political system and institutions over a two-month placement. In-office experiences will vary widely according to the needs of the congressional hosts but will typically include administrative functions, constituent liaison and legislative research and support. Interns are encouraged to attend hearings, briefings and press conferences both on and off Capitol Hill in addition to the UCWIP-organised briefings at the US State Department and the Australian Embassy.

For students in other majors, [The Faculty of Law, Humanities and the Arts internship program](#) provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Students are also encouraged to consider [CRLP200](#) (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Honours

Honours is a fourth year of study that provides training in independent research. Students who complete the single degree with the required academic standard are encouraged to proceed to the [Bachelor of Politics, Philosophy, and Economics \(Honours\)](#). Please refer to the Honours handbook page for further information about the degree and entry requirements.

## Other Information

To remain in the program, students must maintain an average of 75% in each year of study. If the student's average falls below 75%, the student will be transferred into the Bachelor of Politics, Philosophy, and Economics degree.

Further information is available via email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 20 March, 2019

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Politics, Philosophy and Economics (Honours)

Testamur Title of Degree:	Bachelor of Politics, Philosophy and Economics (Honours)
Abbreviation:	BPPE(Hons)
UOW Course Code:	389
CRICOS Code:	095777J
Total Credit Points:	48
Duration:	1 year full-time or part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong

## Overview

If you've excelled in your Bachelor of Politics, Philosophy and Economics degree, you should consider an Honours year to gain an in-depth understanding of a topic that interests you. The Honours research topics available are varied and negotiable: if you are passionate about a topic and want to find answers, you'll be encouraged and supported to do so.

Whatever your topic, being able to demonstrate your ability to achieve a complex goal, meet deadlines, investigate independently, use resources effectively and write coherently will be highly regarded by potential employers.

The Honours year has two functions at UOW; as an in-depth project at the end of undergraduate study, and as a bridge between undergraduate study and advanced research.

Studying Honours will:

- Teach you research skills, navigation skills and how to use information systems (archives, the library, databases and electronic research networks)
- Provide an opportunity to articulate complex ideas in both verbal and written format
- Provide the experience of working closely with a supervisor on a project and preparing a major project to meet a deadline
- Provide experience in devising, researching and delivering an individual topic of study in an extended thesis of approx. 15,000 words

## Areas of Study

An Honours year for the Bachelor of Politics, Philosophy and Economics is available in the following areas:

- Economics
- Philosophy
- Politics

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:



CLO	Description
1	Independently plan and execute a research-based project or piece of scholarship that demonstrates in-depth understanding and critical analysis of areas in the Humanities and a discipline specific area of Politics, Philosophy or Economics;
2	Demonstrate advanced theoretical knowledge and critically reflect on, synthesise and evaluate information, problems, concepts and theories;
3	Communicate a coherent and sustained argument, explaining and disseminating research results and conclusions;
4	Apply an advanced knowledge of research, research integrity, ethics and the rights and safety of others, to independently plan and execute a substantial piece of research.

## Course Structure

To qualify for award of the Bachelor of Politics, Philosophy, and Economics (Honours), a candidate must successfully complete at least 48 credit points.

The program consists of 50% coursework and 50% research work. The research component takes the form of a research thesis completed under the supervision of an academic.

### Full-time Study

Subject Code	Subject Name	Credit Points
<b>Both Subjects:</b>		
LHA 401	The Writer: Critic, Analyst, Voice	12
LHA 480	Thesis	24
<b>Plus ONE of the following, depending on your area of study:</b>		
PHIL470	Research Methods in Philosophy	12
PAIS470	Research in Politics and International Studies	12
*Economics subject		12

### Part-time Study



Subject Code	Subject Name	Credit Points
<b>All Three Subjects:</b>		
LHA 401	The Writer: Critic, Analyst, Voice	12
LHA 482	Thesis (part-time)	12
LHA 482	Thesis (part-time)	12
<b>Plus ONE of the following, depending on your area of study:</b>		
PHIL470	Research Methods in Philosophy	12
PAIS470	Research in Politics and International Studies	12
*Economics subject		12

\*For Honours in Economics, please contact the [Faculty of Business](#) to discuss an appropriate Economics subject and study plan.

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Honours Information

The Faculty of Law, Humanities and the Arts Honours Guide provides detailed information on all Honours courses and can be accessed from the [LHA Honours Programs](#) page.

Students are advised to refer to the University of Wollongong's [Code of Practice - Honours](#).

Honours Grades are calculated in accordance with the University's [University's General Course Rules](#).

## Other Information

Further information is available via email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

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# 2019 Undergraduate Courses

Home

□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Politics, Philosophy and Economics - Bachelor of Laws | 2019

Testamur Title of Degree:	Bachelor of Politics, Philosophy and Economics - Bachelor of Laws
Abbreviation:	BPPE-LLB
UOW Course Code:	1704
CRICOS Code:	092339M
Total Credit Points:	264
Duration:	5.5 years full-time or *part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn / Spring**
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 751217

\*Students interested in studying this degree part-time should consult with the Law Head of Students by contacting [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au).

\*\*Students commencing in Spring will undertake their first session in the Bachelor of Politics, Philosophy, and Economics, before completing their first year of Law in their second year of enrolment.

## Overview

A Bachelor of Politics, Philosophy and Economics - Bachelor of Laws from UOW equips you with a comprehensive legal education: a world-class degree that provides a thorough grounding in the law, as well as a real-world focus on the essential practical skills and the social and ethical context in which the law operates.

Combining Law with a Politics, Philosophy and Economics will teach you how to interpret complex economic ideas and understand the basis of political organisations and policy making. We examine popular national and international movements, systems of government and ethical forms of behaviour so that you will learn the political, ethical and economic perspectives needed to make a difference in our contemporary society.

We believe that practical experience is a vital part of your legal training. We are the only law school in New South Wales that requires you to complete a legal internship, providing highly valued industry experience.

We are committed to social justice and providing a legal education that engages with the complexities of law's intersection with society.

This double degree delivers a practical and contextual legal education that prepares graduates not only for traditional careers in the legal profession but also for a wide range of careers in government, business and community organisations – as leaders, innovators and problem solvers.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

The outcomes, which are common and consolidated in this joint degree, ensure that on successful completion of the course students will be able to:

CLO	Description
1	Develop an understanding of the political, philosophical and economic factors affecting the Australian legal system;
2	Integrate theories from Politics, Philosophy and Economics to enhance the ability to recognise and resolve ethical problems in legal decision-making;
3	Assess the specific political, philosophical and economic dimensions to the impacts of law;
4	Investigate and respond to issues at the intersection of politics, philosophy, economics and law by integrating a diverse range of research methods.

Please refer to the [Course Handbook](#) page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

To qualify for award of the degree, the Bachelor of Politics, Philosophy and Economics - Bachelor of Laws, a candidate must successfully complete at least 264 credit points, comprised of:

1. All compulsory Law subjects as set out in the schedule below (114 credit points);
2. 30 credit points of electives from the [Bachelor of Laws \(Graduate Entry\)](#) elective list;
3. The core subjects for the [Bachelor of Politics, Philosophy and Economics](#) (84 credit points);
4. At least one of the three majors in the [Bachelor of Politics, Philosophy and Economics](#) (30 Credit Points);
5. One additional subject from electives offered within the Faculty of Law, Humanities and the Arts, to bring the total number of credit points completed up to 264.

Note: Where any subjects have the prefix LAW, the equivalent Bachelor of Laws subjects (LLB) must be substituted.

Subject Code	Subject Name	Credit Points
<b>Year 1</b>		
<a href="#">LLB1100</a>	Foundations of Law	6
<a href="#">LLB1115</a>	Legal Skills	6
<a href="#">LLB1120</a>	Law of Contract A	6

LLB1130	Criminal Law and Procedure A	6
LLB1160	Interpreting the Law	6
LLB1170	Law of Contract B	6
LLB1180	Criminal Law and Procedure B	6
LLB1197	Legal Ethics & Professional Responsibility	6
<b>Year 2</b>		
LLB2220	Property Law	6
LLB2230	Administrative Law	6
LLB2270	Equity and Trusts	6
LLB2280	Constitutional Law	6
Subjects from the Bachelor of Politics, Philosophy and Economics		
<b>Year 3</b>		
LLB2225	Advanced Legal Skills	6
LLB2240	Law of Torts	6
LLB2290	Jurisprudence	6
LLB3397	Legal Internship	3
1 LLB Elective		
Subjects from the Bachelor of Politics, Philosophy and Economics		
<b>Year 4</b>		
LLB3300	Remedies and Civil Procedure	6
LLB3301	Evidence	6
LLB3302	Law of Business Organisations	6
1 LLB Elective		

Subjects from the Bachelor of Politics, Philosophy and Economics		
<b>Year 5</b>		
3 LLB Electives		
<a href="#">LLB3399</a>	Law, Justice and Professional Practice	3
Subjects from the Bachelor of Politics, Philosophy and Economics		

### Part-time Study

A student is considered part-time when they are enrolled in less than 75% of the standard load for a session. If you are seeking to complete your undergraduate law degree part-time, you are required to complete a minimum of 12 credit points (2 subjects) per session. Please refer to the [Recommended Study Sequence](#) for information.

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Majors

As part of the [Bachelor of Politics, Philosophy, and Economics](#), students will choose one major as outlined on the Course Handbook Page.

## Compulsory Work Placement / Online Components

This course contains a total of 140 hours over 4 weeks of compulsory work-based placements. This course may also contain compulsory components to be completed online.

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

Law students will complete a Legal Internship subject (LLB3397). This subject is the vehicle for a practical placement designed to expose students to the application of the law in practice; enable students to understand the importance of developing the skills of legal research; communication, drafting, practice management and problem solving; and enable students to

observe and reflect upon the values, ethical standards and conduct of the legal profession in practice.

## Work Integrated Learning

Students in the Politics Major can apply to the Discipline Leader to complete an Internship under the subjects [POL 345](#), [POL 346](#), or [POL 347](#).

- [POL 345](#), Politics Internship, enables students to undertake internships in relevant political offices in the Illawarra or Sydney attached to the office of an elected politician, or working within a part of government bureaucracy. Students will undertake duties as directed by their supervisor in that institution.
- [POL 346](#), Australian National Internship Program (ANIP), is highly competitive and by application to the ANU. If selected students will undertake two months or more full-time work in as a parliamentary intern based in the offices of Members of Parliament and Senators and engaging with a range of activities that shape national policy-making. Placements in the Public Service or other agencies are also possible. Enrolment in POL346 is conditional on being selected for the ANIP.
- [POL 347](#), Uni-Capitol Washington Internship Program (UCWIP), provides interns with a unique perspective of the US political system and institutions over a two-month placement. In-office experiences will vary widely according to the needs of the congressional hosts but will typically include administrative functions, constituent liaison and legislative research and support. Interns are encouraged to attend hearings, briefings and press conferences both on and off Capitol Hill in addition to the UCWIP-organised briefings at the US State Department and the Australian Embassy.

For students in other majors, [The Faculty of Law, Humanities and the Arts internship program](#) provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Students are also encouraged to consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Law Professional Recognition/ Accreditation

The UOW Bachelor of Laws (single LLB or in combination with another degree) is accredited by the Legal Profession Admission Board (LPAB) as satisfying the academic requirements necessary for admission to practice as a lawyer. On completion of the Bachelor of Laws, a student who wishes to practise as a barrister or solicitor must also undertake some form of professional practical training, the requirements for which vary between each state and territory of Australia.



In New South Wales, a student who intends to qualify for admission to practise as a legal practitioner is required to undertake a practical legal training (PLT) course accredited by the LPAB, followed by or incorporating a period of practical experience in a law-related setting. Practical experience gained by students in [LLB3397 Legal Internship](#) may be counted towards this practical experience requirement (eg ANU and College of Law will recognise days completed as part of LLB3397). Graduates should check with their PLT provider. A list of LPAB accredited PLT courses can be found on the [LPAB website](#).

Students who intend to practise as lawyers after admission should obtain further information about restricted practice and the mandatory continuing legal education requirements from the Law Society of New South Wales. Students who intend to practise as barristers after admission will be required to read with a senior barrister for a period of time and to undertake the Bar Readers' Course before being qualified to take briefs on their own account. Further information is available from the [New South Wales Bar Association](#).

## Honours

### Laws

High achieving students enrolled in this double degree may consult with the [Honours Coordinator in Law](#) regarding the possibility of transferring into an [Honours Law](#) degree.

A student who successfully transfers into an Honours program but does not meet the minimum performance standards required for the award of Honours will be permitted to transfer back to the double degree in which they were enrolled immediately prior to the transfer into the Honours course, and will be awarded credit for the number of credit points passed in the Honours degree.

### Politics, Philosophy, and Economics

Students seeking to pursue an Honours degree in Politics, Philosophy, and Economics should refer to the [Bachelor of Politics, Philosophy, and Economics \(Honours\)](#) Course Handbook Page.

## Other Information

Further information is available via email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

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# 2019 Undergraduate Courses

Home

Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Pre-Medicine, Science and Health | 2019

Testamur Title of Degree:	Bachelor of Pre-Medicine, Science and Health
Abbreviation:	BPreMedSchHlth
UOW Course Code:	363
CRICOS Code:	086246M
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Science, Medicine and Health
Intake Session(s):	Autumn
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong/757500

## Overview

The Bachelor of Pre-Medicine, Science and Health is a 3-year degree that provides a solid foundation for those students aspiring to undertake postgraduate study or professional practice in medicine or other health or science related fields. The course aims to prepare students to be competitive to study postgraduate medicine. **However, it is recognised that not every student will articulate straight into a postgraduate medicine degree;** as such the course will expose students to a range of pathways to further postgraduate education and professional practice opportunities.

The course is structured to provide foundational knowledge and skills in health and the sciences with core subjects in anatomy, physiology, biochemistry, pharmacology and organic chemistry. The core subjects are linked later in the course with a range of focused specialisations that enable students to gain a major in Biomedical Research, Exercise Science, Medical Science, Molecular Medicine or Nutrition.

Students can also select a [minor](#) from the general schedule of such Informatics, Physics, Indigenous Studies or Psychology.

## Entry Requirements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Evaluate and review critically broad and coherent knowledge in the principles and concepts associated with evidence-based medical science and health practice and research.
2	Recognise and respond to the principles and concepts associated with professional practice (including legal and ethical practice).
3	Critically review, analyse, interpret, synthesise and create information
4	Exercise critical thinking, reflective practice and independent problem solving.
5	Communicate concepts and ideas clearly and coherently to others
6	Demonstrate skills in working effectively in interdisciplinary teams

7	Apply knowledge of the principles and concepts associated with medical related scientific research
8	Evaluate how medicine, science and health knowledge and skills can be applied in professional practice.

## Course Structure

To qualify for award of the degree, the Bachelor of Pre-Medicine, Science and Health, a candidate must successfully complete at least 144 credit points.

### Please note:

- **Students completing a minor in Health Informatics or Medical Radiation Physics can complete no more than 72 credit points at 100-level. All other students can complete no more than 60 credit points at 100-level.**
- Students wishing to complete double majors within the course should contact the Course Coordinator.
- The major and minor pages include the common core second and third year subjects within the course structure.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn</b>			
<a href="#">MEDI150</a>	Fundamental Concepts in Food and Nutrition	6	Autumn
<a href="#">MEDI111</a>	Introduction to Anatomy and Physiology I	6	Autumn
<b>Select one of the following two subjects:</b>			
<b>Note: Students who have achieved a mark of 65% or more in NSW HSC Chemistry or equivalent must select <a href="#">CHEM101</a> and <a href="#">CHEM102</a>. All other students must select <a href="#">CHEM104</a>, <a href="#">CHEM105</a> and <a href="#">CHEM106</a>. Please note, <a href="#">CHEM106</a> is only offered in Summer Session.</b>			
<a href="#">CHEM101</a>	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
<b>OR</b>			
<a href="#">CHEM104</a>	Foundation Chemistry: Properties of Matter	6	Autumn
<b>Plus one subject from the following list;</b>			
<a href="#">HAS 130</a>	Social Determinants of Health	6	Autumn
<a href="#">INDS150</a>	Introduction to Indigenous Australia	6	Autumn

MATH187	Mathematics 1: Algebra and Differential Calculus	6	Autumn
MGNT208	Introduction to Management for Professionals A	6	Autumn
PHYS141	Fundamentals of Physics A	6	Autumn
PSYC101	Introduction to Behavioural Science	6	Autumn, Summer 2020/2021
STS 112	Changing Perceptions of Nature	6	Autumn
MEDI160	Scientific Literacy	6	Autumn
<b>Or other subject approved by the Course Coordinator</b>			
<b>* PSYC101 is recommended for the Exercise Science and Nutrition majors.</b>			
<b>^ MATH187 is compulsory for the Medical Radiation Physics minor.</b>			
<b>Spring</b>			
BIOL103	Molecules, Cells and Organisms	6	Spring
MEDI112	Introduction to Anatomy and Physiology II	6	Spring
MEDI128	Reasoning in Medical Ethics and Physical Sciences	6	Spring
<b>Select one of the following subjects:</b>			
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
<b>OR</b>			
CHEM105	Foundation Chemistry: Reactions and Structures	6	Spring
<b>Summer</b>			
CHEM106	Foundation Chemistry: Properties and Reactivity of Matter	6	Summer 2020/2021
<b>Year 2</b>			
<b>Autumn</b>			
BIOL213	Principles of Biochemistry	6	Autumn
CHEM212	Organic Chemistry II	6	Autumn
MEDI211	Control Mechanisms Physiology	6	Autumn

<b>Plus one subject in Autumn session from the chosen major/minor</b>			
<b>Spring</b>			
<a href="#">BIOL214</a>	The Biochemistry of Energy and Metabolism	6	Spring
<a href="#">BIOL215</a>	Introductory Genetics	6	Spring
<b>Plus two subjects in Spring session from the chosen major/minor</b>			
<b>Year 3</b>			
<b>Autumn</b>			
<a href="#">CHEM358</a>	Pharmacology	6	Autumn
<a href="#">BIOL340</a>	Cell and Molecular Biology	6	Autumn
<a href="#">MEDI381</a>	Molecular Basis of Human Disease	6	Autumn
<b>Plus one subject in Autumn session from the chosen major/minor</b>			
<b>Spring</b>			
<a href="#">BIOL341</a>	Immunity and Infection	6	Spring
<a href="#">MEDI382</a>	Nature and Nurture in Human Disease	6	Spring
<b>Plus two subjects in Spring Session from the chosen major/minor</b>			

## Major Study Areas

- [Biomedical Research](#)
- [Exercise Science](#)
- [Health Practice](#) (Suspended 2019)
- [Medical Science](#)
- [Molecular Medicine](#)
- [Nutrition](#)

## Minor Study Areas

- [Health Informatics](#)
- [Medical Radiation Physics](#)

## Honours

Students with a good academic record, particularly in their third year, are encouraged to consider an Honours year in the discipline of their major study. The Honours year is a fourth year of study that provides training in

independent research.

For further information contact the Course Director.

## Other Information

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

Last reviewed: 23 September, 2019

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# 2019 Undergraduate Courses

Home



**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Primary Education | 2019

Testamur Title of Degree:	Bachelor of Primary Education
Abbreviation:	BPrimEd
UOW Course Code:	371
CRICOS Code:	092683F
Total Credit Points:	192
Duration:	4 years full-time or part-time equivalent
Home Faculty:	Faculty of Social Sciences
Intake Session(s):	Autumn
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 755112

## Overview

The Bachelor of Primary Education is a 4 year accredited qualification preparing graduates for the rewarding role of being a primary school educator. The degree aims to develop reflective, professional teachers who can work effectively in an increasingly diverse classroom environment.

In addition to studying the subjects in the Australian curriculum, students will focus on areas such as Professional Studies, Aboriginal Education, Inclusive Education in Schools, and Teaching Linguistically and Culturally Diverse Students.

Professional Experience is a compulsory component of this course and usually occurs in Illawarra, Shoalhaven, Southern Highlands, and Southern and South Western Sydney schools. Students can also apply for 'out-of-area' (rural NSW) or overseas professional experiences.

Students who have achieved a high level of academic performance in the first three years of the degree may complete the fourth year at honours level.

Students who intend to study part-time should consult with the Academic Program Director at the time of enrolment for advice on progression and timetabling.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to:

CLO	Description
1	Demonstrate knowledge, understanding, empathy and respect for the linguistic, cultural, religious and socio-economic diversity of children, families and communities in contemporary Australia.
2	Demonstrate sophisticated knowledge and understanding of the complexity of child development and its impact on academic learning and development.
3	Demonstrate understanding of teaching as a collaborative profession involving productive relationships with parents and colleagues that is driven by ethical behaviour, professional learning, systematic reflection and deep understandings about a diversity of learners.

4	Demonstrate deep theoretical understanding and domain specific content knowledge for the six primary key learning areas as a foundation for effective teaching.
5	Demonstrate an understanding of teaching as a complex multi-faceted and ever-changing role that requires effective communication, organisation, resilience, empathy and adaptability to ensure all learners are engaged in expert, dynamic, and contemporary learning experiences.
6	Demonstrate contemporary pedagogies informed by theory, research and reflective practice that engage learners in safe, effective and appropriate learning experiences informed by rigorous and comprehensive assessment practices, and sensitive, timely and constructive feedback.
7	Demonstrate understanding of compliance requirements related to mandated curricula, professional accreditation and the implementation of legislated policy.

## Course Structure

The Bachelor of Primary Education requires the following:

- a. The successful completion of 192 credit points comprising:
  - i. 28 core subjects (174cp);
  - ii. 3 elective subjects (18cp); and
  - iii. No more than 60 credit points will be at 100 level.
- b. The successful completion of the Professional Experience components embedded in the course.
- c. Students must successfully complete 36 credit points from the Year 1 subjects to be eligible for the first Professional Experience and to enrol in Year 2 subjects. Students should also note that a number of subject pre-requisites will be in place throughout the course.
- d. To be eligible for the final Professional Experience, students must have passed all core subjects in the first three and a half years of their degree, successfully completed the Literacy and Numeracy Test (LANTITE) and be enrolled in any annual and final semester core subjects.
- e. Students must successfully complete all subject requirements, including the teaching performance assessment (UOW TPA) in [EDPD402](#), to be eligible to graduate.

Students may choose to complete the Mathematics and Numeracy in Education minor.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn Session</b>			

HAS 111	Essential Academic Skills	6	Autumn
EDLL101	Language and Learning	6	Autumn
EDMM101	Mathematics Foundations	6	Autumn
PSYS150	Foundations of Human Development and Behaviour	6	Autumn
<b>Spring Session</b>			
EDSC102	Science Content Knowledge for Educators	6	Spring
EDSO101	Education and Society	6	Spring
GEOG123	Indigenous Geographies: Questioning Country	6	Spring
Plus ONE of the following:			
EDPD100 *	Introduction to the Profession	6	Spring
HAS 121	Human Development in Social Context	6	Spring
MATH132 **	Unlocking Mathematical Tools for Primary Educators	6	Spring
<p>* This subject is only available to students who have three Band 5 scores in their HSC results, including one in English.</p> <p>** This subject is required for students who are seeking a NSW Mathematics/Numeracy specialisation.</p>			
<b>Year 2</b>			
<b>Autumn Session</b>			
EDPD201	Professional Development 1: The Learning Environment	6	Autumn
EDKL200	Language and Literacy 1: The Early Years	6	Autumn
EDKM201	Mathematics Content and Pedagogy 1	6	Autumn

EDKP201	Personal Development, Health & Physical Education Content & Pedagogy	6	Not available in 2019
<b>Spring Session</b>			
EDPD202	Professional Development: The Teacher as Managing Professional	6	Spring
EDKG202	History and Geography in Primary Schools	6	Spring
EDKM202	Mathematics Content and Pedagogy 2	6	Not available in 2019
EDKL202	Language and Literacy 2: Teaching the Constrained Skills in Context	6	Spring
<b>Year 3</b>			
<b>Autumn Session</b>			
EDPD301	Professional Development: The Teacher as Researcher	6	Autumn
EDSC301	K-6 Science and Technology: Curriculum and Pedagogy	6	Autumn
EDTA301	The Arts in Education	6	Not available in 2019
EDAE301	Aboriginal Education	6	Not available in 2019
<b>Spring Session</b>			
EDFE302	Education Foundations: Cognition & Communication in the Classroom	6	Spring
EDCM302	Classroom Management:	6	Not

	Creating Positive School Environments		available in 2019
<a href="#">EDLD302</a>	Teaching Culturally and Linguistically Diverse Students	6	Spring
<p>Plus ONE 6 credit point subject selected from the School of Education electives, or from the <a href="#">General Schedule</a>.</p> <p><i>Recommendations: <a href="#">EDEM302</a> is required for those seeking a NSW Mathematics/Numeracy specialisation, <a href="#">EDRM302</a> is required for those seeking admission into Honours.</i></p>			
<b>Year 4</b>			
<b>Autumn Session</b>			
<a href="#">EDPD401</a>	Professional Development 3: The Teacher as Planner	6	Autumn
<a href="#">EDKL401</a>	Language and Literacy 3: The Later Primary Years	6	Not available in 2019
<a href="#">EDLE401</a>	Inclusive Education in Schools	6	Not available in 2019
<a href="#">EDFE401</a>	Educational Foundations: Sociology and Cultural Studies of Education	6	Autumn
<b>Spring Session</b>			
<a href="#">EDPD402</a>	Professional Development 4: The Teacher as Reflective Practitioner	12	Spring
<a href="#">EDIT402</a>	Effective use of ICT for Teaching & Learning	6	Not available in 2019
<p>Plus ONE 6 credit point subject selected from the School of Education electives, or from the General Schedule.</p> <p><i>Recommendations: <a href="#">EDEM402</a> is required for those seeking a NSW Mathematics/Numeracy specialisation.</i></p>			

## Mathematics and Numeracy in Education Minor

Students have the option of completing the Mathematics and Numeracy in Education minor. This minor will offer students the opportunity to develop more comprehensive discipline and pedagogical knowledge, so they can facilitate enriched teaching practices in primary school classrooms. Subjects completed in this minor will count towards the NESA recognised Mathematics/Numeracy specialisation.

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">MATH132</a>	Unlocking Mathematical Tools for Primary Educators	6	Spring
<a href="#">EDKM202</a>	Mathematics Content and Pedagogy 2	6	Spring
<a href="#">EDEM302</a>	Mathematics Elective 1	6	Spring
<a href="#">EDEM402</a>	Quality Teaching in Mathematics	6	Spring

For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Compulsory Work Placement / Online Components

This course contains a total of 595 hours or approximately 85 days of compulsory work-based placements, completed over 25 weeks throughout the degree. This course may also contain compulsory components to be completed online.

## Dean's Scholar

A Dean's Scholar program is available for high achieving students. For further information refer to the [Bachelor of Primary Education \(Dean's Scholar\)](#).

## Honours

Students who have achieved a high level of academic performance in the first three years of the degree may complete the fourth year at honours level. For further information refer to the [Bachelor of Primary Education \(Honours\)](#).

## Professional Recognition/Accreditation

This degree is accredited and recognised as a national professional teaching qualification. All students will receive a national English/Literacy specialisation on successful completion of the program. A NSW specialisation in Mathematics/Numeracy is available to students with relevant interest and aptitude. Subjects required to qualify for the NSW Mathematics/Numeracy specialisation include: [EDMM101](#), [MATH132](#), [EDKM201](#), [EDKM202](#), [EDEM302](#) and [EDEM402](#). NSW Education Standards Authority (NESA) recognised teaching specialisations are applied to teacher registration documentation and may give candidates a competitive edge when applying for positions in government schools.

Students seeking work outside NSW or Australia are advised to check with potential employers and other teacher registration authorities for any additional requirements.

The University of Wollongong is committed to supporting students to meet the accreditation requirements to teach in Catholic Diocesan schools. Please contact your Academic Program Director for more information.

## Other Information

For further information email: [ssc@uow.edu.au](mailto:ssc@uow.edu.au)

Last reviewed: 1 August, 2019

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# 2019 Undergraduate Courses

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Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Primary Education (Dean's Scholar) | 2019

Testamur Title of Degree:	Bachelor of Primary Education (Dean's Scholar)
Abbreviation:	BPrimEd(Dean'sSchol)
UOW Course Code:	1897
CRICOS Code:	092684E
Total Credit Points:	192
Duration:	4 years full-time or part-time equivalent
Home Faculty:	Faculty of Social Sciences
Intake Session(s):	Autumn
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 755212

## Overview

The Bachelor of Primary Education (Dean's Scholar) is a program of advanced studies within a 4 year accredited primary teaching qualification for high achieving students.

In addition to studying the subjects in the Australian curriculum, students will focus on areas such as Professional Studies, Aboriginal Education, Inclusive Education in Schools, and Teaching Linguistically and Culturally Diverse Students.

Dean's Scholars will have access to an academic mentor, extended library privileges, invitations to attend School workshops and seminars, and networking events. There is also the opportunity for casual employment in the UOW Faculty of Social Sciences, community research, or projects supervised by leading practitioners or scholars for 15 hours per year.

Professional Experience is a compulsory component of this course and usually occurs in Illawarra, Shoalhaven, Southern Highlands, and Southern and South Western Sydney schools. Students can also apply for 'out-of-area' (rural NSW) or overseas professional experiences.

Students who have achieved a high level of academic performance in the first three years of the degree may complete the fourth year at honours level.

Students who intend to study part-time should consult with the Academic Program Director at the time of enrolment for advice on progression and timetabling.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to:

CLO	Description
1	Demonstrate knowledge, understanding, empathy and respect for the linguistic, cultural, religious and socio-economic diversity of children, families and communities in contemporary Australia.

2	Demonstrate sophisticated knowledge and understanding of the complexity of child development and its impact on academic learning and development.
3	Demonstrate understanding of teaching as a collaborative profession involving productive relationships with parents and colleagues that is driven by ethical behaviour, professional learning, systematic reflection and deep understandings about a diversity of learners.
4	Demonstrate deep theoretical understanding and domain specific content knowledge for the six primary key learning areas as a foundation for effective teaching.
5	Demonstrate an understanding of teaching as a complex multi-faceted and ever-changing role that requires effective communication, organisation, resilience, empathy and adaptability to ensure all learners are engaged in expert, dynamic, and contemporary learning experiences.
6	Demonstrate contemporary pedagogies informed by theory, research and reflective practice that engage learners in safe, effective and appropriate learning experiences informed by rigorous and comprehensive assessment practices, and sensitive, timely and constructive feedback.
7	Demonstrate understanding of compliance requirements related to mandated curricula, professional accreditation and the implementation of legislated policy.
8	Demonstrate analysis skills and reflective capacities in an area of study through the planning and execution of a research or professional-based project.

## Course Structure

The Bachelor of Primary Education (Dean's Scholar) requires the following:

- a. The successful completion of 192 credit points comprising:
  - i. 29 core subjects (180cp);
  - ii. 2 elective subjects (12cp); and
  - iii. No more than 60 credit points will be at 100 level.
- b. The successful completion of the Professional Experience components embedded in the course.
- c. Students must successfully complete 36 credit points from the Year 1 subjects to be eligible for the first Professional Experience and to enrol in Year 2 subjects. Students should also note that a number of subject pre-requisites will be in place throughout the course.
- d. To be eligible for the final Professional Experience, students must have passed all core subjects in the first three and a half years of their degree, successfully completed the Literacy and Numeracy Test (LANTITE) and be enrolled in any annual and final semester core subjects.
- e. Students must successfully complete all subject requirements, including

the teaching performance assessment (UOW TPA) in [EDPD402](#), to be eligible to graduate.

- f. Students must maintain a weighted average mark (WAM) of 80 in each year of enrolment, from and including Year 2, to remain enrolled in the Dean's Scholar program.

Students may choose to complete the Mathematics and Numeracy in Education minor.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn Session</b>			
<a href="#">HAS 111</a>	Essential Academic Skills	6	Autumn
<a href="#">EDLL101</a>	Language and Learning	6	Autumn
<a href="#">EDMM101</a>	Mathematics Foundations	6	Autumn
<a href="#">PSYS150</a>	Foundations of Human Development and Behaviour	6	Autumn
<b>Spring Session</b>			
<a href="#">EDSC102</a>	Science Content Knowledge for Educators	6	Spring
<a href="#">EDSO101</a>	Education and Society	6	Spring
<a href="#">GEOG123</a>	Indigenous Geographies: Questioning Country	6	Spring
Plus ONE of the following:			
<a href="#">EDPD100</a> *	Introduction to the Profession	6	Spring
<a href="#">HAS 121</a>	Human Development in Social Context	6	Spring
<a href="#">MATH132</a> **	Unlocking Mathematical Tools for Primary Educators	6	Spring
<p>* This subject is only available to students who have three Band 5 scores in their HSC results, including one in English.</p> <p>** This subject is required for students who are seeking a NSW</p>			

*Mathematics/Numeracy specialisation. Dean's Scholar students who wish to complete the NSW Mathematics/Numeracy specialisation will be required to negotiate an alternate plan with the Academic Program Director.*

## Year 2

### Autumn Session

<a href="#">EDPD201</a>	Professional Development 1: The Learning Environment	6	Autumn
<a href="#">EDKL200</a>	Language and Literacy 1: The Early Years	6	Autumn
<a href="#">EDKM201</a>	Mathematics Content and Pedagogy 1	6	Autumn
<a href="#">EDKP201</a>	Personal Development, Health & Physical Education Content & Pedagogy	6	Not available in 2019

### Spring Session

<a href="#">EDPD202</a>	Professional Development: The Teacher as Managing Professional	6	Spring
<a href="#">EDKG202</a>	History and Geography in Primary Schools	6	Spring
<a href="#">EDKM202</a>	Mathematics Content and Pedagogy 2	6	Not available in 2019
<a href="#">EDKL202</a>	Language and Literacy 2: Teaching the Constrained Skills in Context	6	Spring

## Year 3

### Autumn Session

<a href="#">EDPD301</a>	Professional Development: The Teacher as Researcher	6	Autumn
<a href="#">EDSC301</a>	K-6 Science and Technology:	6	Autumn

	Curriculum and Pedagogy		
EDTA301	The Arts in Education	6	Not available in 2019
EDAE301	Aboriginal Education	6	Not available in 2019
<b>Spring Session</b>			
EDFE302	Education Foundations: Cognition & Communication in the Classroom	6	Spring
EDCM302	Classroom Management: Creating Positive School Environments	6	Not available in 2019
EDLD302	Teaching Culturally and Linguistically Diverse Students	6	Spring
EDDS302	Dean's Scholars Project	6	Not available in 2019
<b>Year 4</b>			
<b>Autumn Session</b>			
EDPD401	Professional Development 3: The Teacher as Planner	6	Autumn
EDKL401	Language and Literacy 3: The Later Primary Years	6	Not available in 2019
EDLE401	Inclusive Education in Schools	6	Not available in 2019
EDFE401	Educational Foundations: Sociology and Cultural Studies of Education	6	Autumn
<b>Spring Session</b>			

EDPD402	Professional Development 4: The Teacher as Reflective Practitioner	12	Spring
EDIT402	Effective use of ICT for Teaching & Learning	6	Not available in 2019
Plus ONE 6 credit point subject selected from the School of Education electives, or from the <a href="#">General Schedule</a> .			

## Mathematics and Numeracy in Education Minor

Students have the option of completing the Mathematics and Numeracy in Education minor. This minor will offer students the opportunity to develop more comprehensive discipline and pedagogical knowledge, so they can facilitate enriched teaching practices in primary school classrooms. Subjects completed in this minor will count towards the NESA recognised Mathematics/Numeracy specialisation.

Subject Code	Subject Name	Credit Points	Session(s)
MATH132	Unlocking Mathematical Tools for Primary Educators	6	Spring
EDKM202	Mathematics Content and Pedagogy 2	6	Spring
EDEM302	Mathematics Elective 1	6	Spring
EDEM402	Quality Teaching in Mathematics	6	Spring

For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Compulsory Work Placement / Online Components

This course contains a total of 595 hours or approximately 85 days of compulsory work-based placements, completed over 25 weeks throughout the degree. This course may also contain compulsory components to be completed online.



## Honours

Students who have achieved a high level of academic performance in the first three years of the degree may complete the fourth year at honours level. For further information refer to the [Bachelor of Primary Education \(Honours\)](#).

## Professional Recognition/Accreditation

This degree is accredited and recognised as a national professional teaching qualification. All students will receive a national English/Literacy specialisation on successful completion of the program. A NSW specialisation in Mathematics/Numeracy is available to students with relevant interest and aptitude. Subjects required to qualify for the NSW Mathematics/Numeracy specialisation include: [EDMM101](#), [MATH132](#), [EDKM201](#), [EDKM202](#), [EDEM302](#) and [EDEM402](#). NSW Education Standards Authority (NESA) recognised teaching specialisations are applied to teacher registration documentation and may give candidates a competitive edge when applying for positions in government schools.

Students seeking work outside NSW or Australia are advised to check with potential employers and other teacher registration authorities for any additional requirements.

The University of Wollongong is committed to supporting students to meet the accreditation requirements to teach in Catholic Diocesan schools. Please contact your Academic Program Director for more information.

## Other Information

For further information email: [ssc@uow.edu.au](mailto:ssc@uow.edu.au)

Last reviewed: 1 August, 2019

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Primary Education (Honours) | 2019

Testamur Title of Degree:	Bachelor of Primary Education (Honours)
Abbreviation:	BPrimEd(Hons)
UOW Course Code:	1787
CRICOS Code:	092685D
Total Credit Points:	192
Duration:	4 years full-time or part-time equivalent
Home Faculty:	Faculty of Social Sciences
Intake Session(s):	Autumn
Delivery Mode:	On-campus
Delivery Campus:	Wollongong

## Overview

The Bachelor of Primary Education (Honours) is a course of advanced studies in research methodologies open to high achieving students who have demonstrated excellence in the first three years of the Bachelor of Primary Education (371) or the Bachelor of Primary Education (Dean's Scholar) (1897).

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to:

CLO	Description
1	Demonstrate knowledge, understanding, empathy and respect for the linguistic, cultural, religious and socio-economic diversity of children, families and communities in contemporary Australia.
2	Demonstrate sophisticated knowledge and understanding of the complexity of child development and its impact on academic learning and development.
3	Demonstrate understanding of teaching as a collaborative profession involving productive relationships with parents and colleagues that is driven by ethical behaviour, professional learning, systematic reflection and deep understandings about a diversity of learners.
4	Demonstrate deep theoretical understanding and domain specific content knowledge for the six primary key learning areas as a foundation for effective teaching.
5	Demonstrate an understanding of teaching as a complex multi-faceted and ever-changing role that requires effective communication, organisation, resilience, empathy and adaptability to ensure all learners are engaged in expert, dynamic, and contemporary learning experiences.
6	Demonstrate contemporary pedagogies informed by theory, research and reflective practice that engage learners in safe, effective and appropriate learning experiences informed by rigorous and comprehensive assessment practices, and sensitive, timely and constructive feedback.

7	Demonstrate understanding of compliance requirements related to mandated curricula, professional accreditation and the implementation of legislated policy.
8	Demonstrate knowledge of research methodologies and research ethics through the design execution and reporting on a substantial research project.

## Course Structure

The Bachelor of Primary Education (Honours) requires:

- a. The successful completion of 192 credit points as specified in the table below, including the Professional Experience components embedded in the course.
- b. Students must successfully complete 36 credit points from the Year 1 subjects to be eligible for the first Professional Experience and to enrol in Year 2 subjects. Students should also note that a number of subject prerequisites will be in place throughout the course.
- c. To be eligible for the final Professional Experience, students must have passed all core subjects in the first three and a half years of their degree, successfully completed the Literacy and Numeracy Test (LANTITE) and be enrolled in any annual and final semester core subjects.
- d. Students must successfully complete all subject requirements, including the teaching performance assessment (UOW TPA) in [EDPD402](#), to be eligible to graduate.
- e. The Honours grade will be calculated using Method 2. For further information refer to the [General Course Rules](#).

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn Session</b>			
<a href="#">HAS 111</a>	Essential Academic Skills	6	Autumn
<a href="#">EDLL101</a>	Language and Learning	6	Autumn
<a href="#">EDMM101</a>	Mathematics Foundations	6	Autumn
<a href="#">PSYS150</a>	Foundations of Human Development and Behaviour	6	Autumn
<b>Spring Session</b>			
<a href="#">EDSC102</a>	Science Content Knowledge for Educators	6	Spring

<a href="#">EDSO101</a>	Education and Society	6	Spring
<a href="#">GEOG123</a>	Indigenous Geographies: Questioning Country	6	Spring
Plus ONE of the following:			
<a href="#">EDPD100</a> *	Introduction to the Profession	6	Spring
<a href="#">HAS 121</a>	Human Development in Social Context	6	Spring
<a href="#">MATH132</a>	Unlocking Mathematical Tools for Primary Educators	6	Spring
<i>* This subject is only available to students who have three Band 5 scores in their HSC results, including one in English.</i>			
<b>Year 2</b>			
<b>Autumn Session</b>			
<a href="#">EDPD201</a>	Professional Development 1: The Learning Environment	6	Autumn
<a href="#">EDKL200</a>	Language and Literacy 1: The Early Years	6	Autumn
<a href="#">EDKM201</a>	Mathematics Content and Pedagogy 1	6	Autumn
<a href="#">EDKP201</a>	Personal Development, Health & Physical Education Content & Pedagogy	6	Not available in 2019
<b>Spring Session</b>			
<a href="#">EDPD202</a>	Professional Development: The Teacher as Managing Professional	6	Spring
<a href="#">EDKG202</a>	History and Geography in Primary Schools	6	Spring
<a href="#">EDKM202</a>	Mathematics Content and Pedagogy 2	6	Not available

			in 2019
<a href="#">EDKL202</a>	Language and Literacy 2: Teaching the Constrained Skills in Context	6	Spring
<b>Year 3</b>			
<b>Autumn Session</b>			
<a href="#">EDPD301</a>	Professional Development: The Teacher as Researcher	6	Autumn
<a href="#">EDSC301</a>	K-6 Science and Technology: Curriculum and Pedagogy	6	Autumn
<a href="#">EDTA301</a>	The Arts in Education	6	Not available in 2019
<a href="#">EDAE301</a>	Aboriginal Education	6	Not available in 2019
<b>Spring Session</b>			
<a href="#">EDFE302</a>	Education Foundations: Cognition & Communication in the Classroom	6	Spring
<a href="#">EDCM302</a>	Classroom Management: Creating Positive School Environments	6	Not available in 2019
<a href="#">EDLD302</a>	Teaching Culturally and Linguistically Diverse Students	6	Spring
<a href="#">EDRM302</a>	Research Methods in Educational Research	6	Not available in 2019
<b>Year 4</b>			
<b>Annual Session</b>			
<a href="#">EDPT412</a>	Primary Honours Research and Thesis	12	Annual

<b>Autumn Session</b>			
EDPD401	Professional Development 3: The Teacher as Planner	6	Autumn
EDKL401	Language and Literacy 3: The Later Primary Years	6	Not available in 2019
EDLE401	Inclusive Education in Schools	6	Not available in 2019
<b>Spring Session</b>			
EDPD402	Professional Development 4: The Teacher as Reflective Practitioner	12	Spring
EDIT402	Effective use of ICT for Teaching & Learning	6	Not available in 2019

## Mathematics and Numeracy in Education Minor

Students have the option of completing the Mathematics and Numeracy in Education minor, however, it should be noted that this will be in addition to the minimum degree requirements and may extend the duration of the degree. This minor will offer students the opportunity to develop more comprehensive discipline and pedagogical knowledge, so they can facilitate enriched teaching practices in primary school classrooms. Subjects completed in this minor will count towards the NESA recognised Mathematics/Numeracy specialisation.

Subject Code	Subject Name	Credit Points	Session(s)
MATH132	Unlocking Mathematical Tools for Primary Educators	6	Spring
EDKM202	Mathematics Content and Pedagogy 2	6	Spring
EDEM302	Mathematics Elective 1	6	Spring
EDEM402	Quality Teaching in	6	Spring



For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Compulsory Work Placement / Online Components

This course contains a total of 595 hours or approximately 85 days of compulsory work-based placements, completed over 25 weeks throughout the degree. This course may also contain compulsory components to be completed online.

## Professional Recognition/Accreditation

This degree is accredited and recognised as a national professional teaching qualification. All students will receive a national English/Literacy specialisation on successful completion of the program.

A NSW specialisation in Mathematics/Numeracy is available to students with relevant interest and aptitude. Subjects required to qualify for the NSW Mathematics/Numeracy specialisation include: [EDMM101](#), [MATH132](#), [EDKM201](#), [EDKM202](#), [EDEM302](#) and [EDEM402](#). NSW Education Standards Authority (NESA) recognised teaching specialisations are applied to teacher registration documentation and may give candidates a competitive edge when applying for positions in government schools. Students seeking work outside NSW or Australia are advised to check with potential employers and other teacher registration authorities for any additional requirements.

The University of Wollongong is committed to supporting students to meet the accreditation requirements to teach in Catholic Diocesan schools. Please contact your Academic Program Director for more information.

## Other Information

For further information email: [ssc@uow.edu.au](mailto:ssc@uow.edu.au)

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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Psychological Science | 2019

Testamur Title of Degree:	Bachelor of Psychological Science
Abbreviation:	BPsycSc
UOW Course Code:	364
CRICOS Code:	086228B
Total Credit Points:	144
Duration:	3 years full time or part time equivalent
Home Faculty:	Faculty of Social Sciences
Intake Session(s):	Autumn, Spring
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong/ 753220, 753225

## Overview

Students who complete this course will gain a broad and coherent scientific understanding of the field of psychology. The degree provides comprehensive training in the conceptualisation and measurement of the processes basic to human psychological functioning required for qualification as a professional psychologist. These include biological and social bases of behaviour, cognition, learning, perception, social and organisational behaviour, personality, abnormality and research and assessment tools.

Psychology can be usefully combined with a wide range of disciplines. This degree offers students the freedom to choose complementary studies from Science, Social Science, Business and, Humanities and the Arts, so that they may create their own professional pathway in the diversity of fields where psychology is applied. The first year of study allows students to engage in broad learning across the wide spectrum of topics relevant to psychology along with the basics of critical thinking, statistical analysis and professional writing. The second year subjects are more focussed in important areas such as personality theory and changes through the lifespan, whilst the third year subjects focus in some detail around essential topics such as assessment, intervention, and sub-disciplines in basic experimental and applied psychology. These subjects are taught by current subject matter experts engaged in up to date research in their respective fields.

The logic that governs the way that this three year degree fits together is one of increasing scientific complexity as the student progresses through his or her studies. This is illustrated in the way subjects are scaffolded and student expectations are extended across the three years. Initially students are provided with an introduction to the theories and practical skills characteristic of scientific psychology in a multitude of areas, with particular emphasis on research methods and basic statistics. The second year builds on this with an introduction to data analysis techniques for simple experimental designs and correlational studies which support further learning and extended assessment in other subjects specific to canonical areas of psychology that were introduced in first year. Subjects in third year are more detailed and focused on specific aspects of applied and experimental psychology, building on students' capacities to embrace greater complexity in the phenomena explored and the theoretical explanations of these phenomena. In the third year Applied Psychology subject the three years of study are brought together through a real-world capstone experience. The ability to take academic learning and apply these principles and approaches to problems that are psychological in nature and are located in a real-world setting is seen as essential in equipping graduates in this degree to successfully transition to next destination in their chosen career path. As a result of successful completion students will have met the Australian Psychological Accreditation Council (APAC) requirement to

pursue an accredited fourth year of study in the area of psychology or a related field.

Students with an excellent academic record may apply to transfer to the four-year [Bachelor of Psychology \(Honours\)](#) degree, or apply for entry to the [Bachelor of Psychological Science \(Honours\)](#) at the end of Year 3.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to:

CLO	Description
1	Demonstrate a broad and coherent knowledge of core topics in the discipline of psychology, their applications, and ethical behaviour in research and professional contexts.
2	Demonstrate a basic knowledge of research methods, including an evaluation of the characteristics of the science of psychology/scientific method.
3	Demonstrate an ability to apply research methods to address psychological questions related to behaviour and mental processes.
4	Write standard research reports and orally present information in various formats.
5	Exhibit a capacity for independent learning to sustain personal and professional development in the changing world of the science and practice of psychology.
6	Apply critical thinking skills and knowledge of the scientific method to evaluate claims regarding psychological phenomena.
7	Use the information in an ethical manner and apply knowledge of ethical and legislative requirements to determine appropriate ethical conduct in a range of contexts.

## Course Structure

The Bachelor of Psychological Science requires the successful completion of

144 credit points as specified in the table below, comprising:

1. 78 credit points of core Psychology subjects;
2. At least one of either:
  - an additional 24 credit points of Psychology subjects for [honours eligibility](#); or
  - [major](#) from the approved list; or
  - [minor](#) from the recommended list; or
  - students enrolled in the Bachelor of Psychological Science ([Pathway to Primary Education](#)) are required to complete the Foundations in Teaching minor;
3. Remaining elective credit points from the [General Schedule](#);
4. No more than 60 credit points will be at 100-level.

Students enrolled in the Bachelor of Psychological Science (Pathway to Primary Education) are required to maintain a weighted average mark (WAM) of 65 in each year of enrolment to qualify for admission to the [Master of Teaching \(Primary\)](#).

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">PSYC120</a>	Critical Thinking and Communication Skills in Psychology	6	Autumn
<a href="#">PSYC121</a>	Foundations of Psychology A	6	Autumn
<a href="#">PSYC122</a>	Foundations of Psychology B	6	Spring
<a href="#">PSYC123</a>	Research Methods and Statistics	6	Spring
<i>Plus 24 credit points of subjects that contribute to either a second major, a minor, and/or elective credit.</i>			
<b>Year 2</b>			
<a href="#">PSYC231</a>	Personality	6	Autumn, Available in Spring 2019

<a href="#">PSYC234</a>	Biological Psychology and Learning	6	Autumn
<a href="#">PSYC250</a>	Quantitative Methods in Psychology	6	Autumn
<a href="#">PSYC236</a>	Cognition and Perception	6	Spring
<a href="#">PSYC241</a>	Developmental and Social Psychology	6	Spring
<i>Plus 18 credit points of subjects that contribute to either a second major, a minor, Honours eligibility, and/or elective credit.</i>			
<b>Year 3</b>			
<a href="#">PSYC324</a>	Assessment and Intervention	6	Autumn
<i>Select THREE from the following, including at least ONE of <a href="#">PSYC327</a>, <a href="#">PSYC328</a> or <a href="#">PSYC329</a> :</i>			
<a href="#">PSYC325</a>	History and Philosophy of Psychology	6	Autumn
<a href="#">PSYC327</a>	Advanced Topics in Cognition	6	Autumn
<a href="#">PSYC330</a>	Social Behaviour and Individual Differences	6	Autumn
<a href="#">PSYC357</a>	Forensic Psychology	6	Autumn
<a href="#">PSYC326</a>	Design and Analysis	6	Spring
<a href="#">PSYC328</a>	Visual Perception	6	Spring
<a href="#">PSYC329</a>	Psychophysiology	6	Spring
<a href="#">PSYC358</a>	Applied Psychology	6	Spring
<a href="#">PSYC359</a>	Psychopharmacology	6	Spring
<a href="#">PSYC360</a>	Research Internship in Psychology	6	Spring
<a href="#">PSYC361</a>	Child Development	6	Spring

*Plus a further 24 credit points of subjects that contribute to either a second major, a minor, Honours eligibility, and/or elective credit.*

For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Psychology Extension for Honours Eligibility

If you intend to apply for the honours year (a requirement for registration as a professional psychologist) you must complete the 100 level core, the 200 level core and the following 200 level subject, and take 300 level subjects as specified below.

Subject Code	subject Name	Credit Points	Session(s)
<b>200-level subjects</b>			
<a href="#">PSYC251</a>	Psychology of Abnormality	6	Spring, Available in Autumn 2019
<b>300-level subjects</b>			
<a href="#">PSYC324</a>	Assessment and Intervention	6	Autumn
<a href="#">PSYC325</a>	History and Philosophy of Psychology	6	Autumn
<a href="#">PSYC326</a>	Design and Analysis	6	Spring
<i>And 24 credit points from the following, including at least one from <a href="#">PSYC327</a>, <a href="#">PSYC328</a> or <a href="#">PSYC329</a> :</i>			
<a href="#">PSYC327</a>	Advanced Topics in Cognition	6	Autumn
<a href="#">PSYC330</a>	Social Behaviour and Individual Differences	6	Autumn
<a href="#">PSYC357</a>	Forensic Psychology	6	Autumn
<a href="#">PSYC328</a>	Visual Perception	6	Spring



<a href="#">PSYC329</a>	Psychophysiology	6	Spring
<a href="#">PSYC358</a>	Applied Psychology	6	Spring
<a href="#">PSYC359</a>	Psychopharmacology	6	Spring
<a href="#">PSYC360</a>	Research Internship in Psychology	6	Spring
<a href="#">PSYC361</a>	Child Development	6	Spring
<i>Plus ONE 6 credit point subject that contributes to a minor or elective credit.</i>			

Students who complete the extended requirements in psychology are eligible to apply for the one year honours program to confer the [Bachelor of Psychological Science with Honours](#).

## Majors

All students in this degree complete core requirements in Psychology, specified above. The following majors are approved for inclusion in this course for students who elect to take them in addition to the Psychology requirements:

- [Criminology](#)
- [Human Resource Management](#)
- [Indigenous Studies](#)
- [Management](#)
- [Marketing](#)
- [Social Marketing](#)
- [Philosophy](#)
- [Sociology](#)

Students may also select language majors offered in the [Bachelor of Arts](#).

## Minors

The following minors are recommended for inclusion in this course. You may complete more than one minor, as space permits in your program. Students enrolled in the Bachelor of Psychological Science (Pathway to Primary Education) are required to complete the Foundations in Teaching minor as part of their degree requirement.

- [Criminology](#)
- [Foundations in Teaching](#) - only available to students enrolled in the

*Bachelor of Psychological Science (Pathway to Primary Education)*

- [Human Resource Management](#)
- [Indigenous Studies](#)
- [Management](#)
- [Marketing](#)
- [Neuroscience](#)
- [Philosophy](#)
- [Philosophy of Psychology](#)
- [Introduction to Public Health](#)
- [Public Relations](#)
- [Social Marketing](#)
- [Social Policy](#)
- [Sociology](#)
- [Work Health and Safety](#)

## Neuroscience Minor

The Neuroscience minor is only available for students in the Bachelor of Psychological Science. Entry may be restricted due to resource limitations.

The Neuroscience minor provides students with an understanding of the human brain and its anatomical and physiological context, metabolism, CNS functional organisation, cranial nerves and their motor and sensory functions, and an introduction to the discipline of neuroscience.

A minor in Neuroscience requires at least 24 credit points from the following table.

Subject Code	subject Name	Credit Points	Session(s)
<a href="#">MEDI100</a>	Human Structure and Function	6	Autumn
<a href="#">MEDI112</a>	Introduction to Anatomy and Physiology II	6	Spring
<a href="#">MEDI211</a>	Control Mechanisms Physiology	6	Autumn
<a href="#">MEDI312</a>	Fundamentals of Neuroscience	6	Autumn

Other minors from the [General Schedule of Minors](#) are also available.

## Pathway to Primary Education

Students enrolled in the Bachelor of Psychological Science (Pathway to Primary Education) will be given preferential admission to the [Master of Teaching \(Primary\)](#) up to two years after completion of their degree, provided they achieve a WAM of at least 65. The three postgraduate subjects completed in the Foundations in Teaching minor (18 credit points) will be credited towards the Master of Teaching (Primary) degree, thereby reducing the study load in that degree. In the event that quotas restrict places in the postgraduate degree, including access to Commonwealth Supported Places, priority will be based on academic merit (WAM).

Students who achieve a course weighted average mark below 65 will be considered for entry to the postgraduate degree on the same basis as applicants from other courses.

## Foundations in Teaching Minor

The Foundations in Teaching minor is only available to students enrolled in the Bachelor of Psychological Science (Pathway to Primary Education). The 900-level subjects may only be completed in the final year the degree and require a WAM of at least 65 for enrolment. Please use the [Subject Addition Form](#) to request enrolment in 900-level subjects.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">EDSO101</a>	Education and Society	6	Spring
<b>Year 3</b>			
<a href="#">EDMT906</a>	Aboriginal Education	6	Autumn
<a href="#">EDMT907</a>	Teachers and Community	6	Autumn
<a href="#">EDMT905</a>	Inclusive Education in Schools	6	Spring

## Accreditation / Professional Recognition

The three year Bachelor of Psychological Science and the additional honours year are accredited by the Australian Psychology Accreditation Council as a four year sequence for the purposes of provisional registration with the Psychology Board of Australia. An additional two years of supervised practice is necessary to apply for general registration. This can be through two years

supervised practice in the community or a fifth year at University plus one year of supervised practice in the community or an approved Masters degree.

## Other Information

For further information email: [ssc@uow.edu.au](mailto:ssc@uow.edu.au)

Last reviewed: 11 November, 2019

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Psychological Science (Honours) | 2019

Testamur Title of Degree:	Bachelor of Psychological Science (Honours)
Abbreviation:	BPsychSc(Hons)
UOW Course Code:	353
CRICOS Code:	084846C
Total Credit Points:	48
Duration:	1 year full-time or part-time equivalent
Home Faculty:	Faculty of Social Sciences
Intake Session(s):	Autumn
Delivery Mode:	On-campus
Delivery Campus/UAC Code:	Wollongong / N/A

## Overview

Honours in Psychology is a fourth year of study accredited by the Australian Psychology Accreditation Council (APAC). Honours in Psychology is a route to the Postgraduate coursework or research degrees in Psychology and also a qualification for eligibility for provisional registration as a psychologist with the Psychology Board of Australia.

## Entry Requirements and Credit Arrangement

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to:

CLO	Description
1	Demonstrate advanced theoretical and technical knowledge of core topics in the discipline of psychology and their applications, including knowledge of the theoretical and empirical bases underpinning the construction, implementation, and interpretation of widely used cognitive and personality assessments, and evidence-based psychological interventions.
2	Demonstrate an advanced knowledge of research methods, knowledge of how the science and practice of psychology is influenced by social, historical, professional and cultural contexts, and knowledge of ethical behaviour in research and professional contexts.
3	Demonstrate an advanced ability to apply research methods to address psychological questions related to behaviour and mental processes.
4	Analyse critically, evaluate and transform information from research literature and other sources to complete a range of activities.
5	Produce advanced written work that demonstrates analysis and synthesis of information, and novel problem solving to complex problems, and orally present information in various formats.
6	Exhibit a capacity for independent learning to sustain personal and professional development in the changing world of the science and practice of psychology.
7	Demonstrate autonomy, well-developed judgment, adaptability and responsibility in applying critical thinking skills and knowledge of scientific method to evaluate and investigate claims regarding psychological phenomena.

8	Use information in an ethical manner and apply knowledge of ethical and legislative requirements to determine appropriate ethical conduct in a range of contexts.
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## Course Structure

To qualify for award of the degree of Bachelor of Psychological Science (Honours) a student must complete 48 credit points in accordance with the table below.

The Honours grade will be calculated in accordance with Method 1. For further information refer to the [General Course Rules](#).

Subject Code	subject Name	Credit Points	Session(s)
<a href="#">PSYC410</a>	Honours Empirical Thesis	24	Annual
<a href="#">PSYC407</a>	Theory and Methods	8	Autumn
<a href="#">PSYC408</a>	Psychological Assessment: Principles and Applications	8	Autumn
<a href="#">PSYC409</a>	Psychological Intervention: Principles and Applications	8	Spring

Candidates intending to complete Honours as part-time students will generally do [PSYC407](#), [PSYC408](#) and [PSYC409](#) in the first year, and [PSYC410](#) in the second year.

For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Professional Recognition/Accreditation

Completion of four years of study in Psychology is an important first step for registration as a psychologist in Australia. The [Bachelor of Arts \(Psychology\)](#), [Bachelor of Psychological Science](#) and [Bachelor of Social Science \(Psychology\)](#) are accredited by the Australian Psychology Accreditation Council as the first three years of study. To complete the four year sequence, students must complete an add-on Honours year such as the Bachelor of Psychological Science (Honours) to meet the requirements for provisional registration with the [Psychology Board of Australia](#). Students who are enrolled in one of the accredited three year degrees and are considering the Bachelor of Psychological Science (Honours) degree are advised to check the

Psychology website for information on entry requirements and the application process.

An additional two years of supervised practice is necessary to apply for general registration as a professional psychologist with the [Psychology Board of Australia](#). This can be through two years supervised practice in the community or a fifth year at University plus one year of supervised practice in the community or an approved Masters degree.

Accreditation with the Australian Psychological Society, the national professional association, requires six years of approved academic study.

## Other Information

For further information email: [ssc@uow.edu.au](mailto:ssc@uow.edu.au)

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Psychological Science - Bachelor of Commerce | 2019

Testamur Title of Degree:	Bachelor of Psychological Science - Bachelor of Commerce
Abbreviation:	BPsychSc-BCom
UOW Course Code:	365
CRICOS Code:	086229A
Total Credit Points:	216
Duration:	4.5 years full-time or part-time equivalent
Home Faculty:	Faculty of Social Sciences
Intake Session(s):	Autumn, Spring
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong/ 751750

## Overview

Double degrees aim to broaden a student's knowledge and skill base and improve career options in competitive, increasingly interactive fields. The programs are designed to enhance a student's educational, academic and professional qualifications whilst minimising the costs of their studies.

The Bachelor of Psychological Science - Bachelor of Commerce double degree allows students to choose from a broad range of Business specialisations and combine this with a major in Psychology.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

The outcomes which are common and consolidated in this double degree ensure that on successful completion of the course students will be able to:

CLO	Description
1	Apply knowledge of psychological principles and applications to marketing and organisational practices
2	Apply knowledge of research methods to commercial issues in local, national, and international contexts
3	Apply analytical skills to commercial issues in local, national, and international contexts
4	Effectively communicate in a variety of formats
5	Demonstrate the capacity for independent learning with respect to professional development of human behaviour in business, organisational and marketing contexts
6	Apply critical thinking skills to examine human behaviour in an organisational context
7	Demonstrate ethical and responsible decision-making in the business context

Please refer to the [Handbook](#) page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

The Bachelor of Psychological Science - Bachelor of Commerce requires the successful completion of a minimum of 216 credit points in accordance with the table below, including:

- a. 78 credit points of core Psychology subjects; and
- b. 42 credit points of core 100-level Commerce subjects; and
- c. at least 48 credit points from a Commerce major; and
- d. a six credit point Commerce capstone subject; and
- e. additional elective subjects, as required, to achieve a minimum degree total of 216 credit points, chosen from the [Bachelor of Psychological Science](#), [Bachelor of Commerce](#) or the [General Schedule](#). Students may wish to consider completing a Commerce or [General Schedule minor](#). Students who plan to apply for entry to Psychology honours and follow a path to professional registration as a psychologist should complete the extended psychology requirements as described in the Bachelor Psychological Science degree.

Note that students in the double degree are not required to take [COMM121](#) Statistics for Business, which is normally a common core subject for students in the Bachelor of Commerce single degree. [PSYC123](#) Research Methods and Statistics meets the requirement for a first year statistics subject and remains as a core requirement for the double degree.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Psychology</b>			
<a href="#">PSYC120</a>	Critical Thinking and Communication Skills in Psychology	6	Autumn
<a href="#">PSYC121</a>	Foundations of Psychology A	6	Autumn
<a href="#">PSYC122</a>	Foundations of Psychology B	6	Spring
<a href="#">PSYC123</a>	Research Methods and Statistics	6	Spring
<b>Commerce</b>			

<a href="#">COMM101</a>	Principles of Responsible Business	6	Autumn, Spring
<a href="#">ECON100</a>	Economic Essentials for Business	6	Autumn, Spring
<a href="#">FIN 111</a>	Introductory Principles of Finance	6	Autumn, Spring, Summer 2019/2020
<a href="#">MGNT110</a>	Introduction to Management	6	Autumn, Spring, Summer 2019/2020
<b>Year 2*</b>			
<b>Psychology</b>			
<a href="#">PSYC231</a>	Personality	6	Autumn, Available in Spring 2019
<a href="#">PSYC234</a>	Biological Psychology and Learning	6	Autumn
<a href="#">PSYC250</a>	Quantitative Methods in Psychology	6	Autumn
<a href="#">PSYC236</a>	Cognition and Perception	6	Spring
<a href="#">PSYC241</a>	Developmental and Social Psychology	6	Spring
<b>Commerce</b>			
<a href="#">ACCY111</a>	Accounting Fundamentals In Society	6	Autumn, Spring
<a href="#">MARK101</a>	Marketing Principles	6	Autumn, Spring, Summer 2019/2020

Select ONE of the following four subjects. Students majoring in Accountancy, Finance or Financial Planning must take [ACCY112](#).

*Students majoring in Economics or International Business must take [ECON102](#). Students majoring in Public Relations must take [MGNT102](#).*

<a href="#">ACCY112</a>	Accounting In Organisations	6	Autumn, Spring, Summer 2019/2020
<a href="#">ECON102</a>	Economics and Society	6	Autumn, Spring
<a href="#">MGNT102</a>	Business Communications	6	Autumn, Spring, Summer 2019/2020
<a href="#">OPS 113</a>	Business Oriented Information Systems	6	Spring
<b>Year 3*</b>			
<b>Psychology</b>			
<a href="#">PSYC324</a>	Assessment and Intervention	6	Autumn
<i>18 credit points of Psychology elective subjects at 300-level (refer to Bachelor of Psychological Science single degree for subject choices).</i>			
<b>Commerce</b>			
<i>24 credit points of Commerce subjects as required for the selected Commerce major.</i>			
<b>Year 4*</b>			
<b>Commerce</b>			
<i>24 credit points of Commerce subjects as required for the selected Commerce major.</i>			
<b>Commerce capstone subject:</b>			
<a href="#">COMM331</a>	Integrative Business Capstone	6	Autumn, Spring

**Electives**

*18 credit points of subjects, either as specified in order to fulfil the requirements of a prescribed Commerce major OR as electives chosen from Bachelor of Psychological Science, Bachelor of Commerce or the General Schedule.*

**Year 5\*****Electives**

*24 credit points of elective subjects chosen from the Bachelor of Psychological Science, Bachelor of Commerce or the General Schedule.*

\* Note: Students have increasing freedom to structure their course to fit their chosen major from Year 2. In particular, those planning an [extended Psychology major for honours eligibility](#) should carefully plan the sequence of their subjects for their whole degree before enrolling in Year 2.

For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Honours

Students who complete an extended major in psychology are eligible to apply for the one year honours program to confer the [Bachelor of Psychological Science \(Honours\)](#). To see the extended psychology subject list for entry into the honours program, please go to the [Bachelor of Psychological Science Handbook](#) page.

Honours in Commerce is also available for students who wish to undertake research training and advanced scholarship in this field. See [Bachelor of Commerce \(Honours\)](#) for more details.

## Professional Recognition/ Accreditation

### Bachelor of Psychological Science

The Bachelor of Psychological Science and the additional honours year are accredited by the Australian Psychology Accreditation Council as a four year sequence for the purposes of provisional registration with the Psychology Board of Australia. An additional two years of supervised practice is necessary to apply for general registration. This can be through two years supervised practice in the community or a fifth year at University plus one year of

supervised practice in the community or an approved Masters degree.

## Bachelor of Commerce

Some majors within the Bachelor of Commerce enable graduates to meet the membership requirements of relevant professional associations. For more information, visit [Professional Accreditation and Recognition](#).

## Other Information

For further information email: [ssc@uow.edu.au](mailto:ssc@uow.edu.au)

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Psychological Science - Bachelor of Laws | 2019

Testamur Title of Degree:	Bachelor of Psychological Science - Bachelor of Laws
Abbreviation:	BPsychSc-LLB
UOW Course Code:	1891
CRICOS Code:	094209E
Total Credit Points:	234
Duration:	5 years full-time or *part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	On-campus
Delivery Mode:	Autumn / Spring**
Delivery Campus / UAC Code:	Wollongong / 751215



\*Students interested in studying this degree part-time should consult with the Law Head of Students by contacting [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au).

\*\*Students commencing in Spring will undertake their first session in the Bachelor of Psychological Science, before completing their first year of Law in their second year of enrolment.

## Overview

A Bachelor of Psychological Science – Bachelor of Laws from UOW equips you with a comprehensive legal education: a world-class degree that provides a thorough grounding in the law, as well as a real-world focus on the essential practical skills and the social and ethical context in which the law operates.

Combining Law with Psychological Science allows you to learn the biological and social bases of behaviour, cognition and perception, social and developmental psychology, personality, and applied psychology. This combination gives you an in-depth understanding and reasoning of the human experience that can enhance your skills as a legal practitioner.

We believe that practical experience is a vital part of your legal training. We are the only law school in New South Wales that requires you to complete a legal internship, providing highly valued industry experience.

We are committed to social justice and providing a legal education that engages with the complexities of law's intersection with society.

This double degree delivers a practical and contextual legal education that prepares graduates not only for traditional careers in the legal profession but also for a wide range of careers in government, business and community organisations – as leaders, innovators and problem solvers.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

The outcomes which are common and consolidated in this double degree ensure that on successful completion of the course students will be able to:



CLO	Description
1	Apply ethical principles to a range of contexts;
2	Apply critical analysis to complex issues;
3	Investigate, evaluate and interpret research sources and their application to different disciplines;
4	Communicate effectively to a range of audiences through a range of mediums.

Please refer to the [Course Handbook](#) page of each individual degree for a comprehensive list of course learning outcomes.

## Course Structure

To qualify for award of the degree, the Bachelor of Psychological Science - Bachelor of Laws, a candidate must successfully complete at least 234 credit points, comprised of:

- a. All compulsory Law subjects as set out in the Course Program below;
- b. 30 credit points of elective subjects from the [Bachelor of Law \(Graduate Entry\)](#) elective list;
- c. 78 credit points of Psychology subjects in accordance with the table below;
- d. A minimum of 12 credit points of elective subjects from the [Psychological Science degree](#) or General Schedule.

Note: Where any subjects have the prefix LAW, the equivalent Bachelor of Laws subjects (LLB) must be substituted.

Subject Code	Subject Name	Credit Points
<b>Year 1</b>		
<a href="#">LLB1100</a>	Foundations of Law	6
<a href="#">LLB1115</a>	Legal Skills	6
<a href="#">LLB1120</a>	Law of Contract A	6
<a href="#">LLB1130</a>	Criminal Law and Procedure A	6
<a href="#">LLB1160</a>	Interpreting the Law	6
<a href="#">LLB1170</a>	Law of Contract B	6
<a href="#">LLB1180</a>	Criminal Law and Procedure B	6

<a href="#">LLB1197</a>	Legal Ethics & Professional Responsibility	6
<b>Year 2</b>		
<a href="#">LLB2220</a>	Property Law	6
<a href="#">LLB2230</a>	Administrative Law	6
<a href="#">LLB2270</a>	Equity and Trusts	6
<a href="#">LLB2280</a>	Constitutional Law	6
<a href="#">PSYC120</a>	Critical Thinking and Communication Skills in Psychology	6
<a href="#">PSYC121</a>	Foundations of Psychology A	6
<a href="#">PSYC122</a>	Foundations of Psychology B	6
<a href="#">PSYC123</a>	Research Methods and Statistics	6
6 credit point elective from the Bachelor of Psychological Science or General Schedule		
<b>Year 3</b>		
<a href="#">LLB2225</a>	Advanced Legal Skills	6
<a href="#">LLB2240</a>	Law of Torts	6
<a href="#">LLB2290</a>	Jurisprudence	6
<a href="#">LLB3397</a>	Legal Internship	3
<a href="#">PSYC231</a>	Personality	6
<a href="#">PSYC236</a>	Cognition and Perception	6
<a href="#">PSYC250</a>	Quantitative Methods in Psychology	6
1 LLB Elective		
<b>Year 4</b>		
<a href="#">LLB3300</a>	Remedies and Civil Procedure	6
<a href="#">LLB3301</a>	Evidence	6
<a href="#">LLB3302</a>	Law of Business Organisations	6

<a href="#">PSYC234</a>	Biological Psychology and Learning	6
<a href="#">PSYC241</a>	Developmental and Social Psychology	6
1 LLB Elective		
<b>Year 5</b>		
<a href="#">PSYC324</a>	Assessment and Intervention	6
<a href="#">LLB3399</a>	Law, Justice and Professional Practice	3
3 LLB Electives		
THREE 300-Level Psychology subjects (refer to Bachelor of Psychological Science single degree for subject choices)		
TWO 6 credit point elective from the Bachelor of Psychological Science or General Schedule		

**Part-time Study**

A student is considered part-time when they are enrolled in less than 75% of the standard load for a session. If you are seeking to complete your undergraduate law degree part-time, you are required to complete a minimum of 12 credit points (2 subjects) per session. Please refer to the [Recommended Study Sequence](#) for information.

Click on subject codes in the above table for information on sessions of offer for each subject. To find out specific information on timetables, tutorials and classes, visit the [Timetable page](#).

## Compulsory Work Placement / Online Components

This course contains a total of 140 hours over 4 weeks of compulsory work-based placements. This course may also contain compulsory components to be completed online.

Undertaking a work integrated learning (WIL) experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

Law students will complete a Legal Internship subject (LLB3397). This subject is the vehicle for a practical placement designed to expose students to the

application of the law in practice; enable students to understand the importance of developing the skills of legal research; communication, drafting, practice management and problem solving; and enable students to observe and reflect upon the values, ethical standards and conduct of the legal profession in practice.

## Professional Recognition / Accreditation

### Law

The UOW Bachelor of Laws (single LLB or in combination with another degree) is accredited by the Legal Profession Admission Board (LPAB) as satisfying the academic requirements necessary for admission to the Australian legal profession. On completion of the Bachelor of Laws, a student who wishes to practise as a barrister or solicitor must also undertake some form of professional practical training, the requirements for which vary between each state and territory of Australia.

In New South Wales, a student who intends to qualify for admission to practice is required to undertake a practical legal training (PLT) course accredited by the LPAB, followed by or incorporating a period of practical experience in a law-related setting. Practical experience gained by students in [LLB3397](#) Legal Internship may be counted towards this practical experience requirement. Graduates should check with their PLT provider. A list of LPAB accredited PLT courses can be found on the [LPAB website](#).

Students who intend to practise as solicitors after admission will be subject to a period of restricted practice and the mandatory continuing legal education requirements. Further information is available from the [Law Society of New South Wales](#). Students who intend to practise as barristers after admission will be required to read with a senior barrister for a period of time and to undertake the Bar Readers' Course and Bar Examination before being qualified to take briefs on their own account. Further information is available from the [New South Wales Bar Association](#).

### Psychological Science

The Bachelor of Psychological Science and the additional honours year ([Bachelor of Psychological Science \(Honours\)](#)) are accredited by the Australian Psychology Accreditation Council as a four year sequence for the purposes of provisional registration with the Psychology Board of Australia. An additional two years of supervised practice is necessary to apply for general registration. This can be through two years supervised practice in the community or a fifth year of University study plus one year of supervised practice in the community or an approved Masters degree.

### Honours

## Law

High achieving students enrolled in this double degree may consult with the [Honours Coordinator in Law](#) regarding the possibility of transferring into an [Honours Law](#) degree.

A student who successfully transfers into an Honours program but does not meet the minimum performance standards required for the award of Honours will be permitted to transfer back to the double degree in which they were enrolled immediately prior to the transfer into the Honours course, and will be awarded credit for the number of credit points passed in the Honours degree.

## Psychology extension for honours eligibility

Students who complete an extended program in psychology are eligible to apply for the one year honours program to confer the Bachelor of Psychological Science with honours. To see the requirements for the extended psychology program, and for entry into the honours program, please go to the [Bachelor of Arts \(Psychology\)](#) Handbook page. The extended Psychology program will require students to exceed the normal total credit point requirements for the degree. Students should carefully plan their sequence of study and, if necessary, seek academic advice.

## Other Information

Further information is available via email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

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# 2019 Undergraduate Courses

Home

Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Psychological Science - Bachelor of Social Science

Testamur Title of Degree:	Bachelor of Psychological Science - Bachelor of Social Science
Abbreviation:	BPsychSc-BSocSc
UOW Course Code:	375
CRICOS Code:	094750F
Total Credit Points:	216
Duration:	4.5 years full-time or part-time equivalent
Home Faculty:	Faculty of Social Sciences
Intake Session(s):	Autumn, Spring
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 751760 and 751761



## Overview

Double degrees aim to broaden a student's knowledge and skill base and improve career options in competitive, increasingly interactive fields. The programs are designed to enhance a student's educational, academic and professional qualifications whilst minimising the costs of their studies.

The Bachelor of Psychological Science - Bachelor of Social Science double degree allows students to choose from a broad range of Social Science specialisations and combine this with a major in Psychology.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

Please refer to the [Handbook](#) page of each individual degree for a list of course learning outcomes.

## Course Structure

The Bachelor of Psychological Science - Bachelor of Social Science requires the successful completion of a minimum of 216 credit points in accordance with the table below, including:

- a. at least 78 credit points of core Psychology subjects\*;
- b. at least 24 credit points of core 100-level [Social Science subjects](#);
- c. at least 24 credit points of core 200-level Social Science subjects;
- d. at least 48 credit points from a [Social Science major](#) ; and
- e. additional elective subjects, as required, to achieve a minimum degree total of 216 credit points, chosen from the [Bachelor of Psychological Science](#), [Bachelor of Social Science](#) or the [General Schedule](#).

No more than 84 credit points shall be completed at 100 level.

Students may wish to consider completing a [Social Science](#) or [General Schedule minor](#).

*\*Note: Students who plan to apply for entry to Psychology Honours and follow a path to professional registration as a psychologist should complete the extended psychology requirements as described in the [Bachelor](#)*

*Psychological Science* degree.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b><i>Psychology Core</i></b>			
PSYC120	Critical Thinking and Communication Skills in Psychology	6	Autumn
PSYC123	Research Methods and Statistics	6	Spring
<b><i>Social Science Core</i></b>			
GEOG121	Human Geography: Life in a Globalising World	6	Autumn
HAS 220	Becoming a Social Scientist: Interdisciplinary Competencies	6	Autumn
GEOG122	Human Geography: Living in a Material World	6	Spring
HAS 121	Human Development in Social Context	6	Spring
<i>And one or both of the following ^:</i>			
HAS 130	Social Determinants of Health	6	Autumn
SOC 103	Introduction to Sociology	6	Autumn
<b><i>Social Science major foundation or elective</i></b>			
<i>Students are advised to begin their Social Science major if prerequisites are satisfied, or take a 6 credit point elective from Social Science subjects or the General Schedule. Students completing the Social Policy major are advised to take <a href="#">HAS 202</a> in Year 1 instead of Year 2.</i>			
<b>Year 2*</b>			

<b>Psychology Core</b>			
PSYC121	Foundations of Psychology A	6	Autumn
PSYC122	Foundations of Psychology B	6	Spring
<b>Social Science Core</b>			
GEOG221	Population Geography: People, Place, Inequality	6	Autumn
HAS 202	Introduction to Social Policy	6	Spring
<i>And one or both of the following:</i>			
HAS 200	Social Justice in a World of Inequality	6	Autumn
GEOG222	Society and Environment: Resources, Challenges, Futures	6	Spring
<b>Social Science major</b>			
<i>12 credit points from 200 level subjects contributing to the selected Social Science major.</i>			
<b>Electives</b>			
<i>And 6 credit points to contribute to the Social Science major and/or electives, from Social Science subjects or the General Schedule.</i>			
<b>Year 3*</b>			
<b>Psychology Core</b>			
PSYC231	Personality	6	Autumn, Available in Spring 2019
PSYC234	Biological Psychology and Learning	6	Autumn
PSYC250	Quantitative Methods in	6	Autumn

	Psychology		
PSYC236	Cognition and Perception	6	Spring
PSYC241	Developmental and Social Psychology	6	Spring
<b>Social Science major</b>			
<i>12 credit points from subjects contributing to the selected Social Science major.</i>			
<b>Electives</b>			
<i>And 6 credit points to contribute to the Social Science major and/or electives, from Social Science subjects or the General Schedule.</i>			
<b>Year 4*</b>			
<b>Psychology Core</b>			
PSYC324	Assessment and Intervention	6	Autumn
<i>Plus 18 credit points of Psychology subjects at 300-level (refer to Bachelor of Psychological Science single degree for subject choices).</i>			
<b>Social Science major</b>			
<i>18 credit points to contribute to the Social Science major and/or electives, from Social Science subjects or the General Schedule.</i>			
<b>Year 5*</b>			
<b>Electives</b>			
<i>24 credit points to contribute to the Social Science major and/or electives, from Social Science subjects or the General schedule.</i>			

*\*Note: Students have increasing freedom to structure their course to fit their chosen major from Year 2. In particular, those planning an extended Psychology major for Honours eligibility should carefully plan the sequence of their subjects for their whole degree before enrolling in Year 2.*

**^ Please note:**

- Students are advised to take [SOC 103](#) if they are intending to complete a major or minor in Criminology, Social Policy or Sociology.
- Students are advised to take [HAS 130](#) if they are intending to complete a major or minor in Health Promotion, Public Health or Social Marketing.
- Students in other majors should choose a subject according to their interests or planned minors.

For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Majors

The Bachelor of Psychological Science requires completion of a major sequence in Psychology.

The Bachelor of Social Science requires selection of a major from the approved list set out on the [Bachelor of Social Science Handbook page](#).

## Honours

Students who complete an extended major in psychology are eligible to apply for the one year honours program to confer the [Bachelor of Psychological Science \(Honours\)](#). To see the extended psychology subject list for entry into the honours program, please go to the [Bachelor of Psychological Science Handbook](#) page.

Honours in Social Science is also available for students who wish to undertake research training and advanced scholarship. See [Bachelor of Social Science \(Honours\)](#) for more details.

## Professional Recognition / Accreditation

### **Bachelor of Psychological Science**

The Bachelor of Psychological Science and the additional Honours year are accredited by the Australian Psychology Accreditation Council as a four year sequence for the purposes of provisional registration with the Psychology Board of Australia. An additional two years of supervised practice is necessary to apply for general registration. This can be through two years supervised practice in the community or a fifth year at University plus one year of supervised practice in the community or an approved Masters degree.

## Other Information

For further information email: [ssc@uow.edu.au](mailto:ssc@uow.edu.au)

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# 2019 Undergraduate Courses

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Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Psychology (Honours) | 2019

Testamur Title of Degree:	Bachelor of Psychology (Honours)
Abbreviation:	BPsych(Hons)
UOW Course Code:	354
CRICOS Code:	084845D
Total Credit Points:	192
Duration:	4 years full-time or part-time equivalent
Home Faculty:	Faculty of Social Sciences
Intake Session(s):	Autumn
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 753230

## 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 (Honours) is a four year undergraduate Honours degree accredited by the Australian Psychology Accreditation Council (APAC). The degree is a route to Postgraduate coursework or research degrees in Psychology. It is also a partial qualification for registration as a Psychologist with the Psychology Board of Australia, a post degree supervision period also being required.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to:

CLO	Description
1	Demonstrate advanced theoretical and technical knowledge of core topics in the discipline of psychology and their applications, including knowledge of the theoretical and empirical bases underpinning the construction, implementation, and interpretation of widely used cognitive and personality assessments, and evidence-based psychological interventions.
2	Demonstrate an advanced knowledge of research methods, knowledge of how the science and practice of psychology is influenced by social, historical, professional and cultural contexts, and knowledge of ethical behaviour in research and professional contexts.
3	Demonstrate an advanced ability to apply research methods to address psychological questions related to behaviour and mental processes.
4	Analyse critically, evaluate and transform information from research literature and other sources to complete a range of activities.



5	Produce advanced written work that demonstrates analysis and synthesis of information, and novel problem solving to complex problems, and orally present information in various formats.
6	Exhibit a capacity for independent learning to sustain personal and professional development in the changing world of the science and practice of psychology.
7	Demonstrate autonomy, well-developed judgment, adaptability and responsibility in applying critical thinking skills and knowledge of scientific method to evaluate and investigate claims regarding psychological phenomena.
8	Use information in an ethical manner and apply knowledge of ethical and legislative requirements to determine appropriate ethical conduct in a range of contexts.
9	Examine scientific methods and knowledge that complement an appreciation of psychology as a scientific discipline.

## Course Structure

The Bachelor of Psychology (Honours) requires the successful completion of 192 credit points of subjects in accordance with the table below.

No more than 60 credit points in total may be taken at 100-level.

For students entering at the Bachelor of Psychology (Honours) at 100-level, continuation in the course requires an average result of at least 75% at the end of 100-level, a cumulative average of at least 75% for 100 and 200-level subjects at the end of 200-level, and a cumulative average of at least 75% for 200 and 300-level subjects at the end of 300-level in the psychology subjects approved for the degree.

Students who do not maintain this level of academic achievement will be required to transfer to the [Bachelor of Psychological Science](#).

### 100-Level to 300-Level Course Program

Subject Code	subject Name	Credit Points	Session(s)
<b>Year 1</b>			
PSYC120	Critical Thinking and Communication Skills in Psychology	6	Autumn
PSYC121	Foundations of Psychology A	6	Autumn

PSYC122	Foundations of Psychology B	6	Spring
PSYC123	Research Methods and Statistics	6	Spring
<i>Select ONE of the following subjects:</i>			
GEOG121	Human Geography: Life in a Globalising World	6	Autumn
GEOG122	Human Geography: Living in a Material World	6	Spring
BIOL103	Molecules, Cells and Organisms	6	Spring
STS 112	The Scientific Revolution	6	Autumn
<i>Plus 18 credit points from the Faculty of Social Sciences or <a href="#">General Schedule</a>.*</i>			
<b>Year 2</b>			
PSYC231	Personality	6	Autumn, Available in Spring 2019
PSYC234	Biological Psychology and Learning	6	Autumn
PSYC250	Quantitative Methods in Psychology	6	Autumn
<i>Plus ONE 6 credit point subject selected from the Faculty of Social Sciences or <a href="#">General Schedule</a>.*</i>			
PSYC236	Cognition and Perception	6	Spring
PSYC241	Developmental and Social Psychology	6	Spring
PSYC251	Psychology of Abnormality	6	Spring, Available in Autumn 2019
<i>Plus ONE 6 credit point subject selected from the Faculty of</i>			

<i>Social Sciences or <a href="#">General Schedule</a>.*</i>			
<b>Year 3</b>			
<a href="#">PSYC324</a>	Assessment and Intervention	6	Autumn
<a href="#">PSYC325</a>	History and Philosophy of Psychology	6	Autumn
<a href="#">PSYC326</a>	Design and Analysis	6	Spring
<i>Select 30 credit points from the following, including at least ONE of <a href="#">PSYC327</a> , <a href="#">PSYC328</a> or <a href="#">PSYC329</a> .</i>			
<a href="#">PSYC327</a>	Advanced Topics in Cognition	6	Autumn
<a href="#">PSYC330</a>	Social Behaviour and Individual Differences	6	Autumn
<a href="#">PSYC357</a>	Forensic Psychology	6	Autumn
<a href="#">PSYC328</a>	Visual Perception	6	Spring
<a href="#">PSYC329</a>	Psychophysiology	6	Spring
<a href="#">PSYC358</a>	Applied Psychology	6	Spring
<a href="#">PSYC359</a>	Psychopharmacology	6	Spring
<a href="#">PSYC360</a>	Research Internship in Psychology	6	Spring
<a href="#">PSYC361</a>	Child Development	6	Spring

\* Students are encouraged to broaden their studies with non-psychology electives, or a minor from the [General Schedule of Minors](#).

For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Honours

### 400-Level Course Program

To be eligible to proceed to 400-level (Year 4) and undertake the Honours

program, students must have:

- Completed all 144 credit points outlined in 100-level to 300-level course program above; and
- Maintained a cumulative average of at least 75% for 200 and 300-level psychology subjects listed in the table above.

The Honours grade will be calculated in accordance with Method 1. For further information refer to [General Course Rules Section 8](#).

The Honours program is made up of 48 credit points as outlined below:

Subject Code	subject Name	Credit Points	Session(s)
<b>Year 4</b>			
<a href="#">PSYC410</a>	Honours Empirical Thesis	24	Annual
<a href="#">PSYC418</a>	Honours Theory	6	Autumn First Offered 2020
<a href="#">PSYC415</a>	Honours Data Analysis	6	Autumn First Offered 2020
<a href="#">PSYC416</a>	Psychological Assessment: Principles and Applications	6	Autumn First Offered 2020
<a href="#">PSYC417</a>	Psychological Intervention: Principles and Applications	6	Spring First Offered 2020

Candidates intending to complete Honours as part-time students will generally do [PSYC418](#), [PSYC415](#), [PSYC416](#) and [PSYC417](#) in the first year, and [PSYC410](#) in the second year.

## Professional Recognition/Accreditation

The four year Bachelor of Psychology is accredited by the Australian Psychology Accreditation Council as a four year sequence for the purposes of provisional registration with the Psychology Board of Australia. An additional two years of supervised practice is necessary to apply for general registration. This can be through two years supervised practice in the community or a fifth year at University plus one year of supervised practice in the community or an approved Masters degree.

## Other Information

For further information email: [ssc@uow.edu.au](mailto:ssc@uow.edu.au)

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# 2019 Undergraduate Courses

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Psychology (Honours) - Bachelor of Commerce | 2019

Testamur Title of Degree:	Bachelor of Psychology (Honours) - Bachelor of Commerce
Abbreviation:	BPsych(Hons)-BCom
UOW Course Code:	1701
CRICOS Code:	084855B
Total Credit Points:	264
Duration:	5.5 years full-time or part-time equivalent
Home Faculty:	Faculty of Social Sciences
Intake Session(s):	Autumn
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 751751

## Overview

Double degrees aim to broaden a student's knowledge and skill base and improve career options in competitive, increasingly interactive fields. The programs are designed to enhance a student's educational, academic and professional qualifications whilst minimising the costs of their studies.

The Bachelor of Psychology (Honours) - Bachelor of Commerce double degree commences your pathway to professional registration as a psychologist and allows you to gain expertise in your choice of a broad range of business majors.

This course is for the highly motivated. Continuation in the degree will be dependent upon achieving a cumulative average of at least 75% in the Psychology subjects approved for the degree.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

The outcomes which are common and consolidated in this joint degree ensure that on successful completion of the course students will be able to:

CLO	Description
1	Apply advanced knowledge of psychological principles and applications to marketing and organisational practices.
2	Apply advanced knowledge of research methods to commercial issues in local, national, and international contexts.
3	Apply advanced analytical skills to commercial issues in local, national, and international contexts.
4	Produce advanced written work and communicate orally in a number of formats.
5	Demonstrate the capacity for independent learning with respect to professional development of human behaviour in business, organisational and marketing contexts.

6	Responsibly and adaptably demonstrate good independent judgement in business-related decision-making through the use of critical thinking skills.
7	Demonstrate ethical principles in business decision-making.

Please refer to each individual degree in the [Handbook](#) for a comprehensive list of degree course learning outcomes.

## Course Structure

The Bachelor of Psychology (Honours) - Bachelor of Commerce requires the successful completion of a minimum of 264 credit points in accordance with the table below, including:

- a) 156 credit points of core Psychology subjects; and
- b) at least 6 credit points from the specified list of Science electives; and
- c) 42 credit points of core 100 level Commerce subjects; and
- d) at least 48 credit points from a Commerce major; and
- e) a six credit point Commerce capstone subject; and
- f) additional elective subjects, as required, to achieve a minimum degree total of 264 credit points, chosen from the from the [Bachelor of Psychology \(Honours\)](#), the [Bachelor of Commerce](#) or the [General Schedule](#).

Continuation in the Bachelor of Psychology (Honours) component of the course requires an average result of at least 75% at the end of 100-level, a cumulative average of at least 75% for 100 and 200-level subjects at the end of 200-level, and a cumulative average of at least 75% for 200 and 300-level subjects at the end of 300-level in the psychology subjects approved for the degree. Students who do not maintain this level of academic achievement will be required to transfer to the [Bachelor of Psychological Science - Bachelor of Commerce](#).

Note: Students in the double degree are not required to take [COMM121](#) Statistics for Business, which is normally a common core subject for students in the Bachelor of Commerce single degree. [PSYC123](#) Research Methods and Statistics meets the requirement for a first year statistics subject and remains as a core requirement for the double degree.

Subject Code	subject Name	Credit Points	Session(s)
<b>Year 1</b>			



<b>Psychology</b>			
PSYC120	Critical Thinking and Communication Skills in Psychology	6	Autumn
PSYC121	Foundations of Psychology A	6	Autumn
PSYC122	Foundations of Psychology B	6	Spring
PSYC123	Research Methods and Statistics	6	Spring
<b>Commerce*</b>			
COMM101	Principles of Responsible Business	6	Autumn, Spring
ECON100	Economic Essentials for Business	6	Autumn, Spring
FIN 111	Introductory Principles of Finance	6	Autumn, Spring, Summer 2019/2020
MGNT110	Introduction to Management	6	Autumn, Spring, Summer 2019/2020
<b>Year 2</b>			
<b>Psychology</b>			
PSYC231	Personality	6	Autumn, Available in Spring 2019
PSYC234	Biological Psychology and Learning	6	Autumn
PSYC250	Quantitative Methods in Psychology	6	Autumn

<a href="#">PSYC236</a>	Cognition and Perception	6	Spring
<a href="#">PSYC241</a>	Developmental and Social Psychology	6	Spring
<a href="#">PSYC251</a>	Psychology of Abnormality	6	Spring, Available in Autumn 2019
<b>Commerce*</b>			
<a href="#">ACCY111</a>	Accounting Fundamentals In Society	6	Autumn, Spring
<a href="#">MARK101</a>	Marketing Principles	6	Autumn, Spring, Summer 2019/2020
<b>Year 3</b>			
<b>Psychology</b>			
<a href="#">PSYC324</a>	Assessment and Intervention	6	Autumn
<a href="#">PSYC325</a>	History and Philosophy of Psychology	6	Autumn
<a href="#">PSYC326</a>	Design and Analysis	6	Spring
<i>One 6 credit point Psychology subject at 300-level: refer to <a href="#">Bachelor of Psychology (Honours)</a> single degree for subject choices.</i>			
<b>Commerce*</b>			
<i>Select ONE of the following four subjects. Students majoring in Accountancy, Finance or Financial Planning must take <a href="#">ACCY112</a>. Students majoring in Economics or International Business must take <a href="#">ECON102</a>. Students majoring in Public Relations must take <a href="#">MGNT102</a>.</i>			
<a href="#">ACCY112</a>	Accounting In Organisations	6	Autumn, Spring, Summer 2019/2020

<a href="#">ECON102</a>	Economics and Society	6	Autumn, Spring
<a href="#">MGNT102</a>	Business Communications	6	Autumn, Spring, Summer 2019/2020
<a href="#">OPS 113</a>	Business Oriented Information Systems	6	Spring

*Plus 12 credit points of Commerce subjects as required for the selected [Commerce major](#).*

### **Science electives**

*Select ONE of the following subjects:*

<a href="#">GEOG121</a>	Human Geography: Life in a Globalising World	6	Autumn
<a href="#">GEOG122</a>	Human Geography: Living in a Material World	6	Spring
<a href="#">BIOL103</a>	Molecules, Cells and Organisms	6	Spring
<a href="#">STS 112</a>	The Scientific Revolution	6	Autumn

### **Year 4**

#### **Psychology**

*24 credit points of Psychology subjects at 300-level: refer to [Bachelor of Psychology \(Honours\)](#) single degree for subject choices.*

#### **Commerce**

*24 credit points of Commerce subjects as required for the selected [Commerce major](#).*

### **Year 5**

#### **Psychology Honours**

*48 credit points as per course structure for 400-level Psychology*

<i>Honours.**</i>			
<b>Year 6</b>			
<b>Commerce</b>			
<i>12 credit points of Commerce subjects as required for the selected <a href="#">Commerce major</a>.</i>			
<b>Commerce capstone subject:</b>			
<a href="#">COMM331</a>	Integrative Business Capstone	6	Autumn, Spring
<b>Electives</b>			
<i>6 credit points of elective subjects chosen from the Bachelor of Psychology (Honours), Bachelor of Commerce or the General Schedule.</i>			

\* These subjects form the common core subjects for the Bachelor of Commerce. They do not need to be taken in the order specified above. Students should carefully plan their sequence of study and, if necessary, seek academic advice.

For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Honours

### \*\*Psychology Honours Program 400-Level

To be eligible to proceed to the 400-level Psychology Honours program, students must have:

- Completed at least 144 credit points, including all required 100, 200 and 300-level Psychology core subjects outlined above; and
- Maintained a cumulative average of at least 75% for 200 and 300-level psychology subjects.

The Psychology Honours grade will be calculated in accordance with Method 1. For further information refer to [General Course Rules Section 8](#).

The Psychology Honours program is made up of 48 credit points as outlined below:

Subject	subject Name	Credit	Session(s)
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Code		Points	
<b>Year 4</b>			
<a href="#">PSYC410</a>	Honours Empirical Thesis	24	Annual
<a href="#">PSYC418</a>	Honours Theory	6	Autumn First Offered 2020
<a href="#">PSYC415</a>	Honours Data Analysis	6	Autumn First Offered 2020
<a href="#">PSYC416</a>	Psychological Assessment: Principles and Applications	6	Autumn First Offered 2020
<a href="#">PSYC417</a>	Psychological Intervention: Principles and Applications	6	Spring First Offered 2020

Candidates intending to complete Psychology Honours as part-time students will generally do [PSYC418](#), [PSYC415](#), [PSYC416](#) and [PSYC417](#) in the first year, and [PSYC410](#) in the second year.

## Commerce Honours

Honours in Commerce is also available for students who wish to undertake research training and advanced scholarship in this field. See [Bachelor of Commerce \(Honours\)](#) for more details.

## Transfer Options Between Psychology - Commerce Double Degrees

Students who decide not to complete the Psychology Honours year can transfer to the [Bachelor of Psychological Science - Bachelor of Commerce](#) double degree.

## Professional Recognition and Accreditation

### Bachelor of Psychology (Honours)

The Bachelor of Psychology (Honours) is accredited by the Australian Psychology Accreditation Council as a four year sequence for the purposes of provisional registration with the Psychology Board of Australia. An additional two years of supervised practice is necessary to apply for general registration. This can be through two years supervised practice in the community or a fifth year at University plus one year of supervised practice in the community or an approved Masters degree

## Bachelor of Commerce

Some majors within the Bachelor of Commerce enable graduates to meet the membership requirements of relevant professional associations. For more information, visit [Professional Accreditation and Recognition](#).

## Other Information

For further information email: [ssc@uow.edu.au](mailto:ssc@uow.edu.au)

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Public Health | 2019

Testamur Title of Degree:	Bachelor of Public Health
Abbreviation:	BPubHlth
UOW Course Code:	1833
CRICOS Code:	068536F
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Social Sciences
Intake Session(s):	Autumn
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 757650

## Overview

The Bachelor of Public Health is an ideal first degree for students interested in a career that enhances the health and quality of life of a population and the environments they live in. Globally, the most common health issues and their causes are largely preventable, and Public Health as a discipline has huge potential to address these problems. Public health professionals do this through building population skills and knowledge, creating supportive environments and policies, delivering health programs and services, and undertaking research on patterns of disease and best-practice interventions. Students will explore health issues from multiple perspectives including social, environmental, physical, cultural and political. A range of professional skills will be developed in obtaining, reviewing and analysing health information; persuasively communicating health information and challenges; planning and managing a health program or project; working with and strengthening communities; and advocating to improve the health of populations.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to:

CLO	Description
1	Identify and explain the broad determinants of illness, health and wellbeing, and apply principles of social equity and fairness in all aspects of public health practice.
2	Understand the primacy of conducting high quality research and the process for undertaking scientific enquiry.
3	Access, critically appraise and apply the best available evidence to address public health issues, and distinguish the costs and benefits of public health interventions.
4	Integrate knowledge of relevant public policy and health care systems into practice.
5	Engage in the political processes to advocate for health, social justice and equity.
6	Demonstrate professional skills, including problem-solving, effective



	communication, team work, reflective practice and a commitment to ongoing learning and professional development.
7	Intellectually debate the role of food as a social influence on health outcomes and competently assess the quality of food systems and environments.
8	Confidently obtain, analyse, interpret and communicate population data from health surveillance systems and screening programs.
9	Develop, implement and evaluate public health programs to detect, prevent and control communicable and non-communicable diseases among populations.

## Course Structure

The Bachelor of Public Health requires the successful completion of 144 credit points of subjects, including:

- a. 72 credit points of core subjects;
- b. 48 credit points from one of the Public Health majors;
- c. 24 credit points of elective subjects selected from the General Schedule. No more than 12 credit points of elective subjects shall be completed at 100 level.

Students must select a major at the end of the first session of full-time study.

No more than 60 credit points of 100-level subjects will count towards the degree.

### Core subjects

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn session</b>			
HAS 130	Social Determinants of Health	6	Autumn
HAS 125	Public Health Achievements and Challenges	6	Autumn
HAS 111	Essential Academic Skills	6	Autumn
HAS 115	Chronic Disease Prevention and Control	6	Autumn
<b>Spring session</b>			

<a href="#">HAS 135</a>	Global Health Perspectives on Infectious Diseases	6	Spring
<a href="#">HAS 234</a>	Research Methods in the Social Sciences	6	Spring
<a href="#">HAS 251</a> *	Introduction to Epidemiology	6	Spring
* Only for students undertaking the Social Epidemiology major. All other students should complete <a href="#">HAS 251</a> in Year 2 Spring session.			
<b>Year 2</b>			
<b>Autumn session</b>			
<a href="#">HAS 231</a>	Promoting the Public's Health	6	Autumn
<b>Spring session</b>			
<a href="#">HAS 205</a>	Quantitative Research Design and Analysis	6	Spring
<a href="#">HAS 251</a> **	Introduction to Epidemiology	6	Spring
** Only for students undertaking Food and Society, or Health Promotion as a major.			
<b>Year 3</b>			
<b>Autumn session</b>			
<a href="#">GEOG336</a>	Qualitative Research Design for Social Scientists	6	Autumn
<b>Spring session</b>			
<a href="#">HAS 347</a> ***	Social Sciences Project	6	Spring
<a href="#">HAS 350</a>	Social Determinants of Indigenous Health	6	Spring
*** High achieving students interested in undertaking a limited international work placement of three to four weeks in a public health related field during either the Summer or Winter recess periods have the option to complete <a href="#">HAS 380</a> in place of HAS			

347. To be eligible to undertake [HAS 380](#) students must have a minimum credit grade in all 200 level subjects required for the core and major. Students who wish to be eligible to apply for an OS-Help loan should undertake [HAS 380](#) in Autumn session of the final year of the degree.

For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Majors

Majors are available in the following areas:

- [Social Epidemiology](#)
- [Health Promotion](#)
- [Food and Society](#)

## Electives

Students are required to complete 24 credit points of electives from the [General Schedule](#). Subjects from the Sciences or Social Sciences are recommended for this degree. No more than 12 credit points of elective subjects shall be completed at 100 level.

## Dean's Scholar

A Dean's Scholar degree is available for high achieving students. For further information refer to the [Bachelor of Public Health \(Dean's Scholar\)](#).

## Honours

Students who have achieved a high level of academic performance in the first three years of the Bachelor of Public Health, may apply to complete an additional fourth year at honours level. For further information refer to the [Bachelor of Public Health \(Honours\)](#).

## Other Information

For further information email: [ssc@uow.edu.au](mailto:ssc@uow.edu.au)

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# 2019 Undergraduate Courses

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Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Public Health (Dean's Scholar) | 2019

Testamur Title of Degree:	Bachelor of Public Health (Dean's Scholar)
Abbreviation:	BPubHlth(Dean'sSchol)
UOW Course Code:	367
CRICOS Code:	086231G
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Social Sciences
Intake Session(s):	Autumn
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 757653

## Overview

The Bachelor of Public Health (Dean's Scholar) is an ideal first degree for high-achieving students interested in a career that enhances the health and quality of life of a population and the environments they live in. Globally, the most common health issues and their causes are largely preventable, and Public Health as a discipline has huge potential to address these problems. Public health professionals do this through building population skills and knowledge, creating supportive environments and policies, delivering health programs and services, and undertaking research on patterns of disease and best-practice interventions. Students will explore health issues from multiple perspectives including social, environmental, physical, cultural and political. A range of professional skills will be developed in obtaining, reviewing and analysing health information; persuasively communicating health information and challenges; planning and managing a health program or project; working with and strengthening communities; and advocating to improve the health of populations.

Dean's Scholar students will have the opportunity for casual employment in the Faculty of Social Sciences, community research, or projects supervised by leading practitioners or scholars for 15 hours per year. Other benefits include extended library privileges, invitations to attend School workshops and seminars and networking events.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Identify and explain the broad determinants of illness, health and wellbeing, and apply principles of social equity and fairness in all aspects of public health practice.
2	Understand the primacy of conducting high quality research and the process for undertaking scientific enquiry.
3	Access, critically appraise and apply the best available evidence to address public health issues, and distinguish the costs and benefits of

	public health interventions.
4	Integrate knowledge of relevant public policy and health care systems into practice.
5	Engage in the political processes to advocate for health, social justice and equity.
6	Demonstrate professional skills, including problem-solving, effective communication, team work, reflective practice and a commitment to ongoing learning and professional development.
7	Intellectually debate the role of food as a social influence on health outcomes and competently assess the quality of food systems and environments.
8	Confidently obtain, analyse, interpret and communicate population data from health surveillance systems and screening programs.
9	Develop, implement and evaluate public health programs to detect, prevent and control communicable and non-communicable diseases among populations.
10	Identify and develop leadership potential for tackling population health problems.

## Course Structure

The Bachelor of Public Health (Dean's Scholar) requires the successful completion of 144 credit points of subjects, including:

- a. 78 credit points of core subjects;
- b. 48 credit points from one of the Public Health majors;
- c. 18 credit points of elective subjects selected from the General Schedule.  
No more than 12 credit points of elective subjects shall be completed at 100 level.

Students must select a major at the end of the first session of full-time study.

Students may only count 60 credit points of 100-level subjects towards the degree.

Students must maintain a minimum weighted average mark (WAM) of 80 in each year of enrolment, from and including Year 2, to remain enrolled in the Dean's Scholar Program.

## Core Subjects

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			

<b>Autumn session</b>			
<a href="#">HAS 130</a>	Social Determinants of Health	6	Autumn
<a href="#">HAS 125</a>	Public Health Achievements and Challenges	6	Autumn
<a href="#">HAS 111</a>	Essential Academic Skills	6	Autumn
<a href="#">HAS 115</a>	Chronic Disease Prevention and Control	6	Autumn
<b>Spring session</b>			
<a href="#">HAS 135</a>	Global Health Perspectives on Infectious Diseases	6	Spring
<a href="#">HAS 234</a>	Research Methods in the Social Sciences	6	Spring
<a href="#">HAS 233</a>	Leadership, Scholarship and Social Change	6	Spring
<a href="#">HAS 251</a> *	Introduction to Epidemiology	6	Spring
* Only for students undertaking the Social Epidemiology major. All other students should complete <a href="#">HAS 251</a> in Year 2 Spring session.			
<b>Year 2</b>			
<b>Autumn session</b>			
<a href="#">HAS 231</a>	Promoting the Public's Health	6	Autumn
<b>Spring session</b>			
<a href="#">HAS 205</a>	Quantitative Research Design and Analysis	6	Spring
<a href="#">HAS 251</a> **	Introduction to Epidemiology	6	Spring
** Only for students undertaking Food and Society, or Health Promotion as a major.			
<b>Year 3</b>			



<b>Autumn session</b>			
<a href="#">GEOG336</a>	Qualitative Research Design for Social Scientists	6	Autumn
<b>Spring session</b>			
<a href="#">HAS 347</a> ***	Social Sciences Project	6	Spring
<a href="#">HAS 350</a>	Social Determinants of Indigenous Health	6	Spring
<p>*** <i>High achieving students interested in undertaking a limited international work placement of three to four weeks in a public health related field during either the Summer or Winter recess periods have the option to complete <a href="#">HAS 380</a> in place of HAS 347. To be eligible to undertake <a href="#">HAS 380</a> students must have a minimum credit grade in all 200 level subjects required for the core and major. Students who wish to be eligible to apply for an OS-Help loan should undertake <a href="#">HAS 380</a> in Autumn session of the final year of the degree.</i></p>			

For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Majors

Majors are available in the following areas:

- [Social Epidemiology](#)
- [Health Promotion](#)
- [Food and Society](#)

## Electives

Students are required to complete 24 credit points of electives from the [General Schedule](#). Subjects from the Sciences or Social Sciences are recommended for this degree. No more than 12 credit points of elective subjects shall be completed at 100 level.

## Honours

Students who have achieved a high level of academic performance in the first three years of the Bachelor of Public Health, may apply to complete an additional fourth year at honours level. For further information refer to the [Bachelor of Public Health \(Honours\)](#).

# Other Information

For further information email: [ssc@uow.edu.au](mailto:ssc@uow.edu.au)

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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Public Health (Honours) | 2019

Testamur Title of Degree:	Bachelor of Public Health (Honours)
Abbreviation:	BPubHlth(Hons)
UOW Course Code:	1834
CRICOS Code:	068537E
Total Credit Points:	48
Duration:	1 year full-time or part-time equivalent
Home Faculty:	Faculty of Social Sciences
Intake Session(s):	Autumn, Spring
Delivery Mode:	On-campus
Delivery Campus:	Wollongong

## Overview

The Bachelor of Public Health (Honours) is an additional fourth year of study for high achieving students. This course has been designed to provide students with the skills to demonstrate excellence in research with a clear understanding of the research question.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Gain in-depth knowledge of public health theory as it applies to a specific practical public health research topic.
2	Develop methodological skills in exploring a key public health issue in the community.
3	Understand the primacy of conducting high quality research and the process for undertaking robust scientific enquiry.

## Course Structure

The Bachelor of Public Health (Honours) requires the successful completion of 48 credit points as set out in the table below.

The Honours grade will be calculated in accordance with University of Wollongong Method 1. For further information refer to [General Course Rules](#).

Subject Code	Subject Name	Credit Points	Session(s)
<b>Full-time Year 1</b>			
<a href="#">HAS 400</a>	Honours	48	Annual, Spring 2019/Autumn 2020

<b>Part-time Year 1</b>			
<a href="#">HAS 402</a>	Honours Part 1 (Part-time Students)	24	Annual, Spring 2019/Autumn 2020
<b>Part-time Year 2</b>			
<a href="#">HAS 403</a>	Honours Part 2 (Part-time Students)	24	Annual, Spring 2019/Autumn 2020

For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Other Information

For further information email: [ssc@uow.edu.au](mailto:ssc@uow.edu.au)

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# 2019 Undergraduate Courses

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Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Public Health Nutrition (Honours) | 2019

Testamur Title of Degree:	Bachelor of Public Health Nutrition (Honours)
Abbreviation:	BPubHlthNutr(Hons)
UOW Course Code:	1847
CRICOS Code:	069586K
Total Credit Points:	48
Duration:	1 year full-time or part-time equivalent
Home Faculty:	Faculty of Social Sciences
Intake Session(s):	Autumn, Spring
Delivery Mode:	On-campus
Delivery Campus:	Wollongong

## Overview

The Bachelor of Public Health Nutrition (Honours) is an additional fourth year of study for high achieving students. This course has been designed to provide students with the skills to demonstrate excellence in research with a clear understanding of the research question.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Gain in-depth knowledge of public health theory as it applies to a specific practical public health research topic.
2	Develop methodological skills in exploring a key public health issue in the community.
3	Understand the primacy of conducting high quality research and the process for undertaking robust scientific enquiry.

## Course Structure

The Bachelor of Public Health Nutrition (Honours) requires the successful completion of 48 credit points as specified in the table below.

The Honours grade will be calculated in accordance with University of Wollongong Method 1. For further information refer to [General Course Rules](#).

Subject Code	subject Name	Credit Points
<b>Honours Year</b>		
<a href="#">HAS 400</a>	Honours	48

For information regarding timetables, tutorials, and classes please the visit



the [Timetables and Classes](#) page.

## Other Information

For further information email: [ssc@uow.edu.au](mailto:ssc@uow.edu.au)

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Research Options | 2019

The University of Wollongong offers different options for students wishing to study a Bachelor of Research degree.

### Faculty of Business

#### **Bachelor of Research**

Areas of Study: Accountancy, Economics, Finance, Marketing and Operations

Course Code: 379

### Faculty of Engineering and Information Sciences

#### **Bachelor of Research**

Areas of Study: Mathematics, Applied Statistics, Physics, Medical Radiation Physics, Computer Science, Information Technology, Civil Engineering, Computer Engineering, Electrical Engineering, Environmental Engineering, Materials Engineering, Mechanical Engineering, Mechatronic Engineering, Mining Engineering and Telecommunications Engineering

Course Code: 380

### Faculty of Law, Humanities and the Arts

#### **Bachelor of Research**

Areas of Study: Arts and Humanities, Creative Arts

Course Code: 381

## Faculty of Science, Medicine and Health

### Bachelor of Research

Areas of Study: Advanced Materials, Biological Sciences, Medical and Health Science, and Earth and Environmental Sciences

Course Code: 382

## Faculty of Social Sciences

### Bachelor of Research

Areas of Study: Education

Course Code: 383

Last reviewed: 24 September, 2018

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Science Options | 2019

The University of Wollongong offers different options for students wishing to study a Bachelor of Science degree.

### Faculty of Engineering and Information Sciences

#### **Bachelor of Science (Materials)**

For students wishing to study a major in Materials from the Faculty of Engineering and Information Sciences.

Course Code: 1853

#### **Bachelor of Science (Physics)**

For students wishing to study a major in Physics, or Nuclear Science and Technology, from the Faculty of Engineering and Information Sciences.

Course Code: 757

### Faculty of Science, Medicine and Health

#### **Bachelor of Science**

For students wishing to study a major in Biological Sciences, Chemistry, Conservation Biology, Environment, Geology, Medical Biotechnology, Medicinal Chemistry, or Physical Geography and Environmental Geosciences from the Faculty of Science, Medicine and Health.

Course Code: 742

### Faculty of Social Sciences

### **Bachelor of Science**

For students wishing to study a major in Environment and Heritage Management or Human Geography from the Faculty of Social Sciences.  
Course Code: 1874

### **Bachelor of Science (Psychology)**

This course is currently under review and is not available in 2019 for new enrolments. Students interested in studying psychology in the Faculty of Social Sciences should visit the [Bachelor of Psychological Science](#) handbook page.  
Course Code: 333

Last reviewed: 14 December, 2018

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Science (Honours) Options | 2019

The University of Wollongong offers different options for students wishing to study a Bachelor of Science (Honours) degree.

### Faculty of Engineering and Information Sciences

#### **Bachelor of Science (Physics) (Honours)**

For students who have fulfilled the requirements of a [Bachelor of Science \(Physics\)](#) degree and achieved the required academic standard.

Course Code: 1815

### Faculty of Science, Medicine and Health

#### **Bachelor of Science (Honours)**

For students who have fulfilled the requirements of a [Bachelor of Science](#) degree with a major in a discipline offered by the Faculty of Science, Medicine and Health, the [Bachelor of Exercise Science](#) or the [Bachelor of Nutrition Science](#) or an equivalent qualification from another University and achieved the required academic standard.

Course Code: 741

### Faculty of Social Sciences

#### **Bachelor of Science (Honours)**

For students who have fulfilled the requirements of a [Bachelor of](#)

Science degree with a major in a discipline offered by the Faculty of Social Sciences and achieved the required academic standard.

Course Code: 1875

Last reviewed: 24 April, 2018

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Science (Honours) (Dean's Scholar) Options | 2019

The University of Wollongong offers different options for students wishing to study a Bachelor of Science (Honours) (Dean's Scholar):

### Faculty of Science, Medicine and Health

#### **Bachelor of Science (Honours) (Dean's Scholar)**

For students wishing to study Biological Sciences, Chemistry, Geology, and/or Physical Geography and Environmental Geosciences.

Course Code: 1786

### Faculty of Social Sciences

#### **Bachelor of Science (Honours) (Dean's Scholar)**

For students wishing to study Human Geography, and/or Environment and Heritage Management.

Course Code: 1876

Last reviewed: 15 November, 2018



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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Science - Bachelor of Arts Options | 2019

The University of Wollongong offers different options for students wishing to study a Bachelor of Science - Bachelor of Arts double degree.

### Faculty of Engineering and Information Sciences

#### **Bachelor of Science (Physics) - Bachelor of Arts**

For students wishing to study physics with the Faculty of Engineering and Information Sciences

Course Code: 747\_7

### Faculty of Science, Medicine and Health

#### **Bachelor of Science - Bachelor of Arts**

For students wishing to study Biological Sciences, Chemistry, Geology, Physical Geography and Environmental Geosciences, Conservation Biology, Environment, Medical Biotechnology, Medicinal Chemistry or Bionanotechnology with the Faculty of Science, Medicine and Health.

Course Code: 747

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Science - Bachelor of Commerce Options | 2019

The University of Wollongong offers different options for students wishing to study a Bachelor of Science - Bachelor of Commerce double degree. These are listed below.

### Faculty of Science, Medicine and Health

#### **Bachelor of Science - Bachelor of Commerce**

For students wishing to complete a major in Biological Sciences, Chemistry, Geology, and/or Physical Geography and Environmental Geosciences, alongside their chosen Commerce Major.

Course Code: 747\_6

### Faculty of Social Sciences

#### **Bachelor of Psychological Science - Bachelor of Commerce**

For Students wishing to study psychology in the Faculty of Social Sciences combined with a Bachelor of Commerce should visit the [Bachelor of Psychological Science - Bachelor of Commerce](#) handbook page.

Course Code: 365

Last reviewed: 24 April, 2018

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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Science - Bachelor of Laws | 2019

Testamur Title of Degree:	Bachelor of Science - Bachelor of Laws
Abbreviation:	BSc-LLB
UOW Course Code:	1889
CRICOS Code:	094213J
Total Credit Points:	240*
Duration:	Minimum 5 years full-time or part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 751207

\* This is a minimum figure and may vary depending on the major.

## Overview

A Bachelor of Science - Bachelor of Laws from UOW equips graduates with a comprehensive legal education: a world-class degree that provides a thorough grounding in the law, as well as a real-world focus on the essential practical skills and the social and ethical context in which the law operates.

Combining Law with Science allows you to gain a competitive edge by being able to recognise how law functions in social and scientific contexts. This allows students to tackle projects such as environmental planning, or look at the legal implications of introducing new technology. You can choose to specialise in one specific area of science or choose to work in corporate advisory roles around social responsibility. This double degree will help you develop logical and independent thinking, creative problem-solving, organisational abilities, numeracy and statistical literacy.

We believe that practical experience is a vital part of your legal training. We are the only law school in New South Wales that requires you to complete a legal internship, providing highly valued industry experience. We are committed to social justice and providing a legal education that engages with the complexities of law's intersection with society.

Science, Technology, Engineering and Mathematics (STEM) skills in Australia is becoming a fast-growing area creating new and increased job prospects. There is a forecasted growth of 12.7% in the Professional, Scientific and Technical Services Industry for 2017-2022 and with this brings exciting employment opportunities and career options. Source: [Employment Projections](#).

This double degree delivers a practical and contextual legal education that prepares graduates not only for traditional careers in the legal profession but also for a wide range of careers in government, business and community organisations – as leaders, innovators and problem solvers.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

The outcomes which are common and consolidated in this joint degree ensure that on successful completion of the course students will be able to:

CLO	Description
1	Apply critical analysis and problem solving skills to complex issues;
2	Investigate, evaluate and interpret research sources;
3	Apply research skills and knowledge to produce disciplinary work;
4	Communicate effectively to a range of audiences.

Please refer to the [Course Handbook](#) page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

To qualify for award of the degree, the Bachelor of Science - Bachelor of Laws, a candidate must successfully a minimum 240 credit points, comprised of:

1. All compulsory Law subjects as outlined in the schedule below (114 credit points);
2. 30 credit points of electives from the [Bachelor of Laws \(Graduate Entry\)](#) elective list;
3. Subjects to the value of at least 90 credit points, chosen from a major within the [Bachelor of Science](#). Students should follow the subject structure for their chosen major noting that some elective subjects may not be required. Students are advised to consult with the [Course Coordinator](#).

Subject Code	Subject Name	Credit Points
<b>Year 1</b>		
<a href="#">LLB1100</a>	Foundations of Law	6
<a href="#">LLB1115</a>	Legal Skills	6
<a href="#">LLB1120</a>	Law of Contract A	6
<a href="#">LLB1130</a>	Criminal Law and Procedure A	6
<a href="#">LLB1160</a>	Interpreting the Law	6
<a href="#">LLB1170</a>	Law of Contract B	6
<a href="#">LLB1180</a>	Criminal Law and Procedure B	6



<a href="#">LLB1197</a>	Legal Ethics & Professional Responsibility	6
<b>Year 2</b>		
<a href="#">LLB2220</a>	Property Law	6
<a href="#">LLB2230</a>	Administrative Law	6
<a href="#">LLB2270</a>	Equity and Trusts	6
<a href="#">LLB2280</a>	Constitutional Law	6
Subjects from the Faculty of Science, Medicine and Health		
<b>Year 3</b>		
<a href="#">LLB2225</a>	Advanced Legal Skills	6
<a href="#">LLB2240</a>	Law of Torts	6
<a href="#">LLB2290</a>	Jurisprudence	6
<a href="#">LLB3397</a>	Legal Internship	3
1 LLB Elective		
Subjects from the Faculty of Science, Medicine and Health		
<b>Year 4</b>		
<a href="#">LLB3300</a>	Remedies and Civil Procedure	6
<a href="#">LLB3302</a>	Law of Business Organisations	6
<a href="#">LLB3301</a>	Evidence	6
1 LLB Elective		
Subjects from the Faculty of Science, Medicine and Health		
<b>Year 5</b>		
3 LLB Electives		
<a href="#">LLB3399</a>	Law, Justice and Professional Practice	3

## Subjects from the Faculty of Science, Medicine and Health

### Part-time Study

A student is considered part-time when they are enrolled in less than 75% of the standard load for a session. If you are seeking to complete your undergraduate law degree part-time, you are required to complete a minimum of 12 credit points (2 subjects) per session. Please refer to the [Recommended Study Sequence](#) for information.

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Majors

Students in this degree will complete a major chosen from the [Bachelor of Science](#).

## Compulsory Work Placement / Online Components

This course contains a total of 140 hours over 4 weeks of compulsory work-based placements. This course may also contain compulsory components to be completed online.

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

Law students will complete a Legal Internship subject (LLB3397). This subject is the vehicle for a practical placement designed to expose students to the application of the law in practice; enable students to understand the importance of developing the skills of legal research; communication, drafting, practice management and problem solving; and enable students to observe and reflect upon the values, ethical standards and conduct of the legal profession in practice.

## Law Professional Recognition/Accreditation

The UOW Bachelor of Laws (single LLB or in combination with another degree) is accredited by the Legal Profession Admission Board (LPAB) as satisfying the academic requirements necessary for admission to the Australian legal profession. On completion of the Bachelor of Laws, a student who wishes to practise as a barrister or solicitor must also undertake some form of professional practical training, the requirements for which vary

between each state and territory of Australia.

In New South Wales, a student who intends to qualify for admission to practice is required to undertake a practical legal training (PLT) course accredited by the LPAB, followed by or incorporating a period of practical experience in a law-related setting. Practical experience gained by students in [LLB3397 Legal Internship](#) may be counted towards this practical experience requirement. Graduates should check with their PLT provider. A list of LPAB accredited PLT courses can be found on the [LPAB website](#).

Students who intend to practise as solicitors after admission will be subject to a period of restricted practice and the mandatory continuing legal education requirements. Further information is available from the [Law Society of New South Wales](#). Students who intend to practise as barristers after admission will be required to read with a senior barrister for a period of time and to undertake the Bar Readers' Course and Bar Examination before being qualified to take briefs on their own account. Further information is available from the [New South Wales Bar Association](#).

## Honours

### Law

High achieving students, enrolled in this double degree, who are interested in undertaking [Honours in Law](#), may consult with the [Honours Coordinator in Law](#) regarding the possibility of transferring into an Honours version of the degree.

A student who successfully transfers into an Honours program but does not meet the minimum performance standards required for the award of Honours will be permitted to transfer back to the double degree in which they were enrolled immediately prior to the transfer into the Honours course, and will be awarded credit for the number of credit points passed in the Honours degree.

### Science

Students with a good academic record, particularly in third year within their major, are encouraged to proceed to the Honours year in the discipline of their major. The Honours year is an additional year of study that provides training in independent research. For further information refer to the entry for the [Bachelor of Science \(Honours\)](#).

## Other Information

Further information is available via email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au) or [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

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On the lands that we study, we walk, and we live, we acknowledge and respect the traditional custodians and cultural knowledge holders of these lands.

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# 2019 Undergraduate Courses

Home □

□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Science Advanced (Honours) | 2019

Testamur Title of Degree:	Bachelor of Science Advanced (Honours)
Abbreviation:	BScAdv(Hons)
UOW Course Code:	358
CRICOS Code:	085500K
Total Credit Points:	192
Duration:	4 years full-time or part-time equivalent
Home Faculty:	Faculty of Engineering and Information Sciences
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / B Sc Adv (Hon) (Atmospheric Science) 757608 Wollongong / B Sc Adv (Hon) (Biomolecular

## Overview

The Bachelor of Science Advanced (Honours) degree is for high-achieving students interested in a challenging program leading to a career in scientific research. The program offers a greater degree of flexibility in program design providing an opportunity to undertake individual research subjects at 2nd, 3rd and 4th-year levels. Students are also able to participate in various enrichment activities and to develop a close association with an appropriate member of one of the Faculty's research teams.

In the final year, all students undertake a substantial piece of supervised research in their major discipline, together with other required seminars and/or course work.

Continuation in the Advanced degrees will normally be dependent on students achieving a WAM of at least 80 in each year of study. Students who do not meet the required average will be transferred to the equivalent non-Advanced degree.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Integrate knowledge of a variety of fundamentals physical laws to analyse behaviour and properties of physical systems.
2	Demonstrate advanced knowledge of research principles and methods associated with physics.
3	Integrate advanced technical and cognitive skills in reviewing, analysing and synthesising information to address specific themes in physics.
4	Exercise critical thinking, initiative and judgment in understanding complex concepts and constructing new understandings in contemporary physics.

5	Communicate advanced knowledge and ideas clearly and coherently by written and oral means to an expert and non-expert audiences.
6	Demonstrate initiative and creativity in planning and executing a research project pertinent to physics.

## Majors:

- [Atmospheric Science](#)
- [Biomolecular Physics](#)
- [Physics](#)

## Professional Recognition/Accreditation

The Bachelor of Science Advanced Honours (Atmospheric Science), (Biomolecular Physics) and (Physics) conform to the requirements for membership of the [Australian Institute of Physics](#).

## Other Information

Further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or [Academic Program Director](#)

Last reviewed: 4 October, 2018

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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Science Education | 2019

Testamur Title of Degree:	Bachelor of Science Education
Abbreviation:	BScEd
UOW Course Code:	887
CRICOS Code:	069491F
Total Credit Points:	192
Duration:	4 years full-time or part-time equivalent
Home Faculty:	Faculty of Social Sciences
Intake Session(s):	Autumn
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 755103

## Overview

The Bachelor of Science Education at UOW is a four-year degree that involves deepening your knowledge of science and developing the skills to implement this knowledge in modern secondary classrooms.

Teaching the next generation of scientists requires specific skills, and in the Bachelor of Science Education degree you will combine studying science and education subjects at university with extensive professional experience in secondary schools. Science subjects including Biology, Chemistry, Earth and Environmental Science, and Physics are complemented with education subjects about teaching strategies, building your professional teaching skills, developing children's literacy and numeracy skills, teaching children with special needs, using ICT in the classroom and classroom management.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to:

CLO	Description
1	Demonstrate broad and coherent theoretical and practical knowledge of educational principles within the context of secondary science teaching
2	Demonstrate coherent core knowledge of the fundamentals of secondary science disciplines
3	Demonstrate depth and breadth of knowledge in one or more discipline areas of sciences
4	Demonstrate their cognitive and technical skills to create teaching tools and critically review, analyse, synthesise and solve problems within a scientific field
5	Demonstrate critical thinking and judgement when problem solving and identifying the complexities of their role as secondary science teachers
6	Demonstrate the ability to clearly communicate educational knowledge and scientific principles and problem solving skills in the teaching environment
7	Demonstrate autonomy and problem solving ability in professional practice, including differentiation of pedagogical strategies, planning

	teaching and learning activities and reflection on practice within secondary science education
8	Demonstrate their capacity to be reflective practitioners with an evolving understanding of the multi-faceted role of the teacher within the learning environment

## Course Structure

The Bachelor of Science Education requires:

- a. The successful completion of at least 192 credit points. Students are required to select a first teaching area in one of the following: [Biology](#), [Chemistry](#), [Earth and Environmental Science](#) or [Physics](#), and complete the subjects specified in the relevant table.
- b. The successful completion of the compulsory Professional Experience components embedded in the course.
- c. Students must successfully complete 36 credit points from the Year 1 subjects to be eligible for the first Professional Experience and to enrol in Year 2 subjects. Students should also note that a number of subject pre-requisites will be in place throughout the course. Alternative arrangements are only possible with permission from the Academic Program Director and Head of Students.
- d. Students must have passed all core subjects and the Literacy and Numeracy Test (LANTITE) and be enrolled in any annual and final semester core subjects to be eligible for their final Professional Experience.
- e. Students must successfully complete all subject requirements, including the teaching performance assessment (UOW TPA) in [EDPS402](#), to be eligible to graduate.
- f. No more than 60 credit points will be at 100 level.

### Biology as First Teaching Area

In addition to qualifying for Biology as a first teaching area, students may choose to qualify for a second teaching area in Physics, Chemistry or Earth and Environmental Science by choosing different elective options.

For Chemistry as a second teaching area, students will need to complete at least two CHEM subjects.

For Earth and Environmental Science as a second teaching area, students will need to complete one EESC subject.

For Physics as a second teaching area, students will need to complete two PHYS subjects. Note that PHYS subjects often have MATH pre-requisites.

Please note that in order to qualify for a second teaching area, students may need to exceed the minimum degree requirement of 192cp, with no more than 60cp of 100 level subjects counting towards the degree.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn</b>			
<a href="#">PSYS150</a>	Foundations of Human Development and Behaviour	6	Autumn
<a href="#">BIOL104</a>	Evolution, Biodiversity and Environment	6	Autumn
<a href="#">BIOL105</a>	Functional Biology of Animals and Plants	6	Autumn
Plus ONE of the following*:			
<a href="#">CHEM101</a>	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
<a href="#">CHEM104</a>	Foundation Chemistry: Properties of Matter	6	Autumn
*Note: Students who have achieved a mark of 65% or more in NSW HSC Chemistry or equivalent must select <a href="#">CHEM101</a> . All other students must select <a href="#">CHEM104</a> .			
<b>Spring</b>			
<a href="#">BIOL103</a>	Molecules, Cells and Organisms	6	Spring
<a href="#">SCED101</a>	Conceptions of Science	6	Spring
Plus ONE of the following**:			
<a href="#">CHEM102</a>	Chemistry IB: Structure and Reactivity of Molecules for Life	6	Spring
<a href="#">CHEM105</a>	Foundation Chemistry: Reactions and Structures	6	Spring
**Note: Students who have achieved a mark of 65% or more in NSW HSC Chemistry or equivalent must select <a href="#">CHEM102</a> . All other students must select <a href="#">CHEM105</a> . Students who complete <a href="#">CHEM104</a> and <a href="#">CHEM105</a> may also be required to complete <a href="#">CHEM106</a> in Summer session if they intend to undertake			

additional 200-300 level chemistry subjects.			
Plus ONE of the following:			
<a href="#">EESC102</a>	Earth's Interconnected Spheres	6	Spring
<a href="#">SCIE103</a>	Climate Change	6	Spring
<a href="#">PHYS295</a>	Astronomy - Concepts of the Universe	6	Spring
<b>Year 2</b>			
<b>Autumn</b>			
<a href="#">EDPS111</a>	Education Foundations: Introduction to Teacher Education	6	Autumn
<a href="#">BIOL213</a>	Principles of Biochemistry	6	Autumn
<a href="#">BIOL251</a>	Principles of Ecology	6	Autumn
Plus ONE of the following***:			
<a href="#">MATH151</a>	General Mathematics 1A	6	Autumn
<a href="#">BIOL240</a>	Biodiversity of Marine and Freshwater Organisms	6	Autumn
***Students who completed HSC Advanced Mathematics with Band 3 or lower, or HSC General Mathematics are required to successfully complete <a href="#">MATH151</a> . <a href="#">MATH151</a> is also available in Summer or Year 4 Autumn session.			
<b>Spring</b>			
<a href="#">EDPS201</a>	Quality Teaching and Learning in Secondary Education I	6	Spring
<a href="#">EDSS202</a>	Science Pedagogy 1	6	Spring
<a href="#">EDAE302</a>	Aboriginal Education	6	Spring
<a href="#">EDPS302</a>	Creating Positive Learning Environments	6	Spring
<b>Year 3</b>			

<b>Autumn</b>			
<a href="#">EDPS222</a>	Teachers as Communicators	6	Autumn
<a href="#">EDLE301</a>	Learners With Exceptional Needs	6	Autumn
<a href="#">EDPS301</a>	Quality Teaching and Learning in Secondary Education II	6	Autumn
<a href="#">EDIC401</a>	Effective use of ICT for Teaching & Learning	6	Autumn
<b>Spring</b>			
<a href="#">BIOL215</a>	Introductory Genetics	6	Spring
<a href="#">BIOL252</a>	Evolution and Behaviour	6	Spring
<a href="#">STAT252</a>	Statistics For the Natural Sciences	6	Spring
<a href="#">EDLD302</a>	Teaching Culturally and Linguistically Diverse Students	6	Spring
<b>Year 4</b>			
<b>Autumn</b>			
<a href="#">EDPS401</a>	Quality Teaching and Learning in Secondary Education III	6	Autumn
<a href="#">EDSS401</a>	Science Pedagogy 2	6	Autumn
Plus TWO of the following subjects (check pre-requisites prior to selection):			
<a href="#">BIOL361</a>	Conservation Biology	6	Autumn
<a href="#">BIOL362</a>	Ecophysiology	6	Autumn
<a href="#">BIOL343</a>	Techniques in Biotechnology and Medical Research	6	Autumn
<b>Spring</b>			
<a href="#">EDPS402</a>	Leadership, Management & Professional Learning in	12	Spring

	Secondary Education		
	Plus TWO seven week intensive electives from the School of Education.	12	Spring

For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Chemistry as First Teaching Area

In addition to qualifying for Chemistry as a first teaching area, students may choose to qualify for a second teaching area in Physics, Biology or Earth and Environmental Science by choosing different elective options.

For Physics as a second teaching area, students need to complete two PHYS subjects.

For Biology as a second teaching area, students need to complete two BIOL subjects.

For Earth and Environmental Science as a second teaching area, students need to complete one BIOL subject and one EESC subject.

Please note that in order to qualify for a second teaching area, students may need to exceed the minimum degree requirement of 192cp, with no more than 60cp of 100 level subjects counting towards the degree.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn</b>			
PSYS150	Foundations of Human Development and Behaviour	6	Autumn
Plus ONE of the following:			
PHYS141	Fundamentals of Physics A	6	Autumn
BIOL104	Evolution, Biodiversity and Environment	6	Autumn
BIOL105	Functional Biology of Animals and Plants	6	Autumn
EESC101	Planet Earth	6	Autumn

Plus ONE of the following*:			
<a href="#">CHEM101</a>	Chemistry 1A: Introductory Physical and General Chemistry	6	Autumn
<a href="#">CHEM104</a>	Foundation Chemistry: Properties of Matter	6	Autumn
*Note: Students who have achieved a mark of 65% or more in NSW HSC Chemistry or equivalent must select <a href="#">CHEM101</a> . All other students must select <a href="#">CHEM104</a> .			
Plus ONE of the following***:			
<a href="#">MATH151</a>	General Mathematics 1A	6	Autumn
<a href="#">MATH187</a>	Mathematics 1: Algebra and Differential Calculus	6	Autumn
***Students who completed HSC Advanced Mathematics with Band 3 or lower, or HSC General Mathematics are required to successfully complete <a href="#">MATH151</a> . Students who complete <a href="#">CHEM104</a> may be required to complete <a href="#">CHEM106</a> in Summer session in order to meet the pre-requisites for some 200-300 level chemistry subjects.			
<b>Spring</b>			
<a href="#">SCED101</a>	Conceptions of Science	6	Spring
Plus ONE of the following**:			
<a href="#">CHEM102</a>	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
<a href="#">CHEM105</a>	Foundation Chemistry: Reactions and Structures	6	Spring
**Note: Students who have achieved a mark of 65% or more in NSW HSC Chemistry or equivalent must select <a href="#">CHEM102</a> . All other students must select <a href="#">CHEM105</a> . Students who complete <a href="#">CHEM104</a> and <a href="#">CHEM105</a> may also be required to complete <a href="#">CHEM106</a> in Summer session in order to meet the pre-requisites for some 200-300 level chemistry subjects.			
Plus TWO of the following:			



<a href="#">BIOL103</a>	Molecules, Cells and Organisms	6	Spring
<a href="#">EESC102</a>	Earth's Interconnected Spheres	6	Spring
<a href="#">MATH188</a>	Mathematics 2: Series and Integral Calculus	6	Spring
<a href="#">PHYS142</a>	Fundamentals of Physics B	6	Spring
<b>Year 2</b>			
<b>Autumn</b>			
<a href="#">EDPS111</a>	Education Foundations: Introduction to Teacher Education	6	Autumn
<a href="#">CHEM211</a>	Inorganic Chemistry II	6	Autumn
<a href="#">CHEM212</a>	Organic Chemistry II	6	Autumn
Plus ONE of the following:			
<a href="#">BIOL104</a>	Evolution, Biodiversity and Environment	6	Autumn
<a href="#">BIOL105</a>	Functional Biology of Animals and Plants	6	Autumn
<a href="#">PHYS141</a>	Fundamentals of Physics A	6	Autumn
<a href="#">BIOL213</a>	Principles of Biochemistry	6	Autumn
<b>Spring</b>			
<a href="#">EDPS201</a>	Quality Teaching and Learning in Secondary Education I	6	Spring
<a href="#">EDSS202</a>	Science Pedagogy 1	6	Spring
<a href="#">EDPS302</a>	Creating Positive Learning Environments	6	Spring
<a href="#">EDAE302</a>	Aboriginal Education	6	Spring
<b>Year 3</b>			
<b>Autumn</b>			

<a href="#">EDPS222</a>	Teachers as Communicators	6	Autumn
<a href="#">EDLE301</a>	Learners With Exceptional Needs	6	Autumn
<a href="#">EDPS301</a>	Quality Teaching and Learning in Secondary Education II	6	Autumn
<a href="#">EDIC401</a>	Effective use of ICT for Teaching & Learning	6	Autumn
<b>Spring</b>			
<a href="#">CHEM213</a>	Molecular Structure, Reactivity and Change	6	Spring
<a href="#">CHEM214</a>	Analytical and Environmental Chemistry	6	Spring
<a href="#">EDLD302</a>	Teaching Culturally and Linguistically Diverse Students	6	Spring
Plus ONE subject at 200 level from the Biology, Physics or Earth and Environmental Science schedule.		6	Spring
<b>Year 4</b>			
<b>Autumn</b>			
<a href="#">EDSS401</a>	Science Pedagogy 2	6	Autumn
<a href="#">EDPS401</a>	Quality Teaching and Learning in Secondary Education III	6	Autumn
Plus TWO subjects selected from the following:			
<a href="#">CHEM324</a>	Chemical Analysis and Inference	6	Autumn
<a href="#">CHEM337</a>	Environmental Chemistry	6	Autumn
<a href="#">CHEM341</a>	Chemistry Laboratory Project	6	Autumn, Spring, Summer 2019/2020
<a href="#">CHEM374</a>	Molecular Spectroscopy and	6	Autumn

	Structure Elucidation		
<b>Spring</b>			
EDPS402	Leadership, Management & Professional Learning in Secondary Education	12	Spring
Plus TWO seven week intensive electives from the School of Education.		12	Spring

For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Earth and Environmental Science as First Teaching Area

In addition to qualifying for Earth and Environmental Science as a first teaching area, students may choose to qualify for a second teaching area in Physics, Biology or Chemistry by choosing different elective options. For Physics as a second teaching area, students need to complete two PHYS subjects.

For Chemistry as a second teaching area, students need to complete two CHEM subjects.

For Biology as a second teaching area, students need to complete two BIOL subjects and either two CHEM or two PHYS subjects. At least two of these four subjects will need to be at 200 level or higher. Note that most 200 level Biology subjects will have pre-requisites.

Please note that in order to qualify for a second teaching area, students may need to exceed the minimum degree requirement of 192cp, with no more than 60cp of 100 level subjects counting towards the degree.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn</b>			
PSYS150	Foundations of Human Development and Behaviour	6	Autumn
EESC101	Planet Earth	6	Autumn
Plus ONE of the following***:			

<a href="#">MATH151</a>	General Mathematics 1A	6	Autumn
<a href="#">MATH187</a>	Mathematics 1: Algebra and Differential Calculus	6	Autumn
<p>***Students who completed HSC Advanced Mathematics with Band 3 or lower, or HSC General Mathematics are required to successfully complete <a href="#">MATH151</a> .</p>			
<p>Plus one of the following*:</p>			
<a href="#">CHEM101</a>	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
<a href="#">CHEM104</a>	Foundation Chemistry: Properties of Matter	6	Autumn
<a href="#">PHYS141</a>	Fundamentals of Physics A	6	Autumn
<p>*Note: The subject selected in Autumn will determine the subject you select in Spring session. Students who select <a href="#">PHYS141</a> in Autumn will be required to select <a href="#">PHYS142</a> in Spring session. Students who wish to complete one of the CHEM subjects must select <a href="#">CHEM101</a> if they have achieved a mark of 65% or more in NSW HSC Chemistry or equivalent. All other students must select <a href="#">CHEM104</a> .</p>			
<p><b>Spring</b></p>			
<a href="#">EESC102</a>	Earth's Interconnected Spheres	6	Spring
<a href="#">SCED101</a>	Conceptions of Science	6	Spring
<a href="#">BIOL103</a>	Molecules, Cells and Organisms	6	Spring
<p>Plus ONE of the following**:</p>			
<a href="#">CHEM102</a>	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
<a href="#">CHEM105</a>	Foundation Chemistry: Reactions and Structures	6	Spring
<a href="#">PHYS142</a>	Fundamentals of Physics B	6	Spring
<p>**Note: Students who completed <a href="#">PHYS141</a> in Autumn session are required to select <a href="#">PHYS142</a> . Students who wish to complete one</p>			

of the CHEM subjects must select [CHEM102](#) if they have achieved a mark of 65% or more in NSW HSC Chemistry or equivalent. All other students must select [CHEM105](#).

## Year 2

### Autumn

<a href="#">EDPS111</a>	Education Foundations: Introduction to Teacher Education	6	Autumn
<a href="#">BIOL104</a>	Evolution, Biodiversity and Environment	6	Autumn
<a href="#">EESC203</a>	Biogeography and Environmental Change	6	Autumn

Plus ONE of the following:

<a href="#">PHYS233</a>	Introduction to Environmental Physics	6	Autumn
<a href="#">CHEM215</a>	Food Chemistry	6	Autumn
<a href="#">CHEM212</a>	Organic Chemistry II	6	Autumn

### Spring

<a href="#">EDPS201</a>	Quality Teaching and Learning in Secondary Education I	6	Spring
<a href="#">EDSS202</a>	Science Pedagogy 1	6	Spring
<a href="#">EDPS302</a>	Creating Positive Learning Environments	6	Spring
<a href="#">EDAE302</a>	Aboriginal Education	6	Spring

## Year 3

### Autumn

<a href="#">EDPS222</a>	Teachers as Communicators	6	Autumn
<a href="#">EDLE301</a>	Learners With Exceptional Needs	6	Autumn

<a href="#">EDPS301</a>	Quality Teaching and Learning in Secondary Education II	6	Autumn
<a href="#">EDIC401</a>	Effective use of ICT for Teaching & Learning	6	Autumn
<b>Spring</b>			
<a href="#">GEOG222</a>	Society and Environment: Resources, Challenges, Futures	6	Spring
<a href="#">EDLD302</a>	Teaching Culturally and Linguistically Diverse Students	6	Spring
Plus ONE of the following:			
<a href="#">BIOL241</a>	Biodiversity of Terrestrial Organisms	6	Spring
<a href="#">CHEM214</a>	Analytical and Environmental Chemistry	6	Spring
<a href="#">PHYS295</a>	Astronomy - Concepts of the Universe	6	Spring
Plus ONE subject at 200 or 300 level from the <a href="#">General Schedule</a> .		6	Spring
<b>Year 4</b>			
<b>Autumn</b>			
<a href="#">EDPS401</a>	Quality Teaching and Learning in Secondary Education III	6	Autumn
<a href="#">EDSS401</a>	Science Pedagogy 2	6	Autumn
<a href="#">EESC328</a>	Dung, Death and Decay: Modern scientific methods in archaeology	6	Autumn
<a href="#">EESC321</a>	Plate Tectonics, Macrotopography and Earth History	6	Autumn
<b>Spring</b>			
<a href="#">EDPS402</a>	Leadership, Management &	12	Spring

	Professional Learning in Secondary Education		
Plus TWO seven week intensive electives from the School of Education.		12	Spring

For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Physics as First Teaching Area

In addition to qualifying for Physics as a first teaching area, students may choose to qualify for a second teaching area in Chemistry, Biology or Earth and Environmental Science by choosing different elective options.

For Chemistry as a second teaching area, students need to complete two CHEM subjects.

For Biology as a second teaching area, students need to complete two BIOL subjects.

For Earth and Environmental Science as a second teaching area, students need to complete one BIOL subject and one EESC subject.

Please note that in order to qualify for a second teaching area, students may need to exceed the minimum degree requirement of 192cp, with no more than 60cp of 100 level subjects counting towards the degree.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn</b>			
<a href="#">PSYS150</a>	Foundations of Human Development and Behaviour	6	Autumn
<a href="#">MATH187</a>	Mathematics 1: Algebra and Differential Calculus	6	Autumn
<a href="#">PHYS141</a>	Fundamentals of Physics A	6	Autumn
Plus ONE of the following:			
<a href="#">BIOL104</a>	Evolution, Biodiversity and Environment	6	Autumn
<a href="#">BIOL105</a>	Functional Biology of Animals	6	Autumn

	and Plants		
CHEM101	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
EESC101	Planet Earth	6	Autumn
<b>Spring</b>			
PHYS142	Fundamentals of Physics B	6	Spring
SCED101	Conceptions of Science	6	Spring
MATH188	Mathematics 2: Series and Integral Calculus	6	Spring
Plus ONE of the following:			
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
BIOL103	Molecules, Cells and Organisms	6	Spring
EESC102	Earth's Interconnected Spheres	6	Spring
<b>Year 2</b>			
<b>Autumn</b>			
EDPS111	Education Foundations: Introduction to Teacher Education	6	Autumn
MATH201	Multivariate and Vector Calculus	6	Autumn
PHYS205	Advanced Modern Physics	6	Autumn
PHYS215	Vibrations, Waves & Optics	6	Autumn
<b>Spring</b>			
EDPS201	Quality Teaching and Learning in Secondary Education I	6	Spring
EDSS202	Science Pedagogy 1	6	Spring
EDPS302	Creating Positive Learning Environments	6	Spring



<a href="#">EDAE302</a>	Aboriginal Education	6	Spring
<b>Year 3</b>			
<b>Autumn</b>			
<a href="#">EDPS222</a>	Teachers as Communicators	6	Autumn
<a href="#">EDLE301</a>	Learners With Exceptional Needs	6	Autumn
<a href="#">EDPS301</a>	Quality Teaching and Learning in Secondary Education II	6	Autumn
<a href="#">EDIC401</a>	Effective use of ICT for Teaching & Learning	6	Autumn
<b>Spring</b>			
<a href="#">MATH202</a>	Differential Equations: Analysis and Applications	6	Spring
<a href="#">PHYS225</a>	Electromagnetism and Optoelectronics	6	Spring
<a href="#">EDLD302</a>	Teaching Culturally and Linguistically Diverse Students	6	Spring
Plus ONE of the following:			
<a href="#">PHYS255</a>	Radiation Physics	6	Spring
<a href="#">PHYS295</a>	Astronomy - Concepts of the Universe	6	Spring
<b>Year 4</b>			
<b>Autumn</b>			
<a href="#">EDPS401</a>	Quality Teaching and Learning in Secondary Education III	6	Autumn
<a href="#">EDSS401</a>	Science Pedagogy 2	6	Autumn
Plus TWO of the following:			
<a href="#">PHYS305</a>	Quantum Mechanics	6	Autumn

<a href="#">PHYS325</a>	Electromagnetism	6	Autumn
<a href="#">PHYS306</a>	Project in Physics	6	Autumn, Spring
<a href="#">PHYS335</a>	Classical Mechanics	6	Autumn
<a href="#">PHYS356</a>	Physics of Detectors and Imaging	6	Autumn
<a href="#">PHYS390</a>	Relativity, Astrophysics, and Cosmology	6	Not available in 2019
<b>Spring</b>			
<a href="#">EDPS402</a>	Leadership, Management & Professional Learning in Secondary Education	12	Spring
Plus TWO seven week intensive electives from the School of Education.		12	Spring

For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Dean's Scholar

A Dean's Scholar program is available for high achieving students. For further information refer to the [Bachelor of Science Education \(Dean's Scholar\)](#).

## Compulsory Work Placement / Online Components

This course contains a total of 560 hours or approximately 80 days of compulsory work-based placements, completed over 24 weeks throughout the degree. This course may also contain compulsory components to be completed online.

## Professional Recognition/Accreditation

This degree is accredited and recognised as a national professional teaching qualification. Students seeking work outside NSW or Australia are advised to

check with potential employers and other teacher registration authorities for any additional requirements.

The University of Wollongong is committed to supporting students to meet the accreditation requirements to teach in Catholic Diocesan schools. Please contact your Academic Program Director for more information.

## Other Information

For further information email: [ssc@uow.edu.au](mailto:ssc@uow.edu.au)

Last reviewed: 27 October, 2018

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### Connect with us



On the lands that we study, we walk, and we live, we acknowledge and respect the traditional custodians and cultural knowledge holders of these lands.

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# 2019 Undergraduate Courses

Home

□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Science Education (Dean's Scholar) | 2019

Testamur Title of Degree:	Bachelor of Science Education (Dean's Scholar)
Abbreviation:	BScEd(Dean'sSchol)
UOW Course Code:	1825
CRICOS Code:	087759M
Total Credit Points:	192
Duration:	4 years full-time or part time equivalent
Home Faculty:	Faculty of Social Sciences
Intake Sessions:	Autumn
Delivery Mode:	On-Campus
Delivery Campus / UAC Code:	Wollongong / 755203

## Overview

The Bachelor of Science Education (Dean's Scholar) at UOW is a four-year degree that involves deepening your knowledge of science and developing the skills to implement this knowledge in modern secondary classrooms.

Teaching the next generation of scientists requires specific skills, and in the Bachelor of Science Education degree you will combine studying science and education subjects at university with extensive professional experience in secondary schools. Science subjects including Biology, Chemistry, Earth and Environmental Science, and Physics are complemented with education subjects about teaching strategies, building your professional teaching skills, developing children's literacy and numeracy skills, teaching children with special needs, using ICT in the classroom and classroom management.

The Bachelor of Science Education (Dean's Scholar) is a program for high-achieving students who wish to continue their studies through honours and research degrees. As a Dean's Scholar you will make a scholarly contribution to your field of study and to UOW. You will have access to an academic mentor, extended library privileges, invitations to attend School workshops and seminars, and networking events. There is also the opportunity for casual employment in the UOW Faculty of Social Sciences, community research, or projects supervised by leading practitioners or scholars for 15 hours per year.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to:

CLO	Description
1	Demonstrate broad and coherent theoretical and practical knowledge of educational principles within the context of secondary science teaching.
2	Participate in guided and self-directed enrichment activities on campus, in school and in community settings.
3	Demonstrate coherent core knowledge of the fundamentals of secondary science disciplines.

4	Demonstrate depth and breadth of knowledge in one or more discipline areas of sciences.
5	Demonstrate their cognitive and technical skills to create teaching tools and critically review, analyse, synthesise and solve problems within a scientific field.
6	Demonstrate critical thinking and judgement when problem solving and identifying the complexities of their role as secondary science teachers.
7	Demonstrate the ability to clearly communicate educational knowledge and scientific principles and problem solving skills in the teaching environment.
8	Demonstrate higher order thinking in relation to current and future educational challenges.
9	Demonstrate autonomy and problem solving ability in professional practice, including differentiation of pedagogical strategies, planning teaching and learning activities and reflection on practice within secondary science education.
10	Demonstrate their capacity to be reflective practitioners with an evolving understanding of the multi-faceted role of the teacher within the learning environment.

## Course Structure

The Bachelor of Science Education (Dean's Scholar) requires:

- a. The successful completion of at least 192 credit points. Students are required to select a first teaching area in one of the following: [Biology](#), [Chemistry](#), [Earth and Environmental Science](#) or [Physics](#), and complete the subjects specified in the relevant table.
- b. The successful completion of the compulsory Professional Experience components embedded in the course.
- c. Students must successfully complete 36 credit points from the Year 1 subjects to be eligible for the first Professional Experience and to enrol in Year 2 subjects. Students should also note that a number of subject prerequisites will be in place throughout the course.
- d. Students must have passed all core subjects and the Literacy and Numeracy Test (LANTITE) and be enrolled in any annual and final semester core subjects to be eligible for their final Professional Experience. Alternative arrangements are only possible with permission from the Academic Program Director and Head of Students.
- e. Students must successfully complete all subject requirements, including the teaching performance assessment (UOW TPA) in [EDPS402](#), to be eligible to graduate.
- f. To remain enrolled in the Dean's Scholar program, students must maintain a minimum weighted average mark (WAM) of 80 in each year of enrolment, from and including Year 2.
- g. No more than 60 credit points will be at 100 level.

## Biology as First Teaching Area

In addition to qualifying for Biology as a first teaching area, students may choose to qualify for a second teaching area in Physics, Chemistry or Earth and Environmental Science by choosing different elective options. For Chemistry as a second teaching area, students will need to complete at least two CHEM subjects.

For Earth and Environmental Science as a second teaching area, students will need to complete one EESC subject.

For Physics as a second teaching area, students will need to complete two PHYS subjects. Note that PHYS subjects often have MATH pre-requisites.

Please note that in order to qualify for a second teaching area, students may need to exceed the minimum degree requirement of 192cp, with no more than 60cp of 100 level subjects counting towards the degree.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn</b>			
<a href="#">PSYS150</a>	Foundations of Human Development and Behaviour	6	Autumn
<a href="#">BIOL104</a>	Evolution, Biodiversity and Environment	6	Autumn
<a href="#">BIOL105</a>	Functional Biology of Animals and Plants	6	Autumn
Plus ONE of the following*:			
<a href="#">CHEM101</a>	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
<a href="#">CHEM104</a>	Foundation Chemistry: Properties of Matter	6	Autumn
*Note: Students who have achieved a mark of 65% or more in NSW HSC Chemistry or equivalent must select <a href="#">CHEM101</a> . All other students must select <a href="#">CHEM104</a> .			
<b>Spring</b>			

<a href="#">BIOL103</a>	Molecules, Cells and Organisms	6	Spring
<a href="#">SCED101</a>	Conceptions of Science	6	Spring
Plus ONE of the following**:			
<a href="#">CHEM102</a>	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
<a href="#">CHEM105</a>	Foundation Chemistry: Reactions and Structures	6	Spring
<p>**Note: Students who have achieved a mark of 65% or more in NSW HSC Chemistry or equivalent must select <a href="#">CHEM102</a> . All other students must select <a href="#">CHEM105</a> . Students who complete <a href="#">CHEM104</a> and <a href="#">CHEM105</a> may also be required to complete <a href="#">CHEM106</a> in Summer session if they intend to undertake additional 200-300 level chemistry subjects.</p>			
Plus ONE of the following:			
<a href="#">EESC102</a>	Earth's Interconnected Spheres	6	Spring
<a href="#">SCIE103</a>	Climate Change	6	Spring
<a href="#">PHYS295</a>	Astronomy - Concepts of the Universe	6	Spring
<b>Year 2</b>			
<b>Autumn</b>			
<a href="#">EDPS111</a>	Education Foundations: Introduction to Teacher Education	6	Autumn
<a href="#">BIOL213</a>	Principles of Biochemistry	6	Autumn
<a href="#">BIOL251</a>	Principles of Ecology	6	Autumn
Plus ONE of the following***:			
<a href="#">MATH151</a>	General Mathematics 1A	6	Autumn
<a href="#">BIOL240</a>	Biodiversity of Marine and Freshwater Organisms	6	Autumn



\*\*\*Students who completed HSC Advanced Mathematics with Band 3 or lower, or HSC General Mathematics are required to successfully complete [MATH151](#) . [MATH151](#) is also available in Summer or Year 4 Autumn session.

### Spring

<a href="#">EDPS201</a>	Quality Teaching and Learning in Secondary Education I	6	Spring
<a href="#">EDSS202</a>	Science Pedagogy 1	6	Spring
<a href="#">EDAE302</a>	Aboriginal Education	6	Spring
<a href="#">EDPS302</a>	Creating Positive Learning Environments	6	Spring

### Year 3

#### Autumn

<a href="#">EDPS222</a>	Teachers as Communicators	6	Autumn
<a href="#">EDLE301</a>	Learners With Exceptional Needs	6	Autumn
<a href="#">EDPS301</a>	Quality Teaching and Learning in Secondary Education II	6	Autumn
<a href="#">EDIC401</a>	Effective use of ICT for Teaching & Learning	6	Autumn

### Spring

<a href="#">EDLD302</a>	Teaching Culturally and Linguistically Diverse Students	6	Spring
<a href="#">BIOL215</a>	Introductory Genetics	6	Spring
<a href="#">BIOL252</a>	Evolution and Behaviour	6	Spring

Plus ONE of the following:

<a href="#">STAT252</a>	Statistics For the Natural Sciences	6	Spring
<a href="#">EDER202</a> *	Dean's Scholars Project	6	Spring

<b>Year 4</b>			
<b>Autumn</b>			
EDPS401	Quality Teaching and Learning in Secondary Education III	6	Autumn
EDSS401	Science Pedagogy 2	6	Autumn
Plus TWO of the following subjects (check pre-requisites prior to selection):			
BIOL361	Conservation Biology	6	Autumn
BIOL362	Ecophysiology	6	Autumn
BIOL343	Techniques in Biotechnology and Medical Research	6	Autumn
<b>Spring</b>			
EDPS402	Leadership, Management & Professional Learning in Secondary Education	12	Spring
Plus TWO seven week intensive electives from the School of Education.		12	Spring

\* *Dean's Scholars are required to complete EDER202.*

For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Chemistry as First Teaching Area

In addition to qualifying for Chemistry as a first teaching area, students may choose to qualify for a second teaching area in Physics, Biology or Earth and Environmental Science by choosing different elective options.

For Physics as a second teaching area, students need to complete two PHYS subjects.

For Biology as a second teaching area, students need to complete two BIOL subjects.

For Earth and Environmental Science as a second teaching area, students need to complete one BIOL subject and one EESC subject.

Please note that in order to qualify for a second teaching area, students may

need to exceed the minimum degree requirement of 192cp, with no more than 60cp of 100 level subjects counting towards the degree.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn</b>			
<a href="#">PSYS150</a>	Foundations of Human Development and Behaviour	6	Autumn
Plus ONE of the following:			
<a href="#">PHYS141</a>	Fundamentals of Physics A	6	Autumn
<a href="#">BIOL104</a>	Evolution, Biodiversity and Environment	6	Autumn
<a href="#">BIOL105</a>	Functional Biology of Animals and Plants	6	Autumn
<a href="#">EESC101</a>	Planet Earth	6	Autumn
Plus ONE of the following*:			
<a href="#">CHEM101</a>	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
<a href="#">CHEM104</a>	Foundation Chemistry: Properties of Matter	6	Autumn
*Note: Students who have achieved a mark of 65% or more in NSW HSC Chemistry or equivalent must select <a href="#">CHEM101</a> . All other students must select <a href="#">CHEM104</a> .			
Plus ONE of the following***:			
<a href="#">MATH151</a>	General Mathematics 1A	6	Autumn
<a href="#">MATH187</a>	Mathematics 1: Algebra and Differential Calculus	6	Autumn
***Students who completed HSC Advanced Mathematics with Band 3 or lower, or HSC General Mathematics are required to			

successfully complete [MATH151](#) . Students who complete [CHEM104](#) may be required to complete [CHEM106](#) in Summer session in order to meet the pre-requisites for some 200-300 level chemistry subjects.

### Spring

<a href="#">SCED101</a>	Conceptions of Science	6	Spring
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Plus ONE of the following\*\*:

<a href="#">CHEM102</a>	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
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<a href="#">CHEM105</a>	Foundation Chemistry: Reactions and Structures	6	Spring
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\*\*Note: Students who have achieved a mark of 65% or more in NSW HSC Chemistry or equivalent must select [CHEM102](#) . All other students must select [CHEM105](#) . Students who complete [CHEM104](#) and [CHEM105](#) may also be required to complete [CHEM106](#) in Summer session in order to meet the pre-requisites for some 200-300 level chemistry subjects.

Plus TWO of the following:

<a href="#">BIOL103</a>	Molecules, Cells and Organisms	6	Spring
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<a href="#">EESC102</a>	Earth's Interconnected Spheres	6	Spring
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<a href="#">MATH188</a>	Mathematics 2: Series and Integral Calculus	6	Spring
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<a href="#">PHYS142</a>	Fundamentals of Physics B	6	Spring
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### Year 2

#### Autumn

<a href="#">EDPS111</a>	Education Foundations: Introduction to Teacher Education	6	Autumn
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<a href="#">CHEM211</a>	Inorganic Chemistry II	6	Autumn
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<a href="#">CHEM212</a>	Organic Chemistry II	6	Autumn
Plus ONE of the following:			
<a href="#">BIOL104</a>	Evolution, Biodiversity and Environment	6	Autumn
<a href="#">BIOL105</a>	Functional Biology of Animals and Plants	6	Autumn
<a href="#">PHYS141</a>	Fundamentals of Physics A	6	Autumn
<a href="#">BIOL213</a>	Principles of Biochemistry	6	Autumn
<b>Spring</b>			
<a href="#">EDPS201</a>	Quality Teaching and Learning in Secondary Education I	6	Spring
<a href="#">EDSS202</a>	Science Pedagogy 1	6	Spring
<a href="#">EDPS302</a>	Creating Positive Learning Environments	6	Spring
<a href="#">EDAE302</a>	Aboriginal Education	6	Spring
<b>Year 3</b>			
<b>Autumn</b>			
<a href="#">EDPS222</a>	Teachers as Communicators	6	Autumn
<a href="#">EDLE301</a>	Learners With Exceptional Needs	6	Autumn
<a href="#">EDPS301</a>	Quality Teaching and Learning in Secondary Education II	6	Autumn
<a href="#">EDIC401</a>	Effective use of ICT for Teaching & Learning	6	Autumn
<b>Spring</b>			
<a href="#">CHEM213</a>	Molecular Structure, Reactivity and Change	6	Spring
<a href="#">CHEM214</a>	Analytical and Environmental Chemistry	6	Spring

EDLD302	Teaching Culturally and Linguistically Diverse Students	6	Spring
Plus ONE of the following:			
EDER202 *	Dean's Scholars Project	6	Spring
ONE subject at 200 level from the Biology, Physics or Earth and Environmental Science schedule.		6	Spring
<b>Year 4</b>			
<b>Autumn</b>			
EDSS401	Science Pedagogy 2	6	Autumn
EDPS401	Quality Teaching and Learning in Secondary Education III	6	Autumn
Plus TWO subjects selected from the following:			
CHEM324	Chemical Analysis and Inference	6	Autumn
CHEM337	Environmental Chemistry	6	Autumn
CHEM341	Chemistry Laboratory Project	6	Autumn, Spring, Summer 2019/2020
CHEM374	Molecular Spectroscopy and Structure Elucidation	6	Autumn
<b>Spring</b>			
EDPS402	Leadership, Management & Professional Learning in Secondary Education	12	Spring
Plus TWO seven week intensive electives from the School of Education.		12	Spring

\* Dean's Scholars are required to complete EDER202.

For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Earth and Environmental Science as First Teaching Area

In addition to qualifying for Earth and Environmental Science as a first teaching area, students may choose to qualify for a second teaching area in Physics, Biology or Chemistry by choosing different elective options.

For Physics as a second teaching area, students need to complete two PHYS subjects.

For Chemistry as a second teaching area, students need to complete two CHEM subjects.

For Biology as a second teaching area, students need to complete two BIOL subjects and either two CHEM or two PHYS subjects. At least two of these four subjects will need to be at 200 level or higher. Note that most 200 level Biology subjects will have pre-requisites.

Please note that in order to qualify for a second teaching area, students may need to exceed the minimum degree requirement of 192cp, with no more than 60cp of 100 level subjects counting towards the degree.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn</b>			
<a href="#">PSYS150</a>	Foundations of Human Development and Behaviour	6	Autumn
<a href="#">EESC101</a>	Planet Earth	6	Autumn
Plus ONE of the following***:			
<a href="#">MATH151</a>	General Mathematics 1A	6	Autumn
<a href="#">MATH187</a>	Mathematics 1: Algebra and Differential Calculus	6	Autumn
***Students who completed HSC Advanced Mathematics with Band 3 or lower, or HSC General Mathematics are required to successfully complete <a href="#">MATH151</a> .			
Plus one of the following*:			

<a href="#">CHEM101</a>	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
<a href="#">CHEM104</a>	Foundation Chemistry: Properties of Matter	6	Autumn
<a href="#">PHYS141</a>	Fundamentals of Physics A	6	Autumn
<p>*Note: The subject selected in Autumn will determine the subject you select in Spring session. Students who select <a href="#">PHYS141</a> in Autumn will be required to select <a href="#">PHYS142</a> in Spring session. Students who wish to complete one of the CHEM subjects must select <a href="#">CHEM101</a> if they have achieved a mark of 65% or more in NSW HSC Chemistry or equivalent. All other students must select <a href="#">CHEM104</a>.</p>			
<b>Spring</b>			
<a href="#">EESC102</a>	Earth's Interconnected Spheres	6	Spring
<a href="#">SCED101</a>	Conceptions of Science	6	Spring
<a href="#">BIOL103</a>	Molecules, Cells and Organisms	6	Spring
Plus ONE of the following**:			
<a href="#">CHEM102</a>	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
<a href="#">CHEM105</a>	Foundation Chemistry: Reactions and Structures	6	Spring
<a href="#">PHYS142</a>	Fundamentals of Physics B	6	Spring
<p>**Note: Students who completed <a href="#">PHYS141</a> in Autumn session are required to select <a href="#">PHYS142</a>. Students who wish to complete one of the CHEM subjects must select <a href="#">CHEM102</a> if they have achieved a mark of 65% or more in NSW HSC Chemistry or equivalent. All other students must select <a href="#">CHEM105</a>.</p>			
<b>Year 2</b>			
<b>Autumn</b>			
<a href="#">EDPS111</a>	Education Foundations: Introduction to Teacher Education	6	Autumn



<a href="#">BIOL104</a>	Evolution, Biodiversity and Environment	6	Autumn
<a href="#">EESC203</a>	Biogeography and Environmental Change	6	Autumn
Plus ONE of the following:			
<a href="#">PHYS233</a>	Introduction to Environmental Physics	6	Autumn
<a href="#">CHEM215</a>	Food Chemistry	6	Autumn
<a href="#">CHEM212</a>	Organic Chemistry II	6	Autumn
<b>Spring</b>			
<a href="#">EDPS201</a>	Quality Teaching and Learning in Secondary Education I	6	Spring
<a href="#">EDSS202</a>	Science Pedagogy 1	6	Spring
<a href="#">EDPS302</a>	Creating Positive Learning Environments	6	Spring
<a href="#">EDAE302</a>	Aboriginal Education	6	Spring
<b>Year 3</b>			
<b>Autumn</b>			
<a href="#">EDPS222</a>	Teachers as Communicators	6	Autumn
<a href="#">EDLE301</a>	Learners With Exceptional Needs	6	Autumn
<a href="#">EDPS301</a>	Quality Teaching and Learning in Secondary Education II	6	Autumn
<a href="#">EDIC401</a>	Effective use of ICT for Teaching & Learning	6	Autumn
<b>Spring</b>			
<a href="#">GEOG222</a>	Society and Environment: Resources, Challenges, Futures	6	Spring
<a href="#">EDLD302</a>	Teaching Culturally and	6	Spring

	Linguistically Diverse Students		
Plus ONE of the following:			
<a href="#">BIOL241</a>	Biodiversity of Terrestrial Organisms	6	Spring
<a href="#">CHEM214</a>	Analytical and Environmental Chemistry	6	Spring
<a href="#">PHYS295</a>	Astronomy - Concepts of the Universe	6	Spring
Plus ONE of the following:			
<a href="#">EDER202</a> *	Dean's Scholars Project	6	Spring
	ONE subject at 200 or 300 level from the <a href="#">General Schedule</a> .	6	Spring
<b>Year 4</b>			
<b>Autumn</b>			
<a href="#">EDPS401</a>	Quality Teaching and Learning in Secondary Education III	6	Autumn
<a href="#">EDSS401</a>	Science Pedagogy 2	6	Autumn
<a href="#">EESC328</a>	Dung, Death and Decay: Modern scientific methods in archaeology	6	Autumn
<a href="#">EESC321</a>	Plate Tectonics, Macrotopography and Earth History	6	Autumn
<b>Spring</b>			
<a href="#">EDPS402</a>	Leadership, Management & Professional Learning in Secondary Education	12	Spring
	Plus TWO seven week intensive electives from the School of Education.	12	Spring

\* Dean' Scholars are required to complete EDER202.

For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Physics as First Teaching Area

In addition to qualifying for Physics as a first teaching area, students may choose to qualify for a second teaching area in Chemistry, Biology or Earth and Environmental Science by choosing different elective options.

For Chemistry as a second teaching area, students need to complete two CHEM subjects.

For Biology as a second teaching area, students need to complete two BIOL subjects.

For Earth and Environmental Science as a second teaching area, students need to complete one BIOL subject and one EESC subject.

Please note that in order to qualify for a second teaching area, students may need to exceed the minimum degree requirement of 192cp, with no more than 60cp of 100 level subjects counting towards the degree.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn</b>			
<a href="#">PSYS150</a>	Foundations of Human Development and Behaviour	6	Autumn
<a href="#">MATH187</a>	Mathematics 1: Algebra and Differential Calculus	6	Autumn
<a href="#">PHYS141</a>	Fundamentals of Physics A	6	Autumn
Plus ONE of the following:			
<a href="#">BIOL104</a>	Evolution, Biodiversity and Environment	6	Autumn
<a href="#">BIOL105</a>	Functional Biology of Animals and Plants	6	Autumn
<a href="#">CHEM101</a>	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn

<a href="#">EESC101</a>	Planet Earth	6	Autumn
<b>Spring</b>			
<a href="#">PHYS142</a>	Fundamentals of Physics B	6	Spring
<a href="#">SCED101</a>	Conceptions of Science	6	Spring
<a href="#">MATH188</a>	Mathematics 2: Series and Integral Calculus	6	Spring
Plus ONE of the following:			
<a href="#">CHEM102</a>	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
<a href="#">BIOL103</a>	Molecules, Cells and Organisms	6	Spring
<a href="#">EESC102</a>	Earth's Interconnected Spheres	6	Spring
<b>Year 2</b>			
<b>Autumn</b>			
<a href="#">EDPS111</a>	Education Foundations: Introduction to Teacher Education	6	Autumn
<a href="#">MATH201</a>	Multivariate and Vector Calculus	6	Autumn
<a href="#">PHYS205</a>	Advanced Modern Physics	6	Autumn
<a href="#">PHYS215</a>	Vibrations, Waves & Optics	6	Autumn
<b>Spring</b>			
<a href="#">EDPS201</a>	Quality Teaching and Learning in Secondary Education I	6	Spring
<a href="#">EDSS202</a>	Science Pedagogy 1	6	Spring
<a href="#">EDPS302</a>	Creating Positive Learning Environments	6	Spring
<a href="#">EDAE302</a>	Aboriginal Education	6	Spring
<b>Year 3</b>			

<b>Autumn</b>			
<a href="#">EDPS222</a>	Teachers as Communicators	6	Autumn
<a href="#">EDLE301</a>	Learners With Exceptional Needs	6	Autumn
<a href="#">EDPS301</a>	Quality Teaching and Learning in Secondary Education II	6	Autumn
<a href="#">EDIC401</a>	Effective use of ICT for Teaching & Learning	6	Autumn
<b>Spring</b>			
<a href="#">MATH202</a>	Differential Equations: Analysis and Applications	6	Spring
<a href="#">PHYS225</a>	Electromagnetism and Optoelectronics	6	Spring
<a href="#">EDLD302</a>	Teaching Culturally and Linguistically Diverse Students	6	Spring
Plus ONE of the following:			
<a href="#">EDER202</a> *	Dean's Scholars Project	6	Spring
<a href="#">PHYS255</a>	Radiation Physics	6	Spring
<a href="#">PHYS295</a>	Astronomy - Concepts of the Universe	6	Spring
<b>Year 4</b>			
<b>Autumn</b>			
<a href="#">EDPS401</a>	Quality Teaching and Learning in Secondary Education III	6	Autumn
<a href="#">EDSS401</a>	Science Pedagogy 2	6	Autumn
Plus TWO of the following:			
<a href="#">PHYS305</a>	Quantum Mechanics	6	Autumn
<a href="#">PHYS325</a>	Electromagnetism	6	Autumn

PHYS306	Project in Physics	6	Autumn, Spring
PHYS335	Classical Mechanics	6	Autumn
PHYS356	Physics of Detectors and Imaging	6	Autumn
PHYS390	Relativity, Astrophysics, and Cosmology	6	Not available in 2019
<b>Spring</b>			
EDPS402	Leadership, Management & Professional Learning in Secondary Education	12	Spring
Plus TWO seven week intensive electives from the School of Education.		12	Spring

*\* Dean's Scholars are required to complete EDER202.*

For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Compulsory Work Placement / Online Components

This course contains a total of 560 hours or approximately 80 days of compulsory work-based placements, completed over 24 weeks throughout the degree. This course may also contain compulsory components to be completed online.

## Professional Recognition/Accreditation

This degree is accredited and recognised as a national professional teaching qualification. Students seeking work outside NSW or Australia are advised to check with potential employers and other teacher registration authorities for any additional requirements.

The University of Wollongong is committed to supporting students to meet the accreditation requirements to teach in Catholic Diocesan schools. Please contact your Academic Program Director for more information.

## Other Information

For further information email: [ssc@uow.edu.au](mailto:ssc@uow.edu.au)

Last reviewed: 29 October, 2018

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# 2019 Undergraduate Courses

Home

□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Social Science | 2019

Testamur Title of Degree:	Bachelor of Social Science
Abbreviation:	BSocSc
UOW Course Code:	344
CRICOS Code:	081145A
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Social Sciences
Intake Session(s):	Autumn, Spring
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 755300, 755320 Shoalhaven / 755301

## Overview



Social Sciences helps transform the lives of individuals, families and communities by understanding, explaining, predicting and changing human behaviour and environments. To do this Social Science students engage in interdisciplinary study about human behaviour, including foundations in psychology, social policy, sociology, human geography, research methodology, social justice and social determinants of health and wellbeing.

Each student has the opportunity to build a unique study pathway. From a strong common foundation of compulsory core social science subjects in first year, students then choose and complete a specialised major, which is complemented by either a minor in either Social Sciences or another speciality area from any field in the University offering cross-faculty enrolment.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to:

CLO	Description
1	Integrate knowledge and understanding of the interdisciplinary nature of the social sciences and social science practice.
2	Consolidate and synthesise theoretical and practical knowledge of the dynamics of social systems and practices in different settings and apply this to their chosen speciality.
3	Inquire into the dynamics of particular social problems and practices using established social science protocols consistent with their speciality.
4	Inquire into and address ongoing learning needs.
5	Analyse unpredictable, complex problems, issues and situations; apply creative, logical and critical thinking skills; and form evidence-based judgements regarding possible solutions.
6	Articulate ideas using a wide range of techniques effective with different audiences, including experts and non-experts.
7	Work collaboratively with a range of people in different cultural, cross-cultural and regional contexts to best effect desired and desirable social

	change.
8	Recognise the importance of ethical practice, social responsibility, social justice and civic awareness when acting to resolve conflicts, address problems and respond to social and environmental challenges.

## Course Structure

The Bachelor of Social Science requires the successful completion of 144 credit points of subjects including:

1. all core subjects;
2. a Social Science major;
3. at least one of either:
  - a Social Science minor, or
  - minor from the [General Schedule of Minors](#), or
  - students enrolled in the Bachelor of Social Science ([Pathway to Primary Education](#)) are required to complete the Foundations in Teaching minor;
4. additional elective credit points to complete the degree, if required; and
5. no more than 60 credit points of 100 level subjects shall be completed.

Students enrolled in the Bachelor of Social Science (Pathway to Primary Education) are required to maintain a weighted average mark (WAM) of 65 in each year of enrolment to qualify for admission to the [Master of Teaching \(Primary\)](#).

As per the [General Course Rules](#), no more than one subject may be cross counted towards a minor, major or core degree requirement.

### Core subjects

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">PSYC101</a>	Introduction to Behavioural Science	6	Autumn, Summer 2019/2020
<a href="#">GEOG121</a>	Human Geography: Life in a Globalising World	6	Autumn
<a href="#">HAS 220</a>	Becoming a Social Scientist: Interdisciplinary Competencies	6	Autumn
<a href="#">PSYC123</a>	Research Methods and Statistics	6	Spring

<a href="#">GEOG122</a>	Human Geography: Living in a Material World	6	Spring
<a href="#">HAS 121</a>	Human Development in Social Context	6	Spring
<i>And one or both of:**</i>			
<a href="#">SOC 103</a>	Introduction to Sociology	6	Autumn
<a href="#">HAS 130</a>	Social Determinants of Health	6	Autumn
<b>Year 2</b>			
<a href="#">GEOG221</a>	Population Geography: People, Place, Inequality	6	Autumn
<a href="#">HAS 202</a> <sup>^</sup>	Introduction to Social Policy	6	Spring
<i>And one or both of:</i>			
<a href="#">HAS 200</a>	Social Justice in a World of Inequality	6	Autumn
<a href="#">GEOG222</a>	Society and Environment: Resources, Challenges, Futures	6	Spring

**\*\*PLEASE NOTE:**

- Students are advised to take [SOC 103](#) if they are intending to complete a major or minor in Criminology, Social Policy or Sociology.
- Students are advised to take [HAS 130](#) if they are intending to complete a major or minor in Health Promotion, Public Health or Social Marketing.
- Students completing the Social Policy major or minor are advised to take [HAS 202](#) in their first year of study.
- Students in other majors should choose a subject according to their interests or planned minors.

<sup>^</sup> Students completing the Social Policy major or minor are advised to take [HAS 202](#) in their first year of study.

## Majors (and delivery locations)

All students must complete one of the following majors. The major should be selected at enrolment.

- [Criminology](#) (Wollongong)
- [Community, Culture & Environment](#) (Shoalhaven)
- [Health Promotion](#) (Wollongong, Shoalhaven)
- [Human Geography](#) (Wollongong)
- [Indigenous Studies](#) ([Wollongong](#), [Shoalhaven](#))
- [Public Health](#) (Wollongong, Shoalhaven)
- [Social Marketing](#) (Wollongong)
- [Social Policy](#) (Wollongong, Shoalhaven)
- [Sociology](#) ([Wollongong](#), [Shoalhaven](#))

Shoalhaven may offer a limited range of choice in subjects in years two and three.

## Minors (and delivery locations)

All students must complete a minor. Students may choose from this recommended list, or from the [General Schedule of Minors](#). Students enrolled in the Bachelor of Social Science (Pathway to Primary Education) must complete the [Foundations in Teaching](#) minor.

- [Criminology](#) (Wollongong)
- [Community, Culture & Environment](#) (Shoalhaven)
- [Food and Society](#)
- [Foundations in Teaching](#) (Wollongong) - *this minor is only available to students enrolled in the Bachelor of Social Science ([Pathway to Primary Education](#))*
- [Human Geography](#) (Wollongong)
- [Indigenous Studies](#) (Wollongong, Shoalhaven)
- [Psychology](#) (Wollongong)
- [Introduction to Public Health](#) (Wollongong, Shoalhaven)
- [Social Marketing](#) (Wollongong)
- [Social Policy](#) (Wollongong, Shoalhaven)
- [Sociology](#) (Wollongong, Shoalhaven)
- [Work Health and Safety](#) (Wollongong)

## Electives

Electives may be selected from any subject listed in the core, major and minor tables for the Bachelor of Social Science, or from the [General Schedule](#).

The following career readiness electives are recommended:

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">CRLP200</a>	Career Ready Learning & Practice	6	Autumn, Spring, Summer 2019/2020
<a href="#">HAS 201</a>	Work Health &	6	Spring

	Safety		
HAS 347	Social Sciences Project	6	Spring

Recommended Social Science electives:

Subject Code	Subject Name	Credit Points	Session(s)
GEOG123	Indigenous Geographies: Questioning Country	6	Spring

For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Pathway to Primary Education

Students enrolled in the Bachelor of Social Science (Pathway to Primary Education) will be given preferential admission to the [Master of Teaching \(Primary\)](#) up to two years after completion of their degree, provided they achieve a WAM of at least 65. The three postgraduate subjects completed in the Foundations in Teaching minor (18 credit points) will be credited towards the Master of Teaching (Primary) degree, thereby reducing the study load in that degree. In the event that quotas restrict places in the postgraduate degree, including access to Commonwealth Supported Places, priority will be based on academic merit (WAM).

Students who achieve a course weighted average mark below 65 will be considered for entry to the postgraduate degree on the same basis as applicants from other courses.

## Foundations in Teaching Minor

The Foundations in Teaching minor is only available to students enrolled in the Bachelor of Social Science (Pathway to Primary Education). The 900-level subjects may only be completed in the final year the degree and require a WAM of at least 65 for enrolment. Please use the [Subject Addition Form](#) to request enrolment in 900-level subjects.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
EDSO101	Education and Society	6	Spring

Year 3			
<a href="#">EDMT906</a>	Aboriginal Education	6	Autumn
<a href="#">EDMT907</a>	Teachers and Community	6	Autumn
<a href="#">EDMT905</a>	Inclusive Education in Schools	6	Spring

## Dean's Scholar

A Dean's Scholar program is available for high achieving students. For further information refer to the [Bachelor of Social Science \(Dean's Scholar\)](#).

## Honours

Students who have achieved a high level of academic performance in the three-year Bachelor of Social Science degree, may apply to complete an additional year at honours level. For further information refer to the [Bachelor of Social Science \(Honours\)](#).

## Other Information

For further information please email: [ssc@uow.edu.au](mailto:ssc@uow.edu.au)

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# 2019 Undergraduate Courses

Home □

□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Social Science (Dean's Scholar) | 2019

Testamur Title of Degree:	Bachelor of Social Science (Dean's Scholar)
Abbreviation:	BSocSc(Dean'sSchol)
UOW Course Code:	346
CRICOS Code:	081324J
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Social Sciences
Intake Session(s):	Autumn
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 755320



## Overview

Social Sciences helps transform the lives of individuals, families and communities by understanding, explaining, predicting and changing human behaviour and environments. To do this Social Science students engage in interdisciplinary study about human behaviour, including foundations in psychology, social policy, sociology, human geography, research methodology, social justice and social determinants of health and well being.

Each student has the opportunity to build a unique study pathway. From a strong common foundation of compulsory core social science subjects in first year, students then choose and complete a specialised major, which is then complemented by a minor in either Social Sciences or another speciality area from any field in the University offering cross-faculty enrolment.

While all social science students will develop application of skills, not all social scientists will lead and achieve social change. As high achieving students, Dean's Scholars will be challenged to reflect on their leadership potential, portfolio of scholarly competencies, leadership and scholarship learning goals, and their role as future social scientists in a changing world where leadership is required. They will apply their insights to real world leadership and community case studies of social problems.

Dean's Scholar students will have the opportunity for casual employment in the Faculty of Social Sciences, community research, or projects supervised by leading practitioners or scholars for 15 hours per year. Other benefits include extended library privileges, invitations to attend School workshops and seminars and networking events.

## Entry Requirements and Credit arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to:

CLO	Description
1	Integrate knowledge and understanding of the interdisciplinary nature of the social sciences and social science practice.

2	Consolidate and synthesise theoretical and practical knowledge of the dynamics of social systems and practices in different settings and apply this to their chosen speciality.
3	Inquire into the dynamics of particular social problems and practices using established social science protocols consistent with their speciality.
4	Inquire into and address ongoing learning needs.
5	Analyse unpredictable, complex problems, issues and situations; apply creative, logical and critical thinking skills; and form evidence-based judgements regarding possible solutions.
6	Articulate ideas using a wide range of techniques effective with different audiences, including experts and non-experts.
7	Work collaboratively with a range of people in different cultural, cross-cultural and regional contexts to best effect desired and desirable social change.
8	Recognise the importance of ethical practice, social responsibility, social justice and civic awareness when acting to resolve conflicts, address problems and respond to social and environmental challenges.
9	Construct an evidence based approach to identifying and developing their leadership potential as a social scientist in a changing world.

## Course Structure

The Bachelor of Social Science (Dean's Scholar) requires the successful completion of 144 credit points of subjects including:

1. all core subjects; and
2. a Social Science major; and
3. a Social Science minor, or minor from the [General Schedule of Minors](#); and
4. additional elective credit points to complete the degree, if required.

Students must maintain a minimum weighted average mark (WAM) of 80 in each year of enrolment, from and including Year 2, to remain enrolled in the Dean's Scholar Program.

No more than 60 credit points of 100-level subjects shall be completed.

As per the [General Course Rules](#), no more than one subject may be cross counted towards a minor, major or core degree requirement.

### Core subjects

Subject Code	Subject Name	Credit Points	Session(s)
<b>Core subjects</b>			

<b>Year 1</b>			
PSYC101	Introduction to Behavioural Science	6	Autumn, Summer 2019/2020
GEOG121	Human Geography: Life in a Globalising World	6	Autumn
HAS 220	Becoming a Social Scientist: Interdisciplinary Competencies	6	Autumn
PSYC123	Research Methods and Statistics	6	Spring
GEOG122	Human Geography: Living in a Material World	6	Spring
HAS 121	Human Development in Social Context	6	Spring
<i>And one or both of:**</i>			
SOC 103	Introduction to Sociology	6	Autumn
HAS 130	Social Determinants of Health	6	Autumn
<b>Year 2</b>			
GEOG221	Population Geography: People, Place, Inequality	6	Autumn
HAS 202 <sup>^</sup>	Introduction to Social Policy	6	Spring
HAS 233	Leadership, Scholarship and Social Change	6	Spring
<i>And one or both of:</i>			
HAS 200	Social Justice in a World of Inequality	6	Autumn
GEOG222	Society and Environment: Resources, Challenges,	6	Spring

**\*\*PLEASE NOTE:**

- Students are advised to take [SOC 103](#) if they are intending to complete a major or minor in Criminology, Social Policy or Sociology.
- Students are advised to take [HAS 130](#) if they are intending to complete a major or minor in Health Promotion, Public Health or Social Marketing.
- Students completing the Social Policy major or minor are advised to take [HAS 202](#) in their first year of study.
- Students in other majors should choose a subject according to their interests or planned minors.

^ Students completing the Social Policy major or minor are advised to take [HAS 202](#) in their first year of study.

## Majors (Delivery Locations)

All students must complete one of the following majors. The major should be selected at enrolment.

- [Criminology](#)
- [Health Promotion](#)
- [Human Geography](#)
- [Indigenous Studies](#)
- [Public Health](#)
- [Social Marketing](#)
- [Social Policy](#)
- [Sociology](#)

## Minors (and delivery locations)

All students must complete a minor. Students may choose from this recommended list, or from the [General Schedule of Minors](#).

- [Criminology](#)
- [Food and Society](#)
- [Human Geography](#)
- [Indigenous Studies](#)
- [Psychology](#)
- [Introduction to Public Health](#)
- [Social Marketing](#)
- [Social Policy](#)
- [Sociology](#)
- [Work Health and Safety](#)

## Electives

Electives may be selected from any subject listed in the core, major and minor tables for the Bachelor of Social Science, or from the [General Elective Subjects](#) list.

The following career readiness electives are recommended:

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">CRLP200</a>	Career Ready Learning & Practice	6	Autumn, Spring, Summer 2019/2020
<a href="#">HAS 201</a>	Work Health & Safety	6	Spring
<a href="#">HAS 347</a>	Social Sciences Project	6	Spring

## Recommended Social Science electives

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">GEOG123</a>	Indigenous Geographies: Questioning Country	6	Spring

For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Honours

Students who wish to complete an additional year at honours level may apply for entry to the [Bachelor of Social Science \(Honours\)](#).

## Other Information

For further information please email: [ssc@uow.edu.au](mailto:ssc@uow.edu.au)

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Social Science (Honours) | 2019

Testamur Title of Degree:	Bachelor of Social Science (Honours)
Abbreviation:	BSocSc(Hons)
UOW Course Code:	345
CRICOS Code:	081325G
Total Credit Points:	48
Duration:	1 year full-time or part-time equivalent
Home Faculty:	Faculty of Social Sciences
Intake Session(s):	Autumn, Spring
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong

## Overview

The Bachelor of Social Science (Honours) is a fourth year of study for high achieving students in the Bachelor of Social Science and Bachelor of Social Science (Dean's Scholar). The Honours degree provides students with the opportunity to undertake research on a topic of interest related to their major and 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 represents a gateway to future research opportunities, both in the form of higher research degrees and as a career in research, or other vocations that require advanced analytical and research skills.

## Entry Requirements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to:

CLO	Description
1	Gain in-depth knowledge of Social Science theory as it applies to a specific practical Social Science research topic.
2	Develop methodological skills in exploring a key Social Science issue in the community.
3	Conceptualise, plan, undertake and report on an independent Social Science research project.
4	Communicate a coherent and sustained argument, explaining and disseminating research results and conclusions.

## Course Structure

The Bachelor of Social Science (Honours) requires the successful completion of a 48 credit point program of advanced study, as specified in the following table. The structure of the program may vary from discipline to discipline, but will include a thesis of at least 24 credit points.

Students enrol in the appropriate Honours program for their chosen



discipline. Part-time options are available in some disciplines but must be arranged with the Head of School for the particular discipline. Students enrolling in the part-time option will need to successfully complete 48 credit points of the equivalent part-time subjects.

Not all disciplines accept enrolments commencing in Spring. You should discuss your plans with an academic adviser in time to plan your entry to honours.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Full-time Year 1</b>			
HAS 400	Honours	48	Annual, Spring 2019/Autumn 2020
<b>Part-time Year 1</b>			
HAS 402	Honours Part 1 (Part-time Students)	24	Annual, Spring 2019/Autumn 2020
<b>Part-time Year 2</b>			
HAS 403	Honours Part 2 (Part-time Students)	24	Annual, Spring 2019/Autumn 2020
<b>Human Geography</b>			
<b>Full-time Year 1</b>			
GEOG401	Human Geography Honours Full-time	48	Annual, Spring 2019/Autumn 2020
<b>Part-time Year 1</b>			
GEOG404	Human Geography Honours Part 1 (Part-time Students)	24	Annual
<b>Part-time Year 2</b>			
GEOG405	Human Geography	24	Annual

Honours Part 2 (Part-time Students)		
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For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

Students completing an honours year in one of the following disciplines will remain enrolled in the Bachelor of Social Science (Honours) degree but complete the subjects specified for that study area in the [Bachelor of Arts \(Honours\)](#):

- Community, Culture & Environment
- Indigenous Studies
- Sociology

## Honours Method

The Honours grade will be calculated in accordance with the University of Wollongong Method 1, i.e. based entirely on performance in 400 level subjects. For further information refer to [General Course Rules](#).

## Other Information

For further information please email: [ssc@uow.edu.au](mailto:ssc@uow.edu.au)

Last reviewed: 7 November, 2018

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# 2019 Undergraduate Courses

Home



**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Social Work | 2019

Testamur Title of Degree:	Bachelor of Social Work
Abbreviation:	BSocWork
UOW Course Code:	347
CRICOS Code:	081143C
Total Credit Points:	192
Duration:	4 years full-time or part-time equivalent
Home Faculty:	Faculty of Social Sciences
Intake Session(s):	Autumn
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 755340 Shoalhaven / 755341

## Overview

Social workers assist people to develop their capacity and strengths to solve problems and issues in their daily lives. They explore and address social issues confronting communities to change and improve the lives of citizens by using research and evaluation skills, social policy analysis, social planning, and community development strategies.

Social Work students engage in social science subjects to develop a sound understanding of human behaviour and society. The topics are predominantly taught in the first year. The latter part of the course focuses on professional subjects. Professional experience, two placements of 500 hours in human service organisations, is compulsory and integrated into the last two years of the degree. Please refer to the information in [Course Finder](#) for Australian Residents and International Students in relation to record checks.

Students will be required to make themselves available for professional experiences at specified locations at negotiated times. It is an expectation that students who participate in these courses are capable of meeting the demands of travelling to and from professional experience locations. Some agencies may require that students hold a driver's licence.

The degree is also available at the Shoalhaven Campus. Further information can be obtained by contacting the [Faculty of Social Sciences](#).

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Analyse the practices, responsibilities and commitments of the social work profession and your location within it.
2	Articulate social work values and ethics and utilise them to make judgments and decisions within the complexity of practice.
3	Demonstrate the purposeful use of skills and knowledge within a range of social work methods of intervention.
4	Use theories from social science disciplines to analyse human behaviour,

	social policy and social issues, in Australia and internationally.
5	Recognise different value systems and ethical frameworks, including your own, ascertain the moral complexities of your decisions and judgments and acknowledge the consequences of them.
6	Evaluate existing research to inform practice and undertake and disseminate ethical research informed by practice.
7	Demonstrate effective communication and interpersonal skills to build respectful relationships in a range of cultural and professional settings.
8	Evaluate their own professional practice, identify learning needs and strategies for extending their repertoire of knowledge and skills.
9	Work effectively within and between organizations and social service systems, formulating proposals for change where appropriate.
10	Work collaboratively and respectfully across the boundaries of unavoidable dependencies, cultural differences and inequalities in Australia and internationally.
11	Demonstrate deliberate and informed participation in the civic life of the community through, for example, service learning, supervised professional practice, co-curricular activities and/or community activism.
12	Articulate ideas using a wide range of techniques effective with different audiences including experts and non-experts.

## Course Structure

The Bachelor of Social Work requires the successful completion of 192 credit points of subjects in accordance with the subject progression table below.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn Session</b>			
PSYC101	Introduction to Behavioural Science	6	Autumn, Summer 2019/2020
SOWK101	Introduction to Social Work	6	Autumn
<i>Plus one of the following subjects:</i>			
GEOG121	Human Geography: Life in a Globalising World	6	Autumn

<a href="#">SOC 103</a>	Introduction to Sociology	6	Autumn
<a href="#">POL 150</a>	Government, Power and Political Systems	6	Autumn
<a href="#">HAS 220</a>	Becoming a Social Scientist: Interdisciplinary Competencies	6	Autumn
Or one 6 credit point subject from the General Schedule approved by the Academic Program Director		6	Autumn
<i>Plus one of the following subjects:</i>			
<a href="#">AUST101</a>	Australian Studies: Cultures and Identities	6	Autumn
<a href="#">CST 120</a>	Culture and Society	6	Autumn
<a href="#">HAS 130</a>	Social Determinants of Health	6	Autumn
<a href="#">HAS 230</a>	Contemporary Public Health Issues	6	Autumn
<a href="#">INDS150</a>	Introduction to Indigenous Australia	6	Autumn
Or one 6 credit point subject from the General Schedule approved by the Academic Program Director		6	Autumn
<b>Spring Session</b>			
<a href="#">HAS 121</a>	Human Development in Social Context	6	Spring
<a href="#">PSYC123</a>	Research Methods and Statistics	6	Spring
<a href="#">SOWK140</a>	Working with Service Users and Carers	6	Spring
<i>Plus one of the following subjects:</i>			
<a href="#">CST 130</a>	Cultures in Context	6	Not available in 2019

<a href="#">HAS 202</a>	Introduction to Social Policy	6	Spring
<a href="#">INDS130</a>	Indigenous Knowledge in Global Contexts	6	Spring
<a href="#">GEOG122</a>	Human Geography: Living in a Material World	6	Spring
<a href="#">HAS 131</a>	Introducing Crime and Justice	6	Spring
Or one 6 credit point subject from the General Schedule approved by the Academic Program Director		6	Spring
<b>Year 2</b>			
<b>Autumn Session</b>			
<a href="#">HAS 200</a>	Social Justice in a World of Inequality	6	Autumn
<a href="#">SOWK237</a>	Social Work and the Law	6	Autumn
<a href="#">SOWK238</a>	Approaches and Skills: Working with Individuals and Families I	6	Autumn
<a href="#">SOWK235</a>	Fields of Practice: Mental Health	6	Autumn
<b>Spring Session</b>			
<a href="#">HAS 234</a>	Research Methods in the Social Sciences	6	Spring
<a href="#">SOWK234</a>	Welfare State and Human Services	6	Spring
<a href="#">SOWK236</a>	Approaches and Skills: Group Work	6	Spring
<a href="#">SOWK241</a>	Perspectives on Diversity	6	Spring
<b>Year 3</b>			
<b>Autumn Session</b>			
<a href="#">SOWK305</a>	Social Work Ethics	6	Autumn



<a href="#">SOWK310</a>	Supervised Professional Practice 1	18	First Offered in 2020
<b>Spring Session</b>			
<a href="#">SOWK336</a>	Approaches and Skills: Working with Individuals and Families II	6	Spring
<a href="#">SOWK337</a>	Practice with Aboriginal and Torres Strait Islander Peoples	6	Spring
<a href="#">SOWK338</a>	Fields of Practice: Children, Families, and their Well-being	6	Spring
<a href="#">SOWK340</a>	Fields of Practice: Health, Aging and Disability	6	Spring
<b>Year 4</b>			
<b>Annual Session</b>			
<a href="#">SOWK404</a>	Approaches and Skills: Community Work	6	Annual
<a href="#">SOWK406</a>	Advanced Social Work Practice and Skills	12	Annual
<a href="#">SOWK410</a>	Supervised Professional Practice II	18	Annual
<b>Autumn Session</b>			
<a href="#">SOWK442</a>	International Social Work	6	Autumn
<b>Spring Session</b>			
<a href="#">SOWK402</a>	Collaborative Research Approaches	6	Spring

For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Compulsory Work Placement / Online Components

This course contains a total of 1000 hours over 104 weeks of compulsory work-based placements in the final two years of the course. This course may also contain compulsory components to be completed online.

## Honours

Students who have achieved a high level of academic performance in the first three years of the degree may complete the fourth year at honours level. For further information refer to the [Bachelor of Social Work \(Honours\)](#).

## Professional Recognition/Accreditation

The Bachelor of Social Work is provisionally accredited by the Australian Association of Social Workers (AASW). It is an entry qualification into the social work profession and has been determined to meet the Australian Social Work Education and Accreditation Standards 2012 (ASWEAS). All graduates of this course have the same standing as graduates from all other AASW accredited courses and are eligible for membership of the AASW, which is required by many employers.

Graduates will also be required to meet the [AASW English language requirements](#) for migration and/or employment purposes.

## Other Information

For further information please email: [ssc@uow.edu.au](mailto:ssc@uow.edu.au)

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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Social Work (Honours)

Testamur Title of Degree:	Bachelor of Social Work (Honours)
Abbreviation:	BSocWork(Hons)
UOW Course Code:	1799
CRICOS Code:	096746G
Total Credit Points:	192
Duration:	4 years full-time or part-time equivalent
Home Faculty:	Faculty of Social Sciences
Intake Session(s):	Autumn
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong, Shoalhaven

## Overview

The Bachelor of Social Work (Honours) provides an alternative final year of study for high achieving students who have demonstrated excellence in the first three years of the Bachelor of Social Work (347). Students who complete the Bachelor of Social Work (Honours) will develop research capabilities that prepare them for postgraduate or research degrees in Social Work, or professional roles involving applied research. Accreditation is currently being sought from the Australian Association of Social Workers (AASW).

## Entry Requirements & Credit Arrangements

Students must have completed the first three years of the Bachelor of Social Work and achieved a distinction average across all SOWK 200 and 300 subjects. Academic requirements and English requirements are available from the Course Finder.

## Course Learning Outcomes

Students graduating from the Bachelor of Social Work (Honours) will be able to:

1. Analyse the practices, responsibilities and commitments of the social work profession and your location within it.
2. Articulate social work values and ethics and utilise them to make judgments and decisions within the complexity of practice.
3. Demonstrate the purposeful use of skills and knowledge within a range of social work methods of intervention.
4. Use theories from social science disciplines to analyse human behaviour, social policy and social issues, in Australia and internationally.
5. Recognise different value systems and ethical frameworks, including your own, ascertain the moral complexities of your decisions and judgments and acknowledge the consequences of them.
6. Evaluate existing research to inform practice and undertake and disseminate ethical research informed by practice.
7. Demonstrate effective communication and interpersonal skills to build respectful relationships in a range of cultural and professional settings.
8. Evaluate their own professional practice, identify learning needs and strategies for extending their repertoire of knowledge and skills.
9. Work effectively within and between organizations and social service systems, formulating proposals for change where appropriate.
10. Work collaboratively and respectfully across the boundaries of unavoidable dependencies, cultural differences and inequalities in Australia and internationally.
11. Demonstrate deliberate and informed participation in the civic life of the community through, for example, service learning, supervised professional practice, co-curricular activities and/or community activism.
12. Articulate ideas using a wide range of techniques effective with different

audiences including experts and non-experts.

13. Conceptualise, plan and undertake an independent research project and communicate a coherent argument that explains and disseminates research results and conclusions.

## Course Structure

The Bachelor of Social Work (Honours) requires the successful completion of 192 credit points of subjects in accordance with the subject progression table below.

The Honours grade will be calculated in accordance with University of Wollongong Method 1. For further information refer to [General Course Rules](#).

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn Session</b>			
PSYC101	Introduction to Behavioural Science	6	Autumn, Summer 2019/2020
SOWK101	Introduction to Social Work	6	Autumn
<i>Plus one of the following subjects:</i>			
GEOG121	Human Geography: Life in a Globalising World	6	Autumn
SOC 103	Introduction to Sociology	6	Autumn
POL 150	Government, Power and Political Systems	6	Autumn
HAS 220	Becoming a Social Scientist: Interdisciplinary Competencies	6	Autumn
Or one 6 credit point subject from the General Schedule approved by the Academic Program Director		6	Autumn
<i>Plus one of the following subjects:</i>			
AUST101	Australian Studies: Cultures and Identities	6	Autumn

<a href="#">CST 120</a>	Culture and Society	6	Autumn
<a href="#">HAS 130</a>	Social Determinants of Health	6	Autumn
<a href="#">HAS 230</a>	Contemporary Public Health Issues	6	Autumn
<a href="#">INDS150</a>	Introduction to Indigenous Australia	6	Autumn
Or one 6 credit point subject from the General Schedule approved by the Academic Program Director		6	Autumn
<b>Spring Session</b>			
<a href="#">HAS 121</a>	Human Development in Social Context	6	Spring
<a href="#">PSYC123</a>	Research Methods and Statistics	6	Spring
<a href="#">SOWK140</a>	Working with Service Users and Carers	6	Spring
<i>Plus one of the following subjects:</i>			
<a href="#">CST 130</a>	Cultures in Context	6	Not available in 2019
<a href="#">HAS 202</a>	Introduction to Social Policy	6	Spring
<a href="#">INDS130</a>	Indigenous Knowledge in Global Contexts	6	Spring
<a href="#">GEOG122</a>	Human Geography: Living in a Material World	6	Spring
<a href="#">HAS 131</a>	Introducing Crime and Justice	6	Spring
Or one 6 credit point subject from the General Schedule approved by the Academic Program Director		6	Spring
<b>Year 2</b>			

<b>Autumn Session</b>			
<a href="#">HAS 200</a>	Social Justice in a World of Inequality	6	Autumn
<a href="#">SOWK237</a>	Social Work and the Law	6	Autumn
<a href="#">SOWK238</a>	Approaches and Skills: Working with Individuals and Families I	6	Autumn
<a href="#">SOWK235</a>	Fields of Practice: Mental Health	6	Autumn
<b>Spring Session</b>			
<a href="#">HAS 234</a>	Research Methods in the Social Sciences	6	Spring
<a href="#">SOWK234</a>	Welfare State and Human Services	6	Spring
<a href="#">SOWK236</a>	Approaches and Skills: Group Work	6	Spring
<a href="#">SOWK241</a>	Perspectives on Diversity	6	Spring
<b>Year 3</b>			
<b>Autumn Session</b>			
<a href="#">SOWK305</a>	Social Work Ethics	6	Autumn
<a href="#">SOWK310</a>	Supervised Professional Practice 1	18	First Offered in 2020
<b>Spring Session</b>			
<a href="#">SOWK336</a>	Approaches and Skills: Working with Individuals and Families II	6	Spring
<a href="#">SOWK337</a>	Practice with Aboriginal and Torres Strait Islander Peoples	6	Spring
<a href="#">SOWK338</a>	Fields of Practice: Children, Families, and their Well-being	6	Spring
<a href="#">SOWK340</a>	Fields of Practice: Health, Aging	6	Spring



	and Disability		
<b>Year 4</b>			
<b>Annual Session</b>			
<a href="#">SOWK404</a>	Approaches and Skills: Community Work	6	Annual
<a href="#">SOWK408</a>	Social Work Honours Research	12	Annual
<a href="#">SOWK409</a>	Advanced Practice in Social Work (Honours)	6	Annual
<a href="#">SOWK410</a>	Supervised Professional Practice II	18	Annual
<b>Autumn Session</b>			
<a href="#">SOWK442</a>	International Social Work	6	Autumn

For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes page](#).

## Compulsory Work Placement / Online Components

This course contains a total of 1000 hours over 104 weeks of compulsory work-based placements. This course may also contain compulsory components to be completed online.

## Professional Recognition/Accreditation

Accreditation is currently being sought from the [Australian Association of Social Workers](#) (AASW). Graduates will be required to meet the AASW English language requirements for migration and/or employment purposes.

## Other Information

Further information email [ssc@uow.edu.au](mailto:ssc@uow.edu.au)

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Sustainable Communities | 2019

Testamur Title of Degree:	Bachelor of Sustainable Communities
Abbreviation:	BSustCommunities
UOW Course Code:	370
CRICOS Code:	092391G
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Social Sciences
Intake Session(s):	Autumn, Spring
Delivery Mode:	On-Campus
Delivery Campus / UAC Code:	Wollongong / 755255

## Overview

Complex environmental, economic, societal challenges are confronting global communities and posing real uncertainty about our future pathways. Population growth, food, water and energy security, social and cultural inequality, climate change, environmental risks and resource depletion, economic instability, intensified urbanisation and emergent 'smart' technologies all suggest a volatile future. In light of this, communities, governments and organisations face the challenge-filled task of creating just and sustainable communities where environments are protected, equitable social and cultural relations can flourish and economic livelihoods can prosper. The focus on sustainable communities has never been stronger. Graduates with the skills to conceive of and activate solutions are much sought after across the public, private and community sectors.

UOW's Bachelor of Sustainable Communities, offered through the Faculty of Social Sciences, is a multidisciplinary degree that provides the breadth of understanding necessary to appreciate these challenges and a range of skills needed to provide solutions for sustainable communities. You will study subjects from disciplines including Human Geography, Social Policy, Health and Society, Cultural Studies, Economics and Commerce, Science and Technology Studies, International Studies, Politics and History. You will acquire the knowledge to understand the complexity of challenges facing sustainable communities, and the skills and problem-solving abilities to help plan for, create and maintain them in a volatile world. You will have the opportunity to gain career-relevant skills in practical settings and for overseas study to investigate how other countries are seeking to create and maintain sustainable communities. The degree will position you to make a purposeful difference to creating a sustainable future. Our Sustainable Communities degree is taught by outstanding teachers and researchers. They feed their leading-edge research into their teaching and are passionate about the degree and the issues it addresses. The UOW's Illawarra context provides an outstanding urban and regional living laboratory in which to explore the challenges of and solutions to sustainable communities.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this

course will be able to:

CLO	Description
1	Demonstrate that they possess knowledge, critical perspectives and understanding of ethical practice appropriate to the creation and maintenance of sustainable communities.
2	Integrate, a substantial, broad and coherent knowledge of social aspects of sustainability and an ability to apply that knowledge in support of communities, governments, organisations and other stakeholders.
3	Perform independently, collaboratively and cross-culturally with advanced skills in collecting, interpreting, integrating, analysing, critically evaluating, organizing and presenting knowledge and information.
4	Analyse unpredictable, complex problems, issues and situations; apply logical and critical thinking skills; and form evidence-based judgments regarding possible solutions.
5	Demonstrate high level communications skills and the ability to participate in constructive public and professional debate and engagement.
6	Demonstrate ethical, professional, public and personal conduct and capacity to reflect and direct own learning and practice.

## Course Structure

The Bachelor of Sustainable Communities requires the successful completion of at least 144 credit points, comprising:

- a. 96 credit points of core subjects; and
- b. a minor and 24 credit points of elective subjects, or 48 credit points of elective subjects.

No more than 60 credit points of 100 level subjects shall be completed.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn Session</b>			
<a href="#">GEOG121</a>	Human Geography: Life in a Globalising World	6	Autumn
<a href="#">ECON102</a>	Economics and Society	6	Autumn, Spring

COMM101	Principles of Responsible Business	6	Autumn, Spring
Plus 6 credit points at 100-level from the recommended electives, General Schedule or a minor.			
<b>Spring Session</b>			
GEOG122	Human Geography: Living in a Material World	6	Spring
GEOG123	Indigenous Geographies: Questioning Country	6	Spring
HAS 121	Human Development in Social Context	6	Spring
Plus 6 credit points at 100-level from the recommended electives, General Schedule or a minor.			
<b>Year 2</b>			
<b>Autumn Session</b>			
GEOG221	Population Geography: People, Place, Inequality	6	Autumn
GEOG241	Urban Geographies: Just and Sustainable Cities?	6	Autumn
HAS 200	Social Justice in a World of Inequality	6	Autumn
Plus 6 credit points at 200-level from the recommended electives, General Schedule or a minor.			
<b>Spring Session</b>			
GEOG222	Society and Environment: Resources, Challenges, Futures	6	Spring
GEOG224	The Future of Food: Resilience, Communities and Policy	6	Spring
HAS 202	Introduction to Social Policy	6	Spring
Plus 6 credit points at 200-level from the recommended electives, General Schedule or a minor.			

<b>Year 3</b>			
<b>Autumn Session</b>			
<a href="#">GEOG336</a>	Qualitative Research Design for Social Scientists	6	Autumn
<a href="#">GEOG338</a>	Planning Urban Futures	6	Autumn
Plus 12 credit points at 300-level from the recommended electives, General Schedule or minor.			
<b>Spring Session</b>			
<a href="#">GEOG337</a>	Policy for Environmental and Heritage Management	6	Spring
<a href="#">HAS 346</a>	Social Advocacy	6	Spring
Plus 12 credit points at 300-level from the recommended electives, General Schedule or a minor.			

## Minors

Minors are not compulsory in this degree, however students may choose to complete a minor from the following recommended list or from the [General Schedule of Minors](#):

- [Conservation Studies](#)
- [Environmental Crisis and Response](#)
- [Future Cities](#)
- [Spatial Methods](#)

## Electives

Elective subjects may be chosen from the recommended list below or from the [General Schedule](#). General Schedule subjects recommended for this degree include subjects with the prefix HIST, ECON, SOC, STS, INTS, INDS, CST.

### Recommended electives

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">COMM121</a>	Statistics for Business	6	Autumn, Spring, Summer

			2019/2020
HAS 130	Social Determinants of Health	6	Autumn
MARK101	Marketing Principles	6	Autumn, Spring, Summer 2019/2020
PHYS154	Energy, Climate Change and Human Society	6	Autumn
POL 150	Government, Power and Political Systems	6	Autumn
PSYC123	Research Methods and Statistics	6	Spring
SCIE103	Climate Change	6	Spring
CRLP200	Career Ready Learning & Practice	6	Autumn, Spring, Summer 2019/2020
GEOG231	Maps and Apps for Social Scientists	6	Spring
GEOG251	Disaster Geographies: Risk, Policy, Management	6	Autumn
HAS 261	Crime Prevention	6	Autumn
INTS200	Model United Nations	6	Autumn
INTS204	Global Aid and Development: Challenges and Prospects	6	Spring
PHIL226	Global Ethics	6	Spring
PHIL256	Environmental Philosophy: Animals, Nature and Ethics	6	Spring
POL 221	Australian Politics	6	Spring



<a href="#">STS 216</a>	Environmental Sustainability, Risk and Governance	6	Spring
<a href="#">CST 371</a>	Race and Place	6	Spring
<a href="#">GEOG339</a>	Geographies of Change: International Fieldwork Intensive	6	Spring
<a href="#">GEOG352</a>	Social Science Research Internship	6	Spring
<a href="#">GEOG353</a>	Qualitative GIS	6	Spring
<a href="#">GEOG354</a>	Environmental Crime and Justice	6	Autumn

For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Other Information

For further information email: [ssc@uow.edu.au](mailto:ssc@uow.edu.au)

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# 2019 Undergraduate Courses

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Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Arts | 2019

### Wollongong Campus

Testamur Title of Degree:	Bachelor of Arts
Abbreviation:	BA
UOW Course Code:	702
CRICOS Code:	000612E
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn/Spring (Students eligible for credit transfer may begin in Summer Session if appropriate subjects are available).
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 753101 Bega / 753106*

Batemans Bay / 753107\*  
 Southern Highlands / 753108\*  
 Shoalhaven Campuses / 753102\*

\* The Bachelor of Arts offered at Bega, Batemans Bay, Southern Highlands, and Shoalhaven Campuses are listed on the [Bachelor of Arts \(Regional Campuses\)](#) page.

## Overview

The Bachelor of Arts will equip you for today's rapidly changing world. You will develop skills and capacities necessary to understand how the world has come to be the way it is today. The disciplines housed in the Bachelor of Arts degree share a common interest in addressing the fundamental questions of human social life. What do we need to know to make a better future, and what are the best ways of finding out? You will see and appreciate the world afresh, developing the analytical and communicative abilities to enrich life and your community. Share in the rich and global dialogue on contemporary human cultures.

Students must select one major and a second major or a minor, from the Bachelor of Arts offerings.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Evaluate complex issues and ideas about society and culture
2	Apply disciplinary knowledge and skills in a variety of real-world professional contexts
3	Communicate concepts effectively to a range of audiences
4	Use digital and other technologies essential for careers and lifelong learning

Each major also has learning outcomes that are unique to that major and outlined on each major page.

## Course Structure

To qualify for award of this degree, a candidate must satisfactorily complete a total of at least 144 credit points, comprised of the following:

1. At least one major study available in the Bachelor of Arts, outlined below (minimum 48 credit points and maximum 60 credit points);
2. [LHA 101](#) - Introduction to Arts and the Humanities (6 credit points). This subject is undertaken in the first session and is designed to provide students with the academic skills necessary to succeed at University. [LHA 101](#) assists students to understand the structure of their degree, plan their study pathway, and plan for post-university careers. It introduces students to key concepts including critical thinking, digital literacy, academic integrity, effective communication and degree and career planning;
3. A second major study (minimum 48 credit points and maximum 60 credit points) **OR**, a [minor study](#) (minimum of 24 credit points) from within Law, Humanities, and The Arts;
4. Elective subjects to bring the total credit points to at least 144.

Note:

- At least 24 credit points of subjects completed at the 300-level within the major must be at a pass mark or higher;
- No more than 60 credit points can be taken in 100-level subjects.

## Navigating the Bachelor of Arts Degree (Wollongong)

You construct your Bachelor of Arts degree by selecting majors and minors. Many of the majors and minors reflect areas of study that will be familiar already (such as English, History, Politics) and some that may be less familiar (such as International Relations, Sociology and Environmental Humanities). Completing a major (or two) as part of your Bachelor of Arts degree will give you a set of skills that relate to the discipline you are studying (gaining expertise in History, for example) and also generic skills in critical thinking, analysis, cultural intelligence, and conceptual frameworks. Because you can do more than one major, it's a good idea to choose widely in your first year, before settling on a major/or majors in your second year. For those thinking of doing a double major + minor, popular combinations include:

- History and Ancient History/Archaeology and Science and Technology Studies
- English and Philosophy, and Language/Linguistics
- Sociology and International Relations and Gender Studies
- Indigenous Studies and Politics and Ethics
- Creative Writing and English and Cultural Studies
- Environmental Humanities and Philosophy and Art History

As long as you complete at least one major and one minor from the Bachelor of Arts, you can also take a major and/or minor from outside of the Bachelor of Arts degree. Popular majors from outside the Bachelor of Arts include: Criminology, Digital and Social Media, Economics, Global Screen Media, Global Sustainable Development, Human Geography, Journalism, Marketing, Communication and Advertising, Visual Communication Design, Global Sustainable Development, International Business, Economics, Human Resource Management, Management and Public Relations.

For information on Bachelor of Arts majors offered at Bega, Batemans Bay, Southern Highlands and Shoalhaven campuses please see the [Bachelor of Arts \(Regional Campuses\)](#).

## Bachelor of Arts Majors

Students enrolled in the Bachelor of Arts within the Faculty must take at least one of the following majors:

- [Archaeology and Ancient History](#)
- [Chinese \(Mandarin\) for Character Background Students](#)
- [Chinese \(Mandarin\) for Non-Chinese Background Students](#)
- [Creative Writing](#)
- [English Literatures](#)
- [Environmental Humanities](#)
- [French](#)
- [History](#)
- [Indigenous Studies](#)
- [International Relations](#)
- [Italian](#) (Suspended, not on offer for students commencing in 2020)
- [Japanese](#)
- [Legal Studies](#)
- [Philosophy](#)
- [Photography](#)
- [Politics](#)
- [Science and Technology Studies](#) (Suspended, not on offer for students commencing in 2020)
- [Sociology](#)
- [Spanish](#)
- [Writing and English Literatures](#)

Students have the option of taking a second major, either from the list above, or from outside the Bachelor of Arts.

## Minors

As part of the Bachelor of Arts, students must take a minimum of one minor in addition to a major. Some students choose to turn this minor into a second major.

Students may also wish to take more than one minor if their total credit points allow.

Most minors consist of 24 credit points and require at least 12 credit points at 200 level or higher.

Students may not undertake a Major and Minor Study in the same discipline (for example, students cannot take both a major and a minor in Photography).

Details of minors can be found on the [2019 LHA General Schedule of Minors](#) page:

- Ancient History
- Animal Studies
- Art History
- Asia Pacific Studies
- Australian Studies
- Chinese (Mandarin) for Character Background Students
- Chinese (Mandarin) for Non-Chinese Background Students
- Creative Production
- Creative Writing
- Cultural Studies
- Digital and Social Media
- English Language and Linguistics
- English Literatures
- Environmental Humanities
- Ethics
- European Studies
- French
- Game Production
- Gender Studies
- Global Screen Media
- Global Sustainable Development
- Graphic Design
- Indigenous Studies
- International Relations
- Italian
- Japanese
- Journalism
- Legal Studies
- Marketing Communication and Advertising
- Media Arts
- Modern History
- Music
- Philosophy
- Philosophy of Psychology
- Photography

- Politics
- Science and Technology Studies
- Sociology
- Spanish
- Technical Theatre
- Theatre
- Visual Arts

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

The [Faculty of Law, Humanities and the Arts internship](#) program provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Some Majors will have a specific internship subject available for students. Otherwise, students can consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Honours

Honours is a fourth year of study that provides training in independent research. Students who complete the single degree with the required academic standard are encouraged to proceed to the [Bachelor of Arts \(Honours\)](#). Please refer to the handbook page for further information about the degree and entry requirements.

## Other Information

For further information email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 8 July, 2020



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### Connect with us



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# 2019 Undergraduate Courses

Home

□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Arts | 2019

Regional Campuses

### Overview

The Bachelor of Arts at UOW's Regional Campuses (BA702, BB702, BE702, SH702 or MV702) will equip you for today's rapidly changing world. You will develop skills and capacities necessary to understand how the world has come to be the way it is today. The disciplines housed in the Bachelor of Arts degree share a common interest in addressing the fundamental questions of human social life. What do we need to know to make a better future, and what are the best ways of finding out? You will see and appreciate the world afresh, developing the analytical and communicative abilities to enrich life and your community. Share in the rich and global dialogue on contemporary human cultures.

Students must select one major, and a second major or a minor, from English Literatures, History, Sociology and the interdisciplinary areas of Indigenous Studies and Community, Culture and Environment.

### Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

### Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are

expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Evaluate complex issues and ideas about society and culture
2	Apply disciplinary knowledge and skills in a variety of real-world professional contexts
3	Communicate concepts effectively to a range of audiences
4	Use digital and other technologies essential for careers and lifelong learning

Each major also has learning outcomes that are unique to that major and are outlined below.

## Course Structure

To qualify for award of this degree, a candidate must satisfactorily complete a total of at least 144 credit points, comprised of the following:

1. At least one major study available in the Bachelor of Arts, outlined below (48 credit points);
2. [LHA 101](#) - Introduction to Arts and the Humanities (6 credit points). This subject is undertaken in the first session and is designed to provide students with the academic skills necessary to succeed at University. [LHA 101](#) assists students to understand the structure of their degree, plan their study pathway, and plan for post-university careers. It introduces students to key concepts including critical thinking, digital literacy, academic integrity, effective communication and degree and career planning;
3. A second major study (48 credit points) **OR**, a minor study (minimum of 24 credit points) from within Law, Humanities, and The Arts outlined below;
4. Elective subjects offered to bring the total credit points to at least 144.

Note:

- At least 24 credit points of subjects completed at 300-level within the major must be at a pass mark or higher;
- No more than 60 credit points can be taken in 100-level subjects.
- Students enrolled in the Bachelor of Arts (BA702, BB702, BE702, SH702 or MV702) can select from the 5 majors and minors offered at their campus. Alternatively, students who wish to undertake other majors or minors may wish to consider undertaking these at the Wollongong campus.

## Majors and Minors

Students construct their Bachelor of Arts degree by selecting majors and minors. The degree offers majors in the disciplinary areas familiar from study at school, like History and English Literatures. Other disciplinary areas that might not be as familiar include Sociology, Indigenous Studies and Community, Culture and Environment. The study of a discipline gives students skills a set of conceptual frameworks and a body of knowledge interpreted using those frameworks. For example, within the study of 'history', students learn how to research and write history, as well as how to read what historians have thought about the past.

The Bachelor of Arts also offers interdisciplinary studies. These are built around either a place (for example Australian Studies) or a theme (for example Indigenous Studies and Environmental Humanities). These areas reach across disciplines to illustrate different ways an issue can be explored.

Students undertaking the Bachelor of Arts (BA702, BB702, BE702, SH702 or MV702) will choose either two majors, or a major and a minor. The five available majors and minors are:

- [Community, Culture and Environment](#)
- [English Literatures](#)
- [History](#)
- [Indigenous Studies](#)
- [Sociology](#)

These majors and minors offer comprehensive exposure to each discipline area, however subjects offered will vary from those available at the Wollongong Campus.

Majors require 48 credit points and at least a pass in 24 credit points at 300 level. Students taking two majors are permitted to cross count a maximum of one subject in both majors.

Minors consist of a minimum of 24 credit points of which at least 12 credit points will be at 200 level or higher. Minors appear on the transcript (i.e. the academic record), but do not appear on the testamur.

Students may not undertake a Major and Minor Study in the same discipline (for example, students cannot take both a major and a minor in History).

You can declare and/or change most minors via SOLS. Some minors will require Faculty approval. If you cannot select your choice on SOLS, students can complete an application to [declare or change their Minor](#).

## Community, Culture and Environment

A community is a social group whose members live in a specific location, share government and often have a common cultural and historical heritage. Communities have many cultural groups that share behaviours, beliefs,

values and symbols that they accept and pass on from one generation to the next.

Communities and different cultures survive in many environments which provide conditions for development and growth as well as danger and damage. When you study communities, different cultures and their environments, you explore the diverse issues that affect these different groups of people and their surroundings.

## Major Learning Outcomes

On successful completion of this major students will be able to:

CLO	Description
1	Develop knowledge of how the concept of identity is understood in a range of disciplines
2	Critically evaluate a range of theories relevant to the study of Community, Culture and the Environment
3	Demonstrate understanding of how an interdisciplinary approach is able to enhance knowledge of and research into Community, Culture and the Environment

## Subjects Required for Major Study

Subject Code	Subject Name	Credit Points
<b>Year 1</b>		
AUST101	Australian Studies: Cultures and Identities	6
<b>Year 2</b>		
INDS207	Critical Themes in Indigenous Studies	6
SOC 207	Introduction to Social Theory	6
<b>Year 3</b>		
INDS302	Indigenous Thinkers: Global Perspectives	6

HIST351	Australian History: Moments that Matter	6
SOC 352	Power, Resistance and Society	6
<b>Plus at least ONE of the following capstone subjects:</b>		
ENGL383	Contemporary Fiction and Film (Capstone)	6
HIST389	Making History (Capstone)	6
SOC 328	Social Policy, Neoliberalism and the 'Post-Welfare state' (Capstone)	6
<b>Plus ONE other subject from the list of elective subjects available at your campus.</b>		
<b>These electives should be chosen in consultation with the Head of Students.</b>		

## Subjects Required for Minor Study

Subject Code	Subject Name	Credit Points
<b>Core</b>		
AUST101	Australian Studies: Cultures and Identities	6
<b>Plus a minimum of THREE from the following:</b>		
INDS207	Critical Themes in Indigenous Studies	6
SOC 207	Introduction to Social Theory	6
INDS302	Indigenous Thinkers: Global	6

	Perspectives	
<a href="#">HIST351</a>	Australian History: Moments that Matter	6
<a href="#">SOC 352</a>	Power, Resistance and Society	6

Click on subject codes above for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## English Literatures

Studying English Literatures will get you thinking creatively about the English language. You will analyse theories, critique prose and verse, and take a more critical look at the signs and words surrounding us every day. It provides a platform for you to develop the skills that future employers are looking for including analytical thinking, exceptional written and oral communication skills, and the capacity to appreciate differences in cultural perspectives.

At UOW, English Literature is studied with regard to style, theme and form, and also in relation to questions of race, gender, sexuality, class and nation. This major introduces you to a broad range of texts, novels, poetry, essays, short stories, film, diaries and letters from medieval times to the modern, with a strong international focus.

### Major Learning Outcomes

On successful completion of this major students will be able to:

CLO	Description
1	Acquire knowledge of literary texts from a range of periods and places, and an understanding of the importance of social, historical and geographical contexts
2	Understand and deploy changing theories, methods and concepts in literary studies
3	Read, understand and interpret complex literary texts
4	Locate, assess and use appropriate scholarly resources
5	Construct coherent arguments and communicate them effectively in oral and written form
6	Apply relevant skills and knowledge to recognize and reflect on the significance of literary texts in imagining and interpreting the social

world.

## Subjects Required for Major Study

Subject Code	Subject Name	Credit Points
<b>Year 1</b>		
<a href="#">ENGL120</a>	Understanding Literature and Film	6
<a href="#">ENGL131</a>	Australian Fiction and Film	6
<b>Year 2</b>		
<a href="#">ENGL271</a>	The Romantics	6
<a href="#">ENGL274</a>	Victorians	6
<b>Year 3</b>		
<a href="#">ENGL361</a>	The Modernists	6
<a href="#">ENGL383</a>	*Contemporary Fiction and Film (Capstone)	6
<p><b>Plus <a href="#">TWO 300</a> level electives chosen from the list of elective subjects available at your campus.</b></p> <p><b>These electives should be chosen in consultation with the Head of Students.</b></p>		

Students interested in Honours are strongly encouraged to complete [ENGL385](#) Literature and Critical Thought.

Click on subject codes above for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Subjects Required for Minor Study

A **minor** in English Literatures will consist of at least 24 credit points from the Course Structure of the English Literatures major. At least two subjects must be at 200 level or higher.



# History

Engage, explore and appreciate diverse pasts when you study History at UOW, and learn from the past to inform your future. History enriches your understanding of the world by offering knowledge and skills to comprehend the broad scope of human experiences - from our everyday lives, to global processes. You will learn to research information, critically evaluate debates, and express your arguments and beliefs clearly and effectively.

UOW's History degree focuses on themes that link Australian and international history, ancient and modern. You will discover what it is to be a Historian, through subjects that help you develop a sophisticated and critical appreciation of contemporary approaches to historical theories, methods, interpretation, arguments, and uses of evidence.

## Major Learning Outcomes

On successful completion of this major students will be able to:

CLO	Description
1	Evaluate historical processes using examples from a variety of periods and places
2	Appraise present-day global affairs from an historical perspective
3	Utilise different types of evidence to demonstrate an understanding of historical change
4	Critically review how Historians produce different interpretations of the past.

## Subjects Required for Major Study

Subject Code	Subject Name	Credit Points
<b>Year 1</b>		
<b>A minimum of ONE of the following:</b>		
HIST111	The Modern World	6
AUST101	Australian Studies: Cultures and Identities	6
<b>Year 2</b>		
HIST257	The World After 1945	6

HIST281	Hands-On History	6
<b>Year 3</b>		
HIST389	Making History (Capstone)	6
<p><b>Plus FOUR other subjects from the list of elective subjects available at your campus.</b></p> <p><b>THREE of these electives must be at 300 level.</b></p> <p><b>These electives should be chosen in consultation with the Head of Students.</b></p>		

Click on subject codes above for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Subjects Required for Minor Study

A **minor** in History will consist of at least 24 credit points in subjects from the schedule of the History major. At least two subjects must be at 200 level or higher.

## Indigenous Studies Major

Indigenous Studies explores the controversies, complexities and contradictions that shape what it means to be Indigenous in Australia and the world today. Contemporary Indigenous Australia is a fascinating crossroad of history, culture, power and politics. It includes the study of practical issues, political issues as well as understanding where these issues overlap.

Indigenous Studies at UOW is designed to equip you to think incisively about issues that impact on Indigenous individuals and communities on a local, national and global scale. This includes a focus on cultural, political, economic and social factors that have shaped, and continue to shape, the lives of Aboriginal and Torres Strait Islander peoples. This is developed through the study of international Indigenous experiences and engagement with a range of Indigenous perspectives and organisations on a global scale.

## Major Learning Outcomes

On successful completion of this major students will be able to:

CLO	Description
1	Identify how Indigenous Studies has developed as a discipline and how it

	relates to other areas of study
2	Evaluate the ideologies and paradigms that continue to shape both popular and scholarly understandings of Indigenous peoples
3	Analyse, both critically and reflectively, Indigenous peoples understandings of themselves and the world
4	Evaluate the major social and political influences that have underpinned the history of colonisation and resistance.

## Subjects Required for Major Study

Subject Code	Subject Name	Credit Points
<b>Year 1</b>		
<a href="#">INDS150</a>	Introduction to Indigenous Australia	6
<b>Year 2</b>		
<a href="#">INDS207</a>	Critical Themes in Indigenous Studies	6
<b>Year 3</b>		
<a href="#">INDS305</a>	Research and Indigenous Communities	6
<a href="#">SOC 356</a>	Cultures of Dispossession	6
<a href="#">HIST351</a>	Australian History: Moments that Matter	6
<a href="#">INDS302</a>	Indigenous Thinkers: Global Perspectives (Capstone)	6
<p><b>Plus TWO subjects from the list of elective subjects available at your campus.</b></p> <p><b>These electives should be chosen in consultation with the Head of Students.</b></p>		

## Subjects Required for Minor Study

Subject Code	Subject Name	Credit Points
<b>A minimum of ONE of the following:</b>		

<a href="#">INDS150</a>	Introduction to Indigenous Australia	6
<a href="#">INDS207</a>	Critical Themes in Indigenous Studies	6
<p><b>Plus TWO subjects from the list of elective subjects available at your campus.</b></p> <p><b>At least ONE of these electives should be at 200 level or higher.</b></p> <p><b>These electives should be chosen in consultation with the Head of Students.</b></p>		

Click on subject codes above for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Sociology Major

Studying Sociology at UOW will prepare and enable you to understand, question and analyse human life and society, social processes, cultural and social change, and the social causes and consequences of human behaviour. You will develop an understanding of our diverse and rapidly changing world and identify the roots of and solutions to social problems. In an increasingly dynamic world, where divisions and inequalities are becoming more prevalent, this discipline provides invaluable analytical, research and intellectual skills and an in-depth understanding of our diverse societies and cultures.

The Sociology program at UOW organises specific study areas thematically, allowing you to find your own path through the curriculum, and consolidate in areas of interest over the course of the degree.

### Major Learning Outcomes

On successful completion of this major students will be able to:

CLO	Description
1	Understand and critically access core ideas in Sociology and related studies of society
2	Design and report on independent sociological research projects, using appropriate qualitative and quantitative research methods
3	Critically assess and apply contemporary sociological theories to important current social issues.

## Subjects Required for Major Study

Subject Code	Subject Name	Credit Points
<b>Year 1</b>		
<b>A minimum of ONE of the following:</b>		
SOC 103	Introduction to Sociology	6
SOC 104	Investigating Society	6
<b>Year 2</b>		
SOC 207	Introduction to Social Theory	6
SOC 234	Social Research Methods	6
<b>Year 3</b>		
SOC 352	Power, Resistance and Society	6
SOC 356	Cultures of Dispossession	6
SOC 328	Social Policy, Neoliberalism and the 'Post-Welfare state' (Capstone)	6
<p><b>Plus TWO subjects from the list of elective subjects available at your campus.</b></p> <p><b>ONE of these subjects must be at 300 level.</b></p> <p><b>These electives should be chosen in consultation with the Head of Students.</b></p>		

## Subjects Required for Minor Study

Subject Code	Subject Name	Credit Points
<b>A minimum of ONE of the following:</b>		
SOC 103	Introduction to Sociology	6

<a href="#">SOC 104</a>	Investigating Society	6
<b>Plus</b>		
<a href="#">SOC 207</a>	Introduction to Social Theory	6
<a href="#">SOC 234</a>	Social Research Methods	6
<p><b>Plus ONE subject from the list of elective subjects available at your campus.</b></p> <p><b>These electives should be chosen in consultation with the Head of Students.</b></p>		

Click on subject codes above for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Work Integrated Learning

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The [Faculty of Law, Humanities and the Arts internship program](#) provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Some Majors will have a specific internship subject available for students. Otherwise, students can consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Subject Delivery

Subjects are taught using different methods of delivery. For some subjects, lectures are edu-streamed and available for download. In other lectures, video conferencing is used where the lecturer talks to students in real time. Other subjects rely on online delivery which includes posting the lectures on the subject's website.

The full range of electives may not be offered at any single campus. Students have the option of taking electives at alternate campuses or online where available. Information on availability of subjects can be found on the [Subject Database](#).

## Honours

Honours is a fourth year of study that provides training in independent research. Students who complete the single degree with the required academic standard are encouraged to proceed to the [Bachelor of Arts \(Honours\)](#). Please refer to the handbook page for further information about the degree and entry requirements.

## Other Information

The University of Wollongong attempts to ensure the information contained in the Course Handbook is correct at the time of publication. However, courses may be amended without notice by the University in response to changing circumstances or for any other reason. Check with the University for updated information.

For further information email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 6 November, 2018

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### Connect with us



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# 2019 Undergraduate Courses

Home

□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## General Schedule of Minors | 2019

The minor studies listed under the links below are available to all Bachelor degree students at UOW. Minor studies consist of at least 24cp and are available in a range of areas. To have a minor study recorded, you must apply using the [Application to Declare or Change Intended Major/Minor](#) form available from Student Central.

Students should check that there is room within their degree structure to accommodate a minor study and still meet their degree requirements. If in doubt, students should seek academic advice before undertaking a minor study.

Students should also note that some subjects listed for minor studies may require other subjects as pre/co-requisites and that due to demand or space limitations, some subjects may have quotas. Students are advised to check for specific subject information in the online subject database before selecting subjects.

STUDENTS

### [Faculty of Business](#)

List of minor studies available from the Faculty of Business.

### [Faculty of Engineering and Information Sciences](#)

List of minor studies available from the Faculty of Engineering and Information Sciences.

## Faculty of Law, Humanities and the Arts

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List of minor studies available from the Faculty of Law, Humanities and the Arts.

## Faculty of Science, Medicine and Health

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List of minor studies available from the Faculty of Science, Medicine and Health.

## Faculty of Social Sciences

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List of minor studies available from the Faculty of Social Sciences.

## International Studies Minor

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Information on the International Studies minor study available for undergraduate students.

Last reviewed: 24 April, 2018

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# 2019 Undergraduate Courses

Home

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Minor Study Areas (Faculty of Social Sciences) | 2019

The Faculty of Social Sciences offers the following minors to students in any degree where their course rules allow:

- [Conservation Studies](#)
- [Criminology](#)
- [Environmental Crisis and Response](#)
- [Food and Society](#)
- [Future Cities](#)
- [Human Geography](#)
- [Introduction to Public Health](#)
- [Psychology](#)
- [Social Marketing](#)
- [Social Policy](#)
- [Spatial Methods](#)
- [Sustainable Communities](#)
- [Work Health and Safety](#)

| UOW GLOBAL

## Conservation Studies

The Conservation Studies minor provides students with tangible knowledge and skills pertaining to conservation challenges in terrestrial and marine zones. The minor is tailored to develop students' understanding of environmental heritage, environmental crime, environmental management and ethical perspectives on human-environmental relationships. Specific units also explore the role of international law, governance frameworks and

non-state actors in conservation and resource management.

A minor in Conservation Studies requires the successful completion of 24 credits points of subjects chosen from the table below.

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">CMP 100</a>	Ocean Conservation and Development	6	Spring
<a href="#">EESC203</a>	Biogeography and Environmental Change	6	Autumn
<a href="#">PHIL256</a>	Environmental Philosophy: Animals, Nature and Ethics	6	Spring
<a href="#">GEOG354</a>	Environmental Crime and Justice	6	Autumn
<a href="#">GEOG337</a>	Policy for Environmental and Heritage Management	6	Spring
<a href="#">CMP 300</a>	Civil Society and Ocean Management	6	First Offered Spring 2021

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## Criminology

The Criminology minor provides students with a suite of skills to identify interpret and evaluate issues around crime, deviancy and justice from a social sciences perspective. Specific units are tailored to develop students' conceptual understanding of criminology and apply these to a range of topics of contemporary social concern.

A minor in Criminology requires at least 24 credit points of subjects chosen in accordance with the table below.

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">HAS 131</a>	Introducing Crime and Justice	6	Spring
<a href="#">HAS 262</a>	Explaining Crime	6	Autumn

<i>Plus TWO subjects from the following:</i>			
<a href="#">HAS 261</a>	Crime Prevention	6	Autumn
<a href="#">GEOG354</a>	Environmental Crime and Justice	6	Autumn
<a href="#">HAS 354</a>	Innovative Justice	6	Autumn
<a href="#">HAS 353</a>	Youth Crime and Justice	6	Spring
<a href="#">HAS 355</a>	Current Issues in Criminal Justice	6	Spring
<a href="#">SOC 247</a>	Punishment: Purpose, Practice, Policy	6	Spring

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## Environmental Crisis and Response

The Environmental Crisis and Response minor provides students with insights into major global and local environmental challenges. The focus is both on understanding the causes and consequences of these challenges, as well as key response strategies across a variety of scales. Specific units are tailored to develop students' understanding of environmental crises, disasters and crimes, including climate change, bushfires and pollution. Units also explore the role of various state and non-state actors in causing and responding to these challenges.

A minor in Environmental Crisis and Response requires the successful completion of 24 credits points of subjects in accordance with the table below.

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">SCIE103</a>	Climate Change	6	Spring
<a href="#">GEOG251</a>	Disaster Geographies: Risk, Policy, Management	6	Autumn
<a href="#">STS 216</a>	Environmental Sustainability, Risk and Governance	6	Spring

<a href="#">GEOG354</a>	Environmental Crime and Justice	6	Autumn
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## Food and Society

Sustainable and healthy food and nutrition practices are increasingly important for safeguarding global population health. The Food and Society minor addresses issues related to social, cultural, environmental, economic and political factors influencing the food system and food habits of populations. The minor includes studies of food and nutrition across the life course, relationships between food and disease, food systems and sustainability, food sovereignty and power, as well as the role food plays in social inclusion and the welfare state. Students will be equipped with the skills and attributes to apply innovative approaches to food education, promotion and advocacy to complement their other studies.

A minor in Food and Society requires the successful completion of at least 24 credit points of subjects in accordance with the table below.

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">HAS 160</a>	Food and Society I: The What and Why of Food	6	Spring
<a href="#">HAS 270</a>	Sociology of Food and Nutrition	6	Autumn
<a href="#">HAS 265</a>	Food and Society II: Community Settings and Practice	6	Spring
<a href="#">HAS 365</a>	Food and Society III: Contemporary Issues and Controversies	6	First Offered Autumn 2020

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## Future Cities

The Future Cities minor is a programme of learning targeting careers where the capacity to contribute to the development of urban policy and planning

is a requirement. Subject clusters will imbue students with an expert level of foreknowledge on the liveability of major human settlements. Students will undertake inquires on population growth and citizenship, heritage and the built environment, food and systems of sustenance, and methods for scientific appraisal of multiple urban futures. A thread throughout the minor is the social scientific perspective on cosmopolitan cultures and the geographies of major human hubs in terms of their relationships with the regions around them.

A minor in Future Cities requires the successful completion of 24 credits points of subjects in accordance with the table below.

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">PHYS154</a>	Energy, Climate Change and Human Society	6	Autumn
<a href="#">SOC 208</a>	Cities, Communities and Families	6	Autumn
<a href="#">GEOG231</a>	Maps and Apps for Social Scientists	6	Spring
<a href="#">GEOG338</a>	Planning Urban Futures	6	Autumn

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## Human Geography

The Human Geography minor provides students with an understanding of how cultural, economic, political and social forces are shaping our present and future lives. Human Geography with its unique focus on place pays attention to understanding the growing inequalities between different individuals and social groups and the uneven implications of present patterns of resource consumption on present and future lives. A Human Geography minor equips graduates to explain and analyse the importance of understanding place in various professional roles in addressing questions of social inequalities and/or environmental justice.

A minor in Human Geography requires at least 24 credit points of subjects chosen in accordance with the table below.

Subject Code	Subject Name	Credit Points	Session(s)
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<i>Select ONE subject from GEOG 100 level:</i>			
<a href="#">GEOG121</a>	Human Geography: Life in a Globalising World	6	Autumn
<a href="#">GEOG122</a>	Human Geography: Living in a Material World	6	Spring
<a href="#">GEOG123</a>	Indigenous Geographies: Questioning Country	6	Spring
<i>Plus TWO subjects from GEOG 200 and 300 level:</i>			
<a href="#">GEOG221</a>	Population Geography: People, Place, Inequality	6	Autumn
<a href="#">GEOG222</a>	Society and Environment: Resources, Challenges, Futures	6	Spring
<a href="#">GEOG224</a>	The Future of Food: Resilience, Communities and Policy	6	Spring
<a href="#">GEOG231</a>	Maps and Apps for Social Scientists	6	Spring
<a href="#">GEOG336</a>	Qualitative Research Design for Social Scientists	6	Autumn
<a href="#">GEOG338</a>	Planning Urban Futures	6	Autumn
<a href="#">GEOG337</a>	Policy for Environmental and Heritage Management	6	Spring
<a href="#">GEOG339</a>	Geographies of Change: International Fieldwork Intensive	6	Spring
<i>Plus ONE subject from the above list at 100, 200 or 300 level.</i>			

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## Introduction to Public Health

A minor in Public Health requires at least 24 credit points of subjects chosen

in accordance with the table below.

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">HAS 125</a>	Public Health Achievements and Challenges	6	Autumn
<a href="#">HAS 215</a>	Healthy Public Policy	6	Spring
<a href="#">HAS 251</a>	Introduction to Epidemiology	6	Spring
<i>Plus ONE of the following subjects:</i>			
<a href="#">HAS 115</a>	Chronic Disease Prevention and Control	6	Autumn
<a href="#">HAS 130</a>	Social Determinants of Health	6	Autumn
<a href="#">HAS 135</a>	Global Health Perspectives on Infectious Diseases	6	Spring

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## Psychology

A minor in Psychology requires at least 24 credit points of subjects chosen in accordance with the table below.

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">PSYC121</a>	Foundations of Psychology A	6	Autumn
<a href="#">PSYC122</a>	Foundations of Psychology B	6	Spring
<i>Plus TWO of the following three subjects:</i>			
<a href="#">PSYC231</a>	Personality	6	Autumn, Available in Spring 2019
<a href="#">PSYC241</a>	Developmental and	6	Spring

	Social Psychology		
PSYC251	Psychology of Abnormality	6	Spring, Available in Autumn 2019

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## Social Marketing

The Social Marketing minor presents students with a contemporary understanding of a strategic approach to social marketing to deliver positive social change and deliver social value. The minor considers contemporary discussion around what social marketing is and the key debates in the field. It considers the use of theory and research in social marketing programs; examines the broad toolkit of strategies that can be used in strategic social marketing; and considers the relevance of critical social marketing.

A minor in Social Marketing requires the successful completion of at least 24 credit points of subjects chosen in accordance with the table below.

Subject Code	Subject Name	Credit Points	Session(s)
MARK101	Marketing Principles	6	Autumn, Spring, Summer 2019/2020
MARK320	Social Marketing	6	Spring
HAS 348	Social Innovation and People Centred Design	6	Spring
<i>And at least ONE of the following subjects:</i>			
HAS 130	Social Determinants of Health	6	Autumn
HAS 230	Contemporary Public Health Issues	6	Autumn
GEOG222	Society and Environment: Resources, Challenges, Futures	6	Spring

<a href="#">GEOG231</a>	Maps and Apps for Social Scientists	6	Spring
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## Social Policy

Social policy is the study of the welfare state and welfare theory. It is concerned with actions by government, civil society, the private sector, families and communities to tackle social problems and work towards a more just and equal society.

A minor in Social Policy requires the successful completion of at least 24 credit points of subjects chosen in accordance with the table below.

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">HAS 202</a>	Introduction to Social Policy	6	Spring
<i>Plus ONE of the following:</i>			
<a href="#">HAS 356</a>	Comparative Social Policy	6	Autumn
<a href="#">SOWK234</a>	Welfare State and Human Services	6	Spring
<i>Plus TWO of the following:</i>			
<a href="#">ECON102</a>	Economics and Society	6	Autumn, Spring
<a href="#">POL 150</a>	Government, Power and Political Systems	6	Autumn
<a href="#">HAS 234</a>	Research Methods in the Social Sciences	6	Spring
<a href="#">SOWK234</a>	Welfare State and Human Services	6	Spring
<a href="#">SOWK237</a>	Social Work and the Law	6	Autumn
<a href="#">GEOG336</a>	Qualitative Research Design for	6	Autumn

	Social Scientists		
<a href="#">HAS 346</a>	Social Advocacy	6	Spring
<a href="#">HAS 347</a>	Social Sciences Project	6	Spring
<a href="#">HAS 356</a>	Comparative Social Policy	6	Autumn
<a href="#">SOC 328</a>	Social Policy, Neoliberalism and the 'Post-Welfare state'	6	Spring
<a href="#">SOWK340</a>	Fields of Practice: Health, Aging and Disability	6	Spring

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## Spatial Methods

The Spatial Methods minor positions graduates as professionals in a suite of geospatial techniques for a range of careers involving the collection of data on space and place. Subjects bridge physical and human geography and involve scrutiny of tools that are actionable in the natural and built environment. Subjects are both quantitative and qualitative in composition and combine the capacity for reportage on spatial issues with a critical awareness of empiricism through pragmatic tasks.

A minor in Spatial Methods requires the successful completion of 24 credits points of subjects chosen in accordance with the table below.

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">EESC105</a>	Introductory Geospatial Analysis	6	Autumn, Spring
<a href="#">EESC207</a>	Advanced Geospatial Analysis	6	Autumn, Spring
<a href="#">GEOG231</a>	Maps and Apps for Social Scientists	6	Spring
<a href="#">GEOG353</a>	Qualitative GIS	6	Spring

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## Sustainable Communities

The Sustainable Communities minor is a specialisation in a suite of pragmatic tools with a focus on the built environment and surrounding ecosystems. The skillset of the minor pre-empts a global transition to modes of living that are conducive to diverse biomes and a predictable climate, rather than detrimental to the stability and longevity of humanly tolerable earth systems. The minor complements expertise in sustainable development, public health, urban planning and socially responsible business and marketing. Electing to undertake the minor will provoke student inquiry about and reflection on how humans within built environments live alongside nonhumans in equitable and just ways.

A minor in Sustainable Communities requires the successful completion of 24 credit points of subjects chosen in accordance with the table below.

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">GEOG122</a>	Human Geography: Living in a Material World	6	Spring
<i>Plus TWO of the following three subjects:</i>			
<a href="#">GEOG241</a>	Urban Geographies: Just and Sustainable Cities?	6	Autumn
<a href="#">GEOG251</a>	Disaster Geographies: Risk, Policy, Management	6	Autumn
<a href="#">GEOG222</a>	Society and Environment: Resources, Challenges, Futures	6	Spring
<i>Plus ONE of the following two subjects:</i>			
<a href="#">GEOG338</a>	Planning Urban Futures	6	Autumn
<a href="#">GEOG337</a>	Policy for Environmental and Heritage Management	6	Spring

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## Work Health and Safety

The Work Health and Safety minor provides students with a broad based

understanding of the principles and practices of work health and safety for prevention of injury and disease in workplaces. The minor provides an understanding of WHS legislation, rights and responsibilities of the key stakeholders, and concepts and strategies in the management of work health and safety. This includes development of basic skills in WHS risk management including identification of common workplace hazards, risk assessment procedures and risk control strategies.

A minor in Work Health and Safety requires 24 credit points of subjects chosen in accordance with the table below.

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">HAS 201</a>	Work Health & Safety	6	Spring
<a href="#">HAS 210</a>	Introduction to WHS Risk Management	6	Summer 2019/2020
<a href="#">HAS 235</a>	Productivity & Design of Work	6	Spring, Summer 2019/2020
<a href="#">HAS 320</a>	Health and Safety Systems and Theories	6	Autumn
<a href="#">HAS 341</a>	Introduction to Work Injury Management	6	Autumn
<a href="#">PSYC358</a>	Applied Psychology	6	Spring
<a href="#">HAS 342</a>	Protecting Worker Health	6	Summer 2019/2020

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# 2019 Undergraduate Courses

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Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Minor Study Areas (Faculty of Business) | 2019

The Faculty of Business offers the following minors to students in any degree where their course rules allow:

### Accountancy

Subject Code	Subject Name	Credit Points
<a href="#">ACCY112</a>	Accounting In Organisations	6
Plus 18 credit points from 200- or 300-level ACCY subjects.		

### Business Information Systems

Subject Code	Subject Name	Credit Points
<a href="#">CSIT114</a>	Systems Analysis	6
<a href="#">CSIT111</a>	Programming Fundamentals	6
Plus 12 credit points from the following subjects:		
<a href="#">ISIT204</a>	Principles of eBusiness	6

ISIT224	Management Information Systems	6
CSIT226	Human Computer Interaction	6

## Business Law

Subject Code	Subject Name	Credit Points
LAW 101	Law, Business and Society	6
Plus 18 credit points from the following subjects:		
LAW 302	Law of Business Organisations	6
LAW 308	Administrative Law	6
LAW 315	Taxation Law	6
LAW 316	Work Health and Safety Law	6
LAW 319	International Business Law	6
LAW 321	Banking Law	6
LAW 323	Consumer Protection and Product Liability Law	6
LAW 330	Law of Employment	6
LAW 331	Intellectual Property Law	6
LAW 332	Labour Regulation	6
LAW 334	Environmental Law	6
LAW 335	Anti-Discrimination Law	6
LAW 343	International Law	6
LAW 348	Media Law	6
LAW 360	Foreign Investment Law in China	6

## Economics

Subject Code	Subject Name	Credit Points
<a href="#">ECON102</a>	Economics and Society	6
<a href="#">ECON304</a>	The Historical Foundations of the Modern Australian Economy	6
Plus 12 credit points from any 200- or 300-level Economics subjects.		

## Finance

Subject Code	Subject Name	Credit Points
<a href="#">FIN 222</a>	Corporate Finance	6
<a href="#">FIN 223</a>	Investment Analysis	6
Plus 12 credit points selected from 200- and 300-level Finance subjects.		

## Human Resource Management

Subject Code	Subject Name	Credit Points
<a href="#">MGNT206</a>	Managing Human Resources	6
Plus 18 credit points from the following:		
<a href="#">MGNT205</a>	Recruitment and Selection	6
<a href="#">MGNT207</a>	Employee Relations Management	6
<a href="#">MGNT321</a>	Workplace Health and Safety Management	6
<a href="#">MGNT322</a>	Learning and Development in Organisations	6
<a href="#">MGNT341</a>	International and Comparative Human	6

	Resource Management	
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## International Business

Subject Code	Subject Name	Credit Points
<a href="#">ECON216</a>	International Economics	6
<a href="#">FIN 241</a>	International Financial Management	6
<a href="#">MGNT389</a>	International Business Management	6
Plus 6 credit points from the following:		
<a href="#">MGNT341</a>	International and Comparative Human Resource Management	6
<a href="#">MARK343</a>	International Marketing	6

## International Economics

Subject Code	Subject Name	Credit Points
24 credit points from the following:		
<a href="#">ECON102</a>	Economics and Society	6
<a href="#">ECON216</a>	International Economics	6
<a href="#">ECON251</a>	Industry and Trade in Asia	6
<a href="#">ECON304</a>	The Historical Foundations of the modern Australian Economy	6
<a href="#">ECON306</a>	The Chinese Economy	6

## Management

Subject Code	Subject Name	Credit Points

12 credit points from the following:		
MGNT201	Organisational Behaviour	6
MGNT206	Managing Human Resources	6
MGNT311	Management of Change	6
MGNT314	Strategic Management	6
OPS 216	Operations Management	6
MGNT351	Responsible Leadership	6
Plus 12 credit points from the following:		
MGNT209	Managing Knowledge in Organisations	6
MGNT210	Managing Across Cultures	6
MGNT215	Small Business Management	6
MGNT220	Organisational Analysis	6
MGNT332	Entrepreneurship	6
OPS 350	Continuous Quality Improvement	6
OPS 370	Project Management	6
MGNT389	International Business Management	6

## Marketing

Subject Code	Subject Name	Credit Points
MARK205	Introductory Marketing Research	6
MARK217	Consumer Behaviour	6
MARK333	Integrated Marketing Communications Strategy	6
Plus one elective from the list below:		

<a href="#">MARK310</a>	Marketing Effectiveness	6
<a href="#">MARK301</a>	Digital Marketing	6

## Public Relations

Subject Code	Subject Name	Credit Points
<a href="#">MARK221</a>	Public Relations Concepts	6
<a href="#">MARK220</a>	Public Relations Writing	6
<a href="#">MARK321</a>	Creative Public Relations Campaigns	6
<a href="#">MARK322</a>	Corporate Identity and Branding	6

## Supply Chain Management

Subject Code	Subject Name	Credit Points
<a href="#">OPS 256</a>	Systems Thinking and Simulation	6
<a href="#">OPS 257</a>	Principles of Supply Chain Management	6
<a href="#">OPS 309</a>	Supply Chain Strategies	6
<a href="#">OPS 328</a>	Logistics Management	6

Please click the subject codes in the above table for information on sessions of offer for each subject at different locations. For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Credit Arrangements

Refer to [UOW's credit arrangements](#) for information on how to apply for

credit.

## Other Information

For further information email: [business-enquiries@uow.edu.au](mailto:business-enquiries@uow.edu.au)

Last reviewed: 5 November, 2018

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Minor Study Areas (Faculty of Law, Humanities and the Arts) | 2019

The Faculty of Law, Humanities and the Arts offers Minors in the areas listed below.

Some important information regarding minors includes:

- Minors consist of 24 credit points, 12 of which will be at 200 level or higher.
- You cannot study a major and a minor of the same title. For example, you cannot study both a major and a minor in Sociology. If a particular minor has any other restrictions, they will be listed below.
- You can only cross-count one subject across your degree. This means you cannot double-count subjects in your major or degree towards your minor. You will need to choose different subjects.
- Minors will appear on your transcript, but not on your testamur.
- You can declare and/or change most minors via SOLS. Some minors will require Faculty approval. If you cannot select your choice on SOLS, students can complete an application to [declare or change their Minor](#).

- [Ancient History](#)
- [Animal Studies](#)
- [Art History](#)
- [Asia Pacific Studies](#)
- [Australian Studies](#)
- [Chinese \(Mandarin\) for Character Background Students](#)
- [Chinese \(Mandarin\) for Non-Chinese Background Students](#)
- [Creative Production](#)



- Creative Writing
- Cultural Studies
- Digital and Social Media
- English Language and Linguistics
- English Literatures
- Environmental Humanities
- Ethics
- European Studies
- French
- Game Production
- Gender Studies
- Global Screen Media
- Global Sustainable Development

- Graphic Design
- Indigenous Studies
- International Relations
- Italian
- Japanese
- Journalism
- Legal Studies
- Marketing Communication and Advertising
- Media Arts
- Modern History
- Music
- Philosophy
- Philosophy of Psychology
- Photography
- Politics
- Science and Technology Studies
- Sociology
- Spanish
- Technical Theatre
- Theatre
- Visual Arts

## Ancient History

Subject Code	Subject Name	Credit Points
HIST112	Lost Worlds: The 'Big History' of Ancient History	6

<a href="#">HIST259</a>	Ancient History: Greece	6
<a href="#">HIST262</a>	Ancient History: Rome	6
<a href="#">HIST386</a>	Ancient Texts	6

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## Animal Studies

Subject Code	Subject Name	Credit Points
<a href="#">PHIL256</a>	Environmental Philosophy: Animals, Nature and Ethics	6
<a href="#">SOC 235</a>	Living with Animals	6
<a href="#">ENGL381</a>	Animals and Ecology in Literature and Film	6
<b>Plus a minimum of ONE of the following:</b>		
<a href="#">INDS205</a>	Indigenous Peoples and the Environment	6
<a href="#">STS 216</a>	Knowledge and Truth in the Natural and Social Sciences	6
<a href="#">SOC 226</a>	New Social Movements	6
<a href="#">GEOG222</a>	Society and Environment: Resources, Challenges, Futures	6
<a href="#">LAW 337</a>	Animal Law	6
<a href="#">INTS311</a>	Human Security, Global Capitalism and the Environment	6
<a href="#">STS 302</a>	Climate Change Policy, Possible Futures	6
<a href="#">PHIL326</a>	Bioethics	6
<a href="#">CAVA332</a>	Art, Nature and the Environment	6

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## Art History

The Art History Minor is not available to students studying the 'Visual Arts' or the 'Visual Arts and Design' major.

Subject Code	Subject Name	Credit Points
<b>Core:</b>		
<a href="#">CAVA232</a>	Contemporary Indigenous Art: Theory and Practice	6
<a href="#">CAVA231</a>	Visual Art, Modernism and the Avant-garde	6
<a href="#">CAVA331</a>	Contemporary Artworlds	6
<a href="#">CAVA332</a>	Globalisation and Contemporary Art	6

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## Asia Pacific Studies

Subject Code	Subject Name	Credit Points
<a href="#">INTS121</a>	Global Politics and Power	6
<b>Plus a minimum of THREE from the following:</b>		
<a href="#">BCM 320</a>	Digital Asia	6
<a href="#">HIST200</a>	Oceans of History: Exploring the Pacific	6
<a href="#">HIST204</a>	Illicit Trades: Trafficking and Slavery in Global History	6
<a href="#">HIST293</a>	China since 1949	6
<a href="#">JAPA220</a>	The Making of a Globalised Japan	6
<a href="#">POL 308</a>	The Politics of Asian Development	6

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## Australian Studies

Subject Code	Subject Name	Credit Points
<b>A minimum of ONE of the following:</b>		
<a href="#">AUST101</a>	Australian Studies: Cultures and Identities	6
<a href="#">AUST102</a>	Locating Australia	6
<b>Plus subjects from the below to make a total of 24 credit points in the minor. At least TWO of the following must be at 200 or 300 level.</b>		
<a href="#">AUST101</a>	Australian Studies: Cultures and Identities	6
<a href="#">AUST102</a>	Locating Australia	6
<a href="#">ENGL131</a>	Australian Fiction and Film	6
<a href="#">INDS150</a>	Introduction to Indigenous Australia	6
<a href="#">HIST292</a>	Power and Protest in Australia	6
<a href="#">HIST258</a>	Australians and the Great War	6
<a href="#">HIST351</a>	Debates in Australian History	6

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## Chinese(Mandarin) for Character Background Students

Subject Code	Subject Name	Credit Points
<b>Beginner Entry</b>		

<a href="#">MAND161</a>	Chinese (Mandarin) for Character Background Students (CBS) 1	6
<a href="#">MAND162</a>	Chinese (Mandarin) for Character Background Students (CBS) 2	6
<a href="#">MAND271</a>	Intermediate Chinese 1 for Character Background Students (CBS)	6
<a href="#">MAND272</a>	Intermediate Chinese 2 for Character Background Students (CBS)	6
<b>Intermediate Entry</b>		
<a href="#">MAND271</a>	Intermediate Chinese 1 for Character Background Students (CBS)	6
<a href="#">MAND272</a>	Intermediate Chinese 2 for Character Background Students (CBS)	6
<a href="#">MAND371</a>	Advanced Chinese 1 for Character Background Students (CBS)	6
<a href="#">MAND372</a>	Advanced Chinese 2 for Character Background Students (CBS)	6

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## Chinese (Mandarin) For Non-Chinese Background Students

Subject Code	Subject Name	Credit Points
<b>*Beginner Entry</b>		
<a href="#">MAND151</a>	Chinese (Mandarin) for Beginners 1	6
<a href="#">MAND152</a>	Chinese (Mandarin) for Beginners 2	6
<a href="#">MAND231</a>	Intermediate Chinese 1 for Non-Chinese Background Students (NCB)	6
<a href="#">MAND232</a>	Intermediate Chinese 2 for Non-Chinese Background Students (NCB)	6

<b>*Intermediate Entry</b>		
<a href="#">MAND231</a>	Intermediate Chinese 1 for Non-Chinese Background Students (NCB)	6
<a href="#">MAND232</a>	Intermediate Chinese 2 for Non-Chinese Background Students (NCB)	6
<a href="#">MAND331</a>	Advanced Chinese 1 for Non-Chinese Background Students (NCB)	6
<a href="#">MAND332</a>	Advanced Chinese 2 for Non-Chinese Background Students (NCB)	6

\* Definitions of beginner and intermediate entry is available on the [Chinese \(Mandarin\) for Non-Character Background Students](#) major handbook page.

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## Creative Production

Subject Code	Subject Name	Credit Points
<b>Choose TWO from the following:</b>		
<a href="#">BCM 115</a>	Introduction to Screen Media	6
<a href="#">CAMS103</a>	Introduction to Audio Production	6
<a href="#">CAMS104</a>	Introduction to Music Production	6
<b>Plus TWO from the following:</b>		
<a href="#">CAOS204</a>	Sound Design	6
<a href="#">CAOS203</a>	Video	6
<a href="#">BCM 216</a>	Transmedia Storytelling	6
<a href="#">CAPA216</a>	Lighting	6

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## Creative Writing

Subject Code	Subject Name	Credit Points
CACW100	Introduction to Creative Writing	6
<b>Plus a minimum of ONE from the following:</b>		
CACW103	Editing Foundation	6
CACW104	Text and Context	6
<b>Plus a minimum of TWO from the following:</b>		
CACW201	Poetic Studio	6
CACW202	Dramatic Studio	6
CACW203	Narrative Studio	6
CACW231	Writing, Representation and Power	6
CACW232	Writing and Critical Theory	6

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## Cultural Studies

Subject Code	Subject Name	Credit Points
CST 120	Culture and Society	6
CST 244	The Secret Life of Policy	6
CST 245	Critical Thinking and Cultural Change	6
<b>Plus a minimum of ONE from the following:</b>		
CST 351	Commerce and Culture	6
CST 361	Cultures of Sex, Gender and Sexuality	6
CST 371	Race and Place	6
SOC 238	Happiness: Investigating its Causes and	6

	Conditions	
<a href="#">SOC 329</a>	Globalisation and Social Transformation	6
<a href="#">SOC 344</a>	Emotions, Bodies & Society	6
<a href="#">SOC 347</a>	Sociology of Health, Illness and Medicine	6
<a href="#">SOC 356</a>	Cultures of Dispossession	6

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## Digital and Social Media

Subject Code	Subject Name	Credit Points
<a href="#">BCM 112</a>	Emergent Media	6
<a href="#">BCM 206</a>	Future Networks	6
<a href="#">BCM 325</a>	Future cultures	6
<b>Plus a minimum of ONE of the following:</b>		
<a href="#">BCM 214</a>	Digital and Social Innovation	6
<a href="#">BCM 215</a>	Game Media	6
<a href="#">BCM 300</a>	Game Making	6
<a href="#">BCM 302</a>	Advanced Digital Media Project	6

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## English Language and Linguistics

Subject Code	Subject Name	Credit Points
<a href="#">ELL 110</a>	Language in Social Life	6
<a href="#">ELL 182</a>	Effective Written Communication (ESB)	6
<b>Plus a minimum of TWO from the following:</b>		



<a href="#">ELL 230</a>	Communication Across Cultures	6
<a href="#">ELL 240</a>	Digital Tools for Language Learning and Language Analysis	6
<a href="#">ELL 272</a>	Functional Grammar and Text Analysis	6
<a href="#">ELL 280</a>	Sound and meaning in language: variety, society and identity	6
<a href="#">ELL 330</a>	World Englishes	6
<a href="#">ELL 380</a>	Language as Evidence in Social Inquiry	6
<a href="#">ELL 372</a>	Current Developments in Discourse Analysis	6

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## English Literatures

Complete a minimum of 24 credit points of subjects from the [English Literatures](#) major. 12 credit points must be at 200 or 300 level.

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## Environmental Humanities

Subject Code	Subject Name	Credit Points
<a href="#">INDS205</a>	Indigenous Peoples and the Environment	6
<a href="#">PHIL256</a>	Environmental Philosophy: Animals, Nature and Ethics	6
<a href="#">STS 216</a>	Environmental Sustainability, Risk and Governance	6
<b>Plus a minimum of ONE of the following:</b>		
<a href="#">CMP 100</a>	Ocean Conservation and Development	
<a href="#">SOC 235</a>	Living with Animals	6

<a href="#">HIST292</a>	Power and Protest in Australia	6
<a href="#">SOC 208</a>	Cities, Communities and Families	6
<a href="#">SOC 226</a>	New Social Movements	6
<a href="#">GEOG222</a>	Society and Environment: Resources, Challenges, Futures	6
<a href="#">STS 286</a>	Risk, Media and Communication	6
<a href="#">INTS311</a>	Human Security, Global Capitalism and the Environment	6
<a href="#">STS 302</a>	Climate Change Policy, Possible Futures	6
<a href="#">ENGL381</a>	Animals and Ecology in Literature and Film	6
<a href="#">PHIL326</a>	Bioethics	6
<a href="#">CAVA332</a>	Art, Nature and the Environment	6

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## Ethics

Subject Code	Subject Name	Credit Points
<b>A minimum of ONE from the following:</b>		
<a href="#">PHIL106</a>	Media, Art, and Society	6
<a href="#">PHIL107</a>	Introduction to Philosophy	6
<a href="#">PHIL151</a>	Logic: The Art of Reasoning	6
<b>Plus a minimum of TWO from the following:</b>		
<a href="#">PHIL218</a>	Ethics: Good, Bad and Evil	6
<a href="#">PHIL226</a>	Global Ethics	6
<a href="#">PHIL256</a>	Environmental Philosophy: Animals, Nature and Ethics	6

**Plus a minimum of ONE from the following:**

PHIL319	Political Philosophy: Justice, Equality and Rights	6
PHIL326	Bioethics	6

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## European Studies

Subject Code	Subject Name	Credit Points
HIST111	The Modern World	6
HIST305	Europe in World History	6
<b>Plus a minimum of TWO from the following:</b>		
FREN230	The Making of France and the French Nation	6
ITAL230	Italy: Past and Present	6
SPAN230	The Hispanic World	6
ENGL357	Sex, Power, and Chivalry - Medieval to Modern Literature	6
HIST371	Twentieth Century Dictatorships	6
LANG335	Literature and Society in Renaissance Europe	6

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## French

Subject Code	Subject Name	Credit Points
<b>*Beginner Entry</b>		

<a href="#">FREN151</a>	French for Beginners 1	6
<a href="#">FREN152</a>	French for Beginners 2	6
<a href="#">FREN241</a>	Intermediate French 1	6
<a href="#">FREN242</a>	Intermediate French 2	6
<b>*Intermediate Entry</b>		
<a href="#">FREN241</a>	Intermediate French 1	6
<a href="#">FREN242</a>	Intermediate French 2	6
<a href="#">FREN341</a>	Advanced French 1	6
<a href="#">FREN342</a>	Advanced French 2	6

\* Definitions of beginner and intermediate entry is available on the [French](#) major handbook.

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## Game Production

Subject Code	Subject Name	Credit Points
<a href="#">BCM 215</a>	Game Media	6
<a href="#">BCM 300</a>	Game Making	6
<b>A minimum of ONE of the following:</b>		
<a href="#">BCM 114</a>	Making Media	6
<a href="#">CACW100</a>	Introduction to Creative Writing	6
<a href="#">VCD 102</a>	Interaction Design Fundamentals	6
<a href="#">VAD 190</a>	Design Principles	6
<a href="#">VAD 192</a>	Design Practice	6
<b>Plus a minimum of ONE of the following:</b>		

CAOS203	Video	6
CAOS204	Sound Design	6

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## Gender Studies

Subject Code	Subject Name	Credit Points
<a href="#">SOC 227</a>	Genders and Sexualities	6
<b>Plus a minimum of ONE from the following:</b>		
<a href="#">SOC 344</a>	Emotions, Bodies & Society	6
<a href="#">SOC 351</a>	Men and Masculinities	6
<b>Plus a minimum of TWO from the following:</b>		
<a href="#">CST 120</a>	Culture and Society	6
<a href="#">ECON208</a>	Gender, Work and the Family	6
<a href="#">EDUE324</a>	Gender and Social Justice	6
<a href="#">ENGL379</a>	Desiring Bodies: Gender & Sexuality in Literature & Film	6
<a href="#">HIST357</a>	The Making of the Modern Australian Woman	6
<a href="#">HIST387</a>	Sex and Modern History	6
<a href="#">LAW 303</a>	Family Law	6
<a href="#">LAW 335</a>	Anti-Discrimination Law	6
<a href="#">PHIL326</a>	Bioethics	6
<a href="#">SOC 344</a>	Emotions, Bodies & Society	6
<a href="#">SOC 347</a>	Sociology of Health, Illness and Medicine	6

<a href="#">SOC 351</a>	Men and Masculinities	6
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## Global Sustainable Development

Subject Code	Subject Name	Credit Points	Session(s)
<b>Core</b>			
<a href="#">INTS204</a>	Global Aid and Development: Challenges and Prospects	6	Spring
<a href="#">PHIL226</a>	Global Ethics	6	Spring
<a href="#">INTS311</a>	Human Security, Global Capitalism and the Environment	6	Autumn
<b>Plus a minimum of ONE of the following:</b>			
<a href="#">INTS349</a>	Special Topics in Global Sustainable Development	6	Autumn, Spring
<a href="#">POL 309</a>	Global Political Economy	6	Spring
<a href="#">POL 326</a>	Global Inequality	6	Autumn
<a href="#">SOC 329</a>	Globalisation and Social Transformation	6	Autumn
<a href="#">SOC 356</a>	Cultures of Dispossession	6	Autumn
<a href="#">STS 302</a>	Climate Change Policy, Possible Futures	6	Autumn

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## Global Screen Media



Subject Code	Subject Name	Credit Points
<b>Choose a minimum of TWO from the following:</b>		
BCM 111	Global Media and Culture	6
BCM 112	Emergent Media	6
BCM 115	Introduction to Screen Media	6
<b>Choose a minimum of TWO from the following:</b>		
BCM 216	Transmedia Storytelling	6
BCM 217	Documentary	6
CAOS203	Video	6

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## Graphic Design

Subject Code	Subject Name	Credit Points
VAD 190	Design Principles	6
VAD 192	Design Practice	6
<b>Plus a minimum of TWO of the following:</b>		
VCD 201	Typography	6
CAOS202	Word and Image	6
VCD 203	Social Impact Design	6

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## International Relations

Subject	Subject Name	Credit	Session(s)
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Code		Points	
<a href="#">INTS200</a>	Model United Nations	6	Autumn
<a href="#">INTS207</a>	Conflict, Peace & Security	6	Autumn
<a href="#">POL 309</a>	Global Political Economy	6	Spring
<b>Plus a minimum of ONE of the following:</b>			
<a href="#">HIST358</a>	War and Society	6	Autumn
<a href="#">INTS352</a>	Special Topics in International Relations	6	Autumn, Spring
<a href="#">LAW 343</a>	International Law	6	Autumn
<a href="#">LAW 354</a>	Human Rights Law	6	Spring
<a href="#">POL 306</a>	Complex Peace Operations	6	Spring

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## Indigenous Studies

Subject Code	Subject Name	Credit Points
<b>A minimum of ONE from the following:</b>		
<a href="#">INDS130</a>	Indigenous Knowledge in Global Contexts	6
<a href="#">INDS150</a>	Introduction to Indigenous Australia	6
<b>Plus a minimum of one from the following:</b>		
<a href="#">INDS207</a>	Critical Themes in Indigenous Studies	6
<a href="#">INDS208</a>	Working with Indigenous Communities	6
<b>Plus:</b>		
<a href="#">INDS305</a>	Research and Indigenous	6



## Communities

**Plus ONE 200 or 300 level subject from the list of electives from the major.**

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## Italian

Subject Code	Subject Name	Credit Points
<b>*Beginners Entry</b>		
<a href="#">ITAL151</a>	Italian for Beginners 1	6
<a href="#">ITAL152</a>	Italian for Beginners 2	6
<a href="#">ITAL241</a>	Intermediate Italian 1	6
<a href="#">ITAL242</a>	Intermediate Italian 2	6
<b>*Intermediate Entry</b>		
<a href="#">ITAL241</a>	Intermediate Italian 1	6
<a href="#">ITAL242</a>	Intermediate Italian 2	6
<a href="#">ITAL341</a>	Advanced Italian 1	6
<a href="#">ITAL342</a>	Advanced Italian 2	6

\* Definitions of beginner and intermediate entry is available on the [Italian](#) major handbook.

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## Japanese

Subject Code	Subject Name	Credit Points
<b>*Beginner Entry</b>		
<a href="#">JAPA141</a>	Beginner Japanese 1	6

<a href="#">JAPA142</a>	Beginner Japanese 2	6
<a href="#">JAPA241</a>	Intermediate Japanese 1	6
<a href="#">JAPA242</a>	Intermediate Japanese 2	6
<b>*Intermediate Entry</b>		
<a href="#">JAPA241</a>	Intermediate Japanese 1	6
<a href="#">JAPA242</a>	Intermediate Japanese 2	6
<b>Plus a minimum of TWO from the following:</b>		
<a href="#">JAPA341</a>	Advanced Japanese 1	6
<a href="#">JAPA342</a>	Advanced Japanese 2	6
<a href="#">JAPA343</a>	Advanced Japanese 3	6
<a href="#">JAPA344</a>	Advanced Japanese 4	6
<a href="#">JAPA320</a>	Advanced Readings in Japanese	6

\* Definitions of beginner and intermediate entry is available on the [Japanese](#) major handbook.>

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## Journalism

Subject Code	Subject Name	Credit Points
<a href="#">JRNL101</a>	Media Reporting and Storytelling 1	6
<a href="#">JRNL102</a>	Multimedia Reporting and Production	6
<a href="#">JRNL203</a>	Audio Journalism Production 1	6
<a href="#">JRNL204</a>	Video Journalism Production 1	6

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## Legal Studies

Subject Code	Subject Name	Credit Points
LAW 101	Introduction to Law	6
LAW 284	Politics of Justice	6
SOC 247	Punishment: Purpose, Practice, Policy	6
<b>A minimum of ONE subject from the following:</b>		
LAW 302	Law of Business Organisations	6
LAW 303	Family Law	6
LAW 308	Administrative Law	6
LAW 315	Taxation Law	6
LAW 316	Work Health and Safety Law	6
LAW 319	International Business Law	6
LAW 321	Banking Law	6
LAW 323	Consumer Protection and Product Liability Law	6
LAW 325	Children of the Law	6
LAW 326	Gender, Sexuality and the Law	6
LAW 330	Law of Employment	6
LAW 331	Intellectual Property Law	6
LAW 332	Labour Regulation	6
LAW 334	Environmental Law	6
LAW 335	Anti-Discrimination Law	6
LAW 338	International Trade Law	6
LAW 343	International Law	6
LAW 344	Indigenous Peoples and Legal Systems	6

<a href="#">LAW 348</a>	Media Law	6
<a href="#">LAW 354</a>	Human Rights Law	6
<a href="#">LAW 337</a>	Animal Law	6
<a href="#">LAW 383</a>	Disability and Law	6
<a href="#">LAW 385</a>	Refugee Law	6

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## Marketing Communication and Advertising

Subject Code	Subject Name	Credit Points
<b>Core</b>		
<a href="#">MARK101</a>	*Marketing Principles	6
<a href="#">MARK250</a>	Advertising Practice and Creative Strategies	6
<a href="#">MARK221</a>	Public Relations Concepts	6
<a href="#">MARK322</a>	Corporate Identity and Branding	6

\* Students enrolled in the Bachelor of Commerce and related double degrees, for whom [MARK101](#) is a compulsory subject, may complete a minor in Marketing Communication and Advertising by substituting MGNT102.

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## Media Arts

Students completing the 'Global Screen Media' major may not take the Media Arts Minor.

Subject Code	Subject Name	Credit Points
<a href="#">BCM 115</a>	Introduction to Screen Media	6

<a href="#">MEDA102</a>	Alternative Cinemas	6
<a href="#">BCM 216</a>	Transmedia Storytelling	6
<a href="#">MEDA202</a>	Tangible Media	6

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## Modern History

Subject Code	Subject Name	Credit Points
<a href="#">HIST111</a>	The Modern World	6
<b>Plus a minimum of ONE of the following:</b>		
<a href="#">AUST101</a>	Australian Studies: Cultures and Identities	6
<a href="#">AUST102</a>	Locating Australia	6
<b>Plus credit points to complete a total of 24 credit points for the minor, selected from 200 and 300 level subjects offered in the History Major (excluding Ancient History Subjects)</b>		

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## Music

Subject Code	Subject Name	Credit Points
<a href="#">CAMS101</a>	Music Skills 1	6
<a href="#">CAMS102</a>	Music Skills 2	6
<b>Plus a minimum of TWO from the following:</b>		
<a href="#">CAMS201</a>	Music Studio 1	6
<a href="#">CAMS231</a>	Critical Studies in Music 1	6
<a href="#">CAMS232</a>	Critical Studies in Music 2	6

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## Philosophy

Complete a minimum of 24 credit points of subjects from the [Philosophy](#) major. 12 credit points must be at 200 or 300 level.

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## Philosophy Of Psychology

Subject Code	Subject Name	Credit Points
<a href="#">PHIL234</a>	Philosophy of Mind: Mind, Body and World	6
<a href="#">PHIL318</a>	Stories in Our Lives: Mind, Self and Psychosis	6
<b>Plus a minimum of ONE from the following:</b>		
<a href="#">PHIL106</a>	Media, Art and Society	6
<a href="#">PHIL107</a>	Introduction to Philosophy	6
<a href="#">PHIL151</a>	Logic: The Art of Reasoning	6
<b>Plus a minimum of ONE from the following:</b>		
<a href="#">PHIL227</a>	The Meaning of Life: Absurdity and Existence	6
<a href="#">PHIL329</a>	Imagination and Emotion	6

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## Photography

Subject Code	Subject Name	Credit Points
<b>A minimum of TWO from the following:</b>		

<a href="#">CAVA124</a>	Introduction to Photography 1	6
<a href="#">CAVA125</a>	Introduction to Photography 2	6
<a href="#">CAVA126</a>	Introduction to Photography Intensive	6
<b>Plus a minimum of TWO from the following:</b>		
<a href="#">CAVA224</a>	Advanced Photography 1	6
<a href="#">CAVA225</a>	Advanced Photography 2	6
<a href="#">CAVA226</a>	Advanced Photography Intensive	6

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## Politics

Complete a minimum of 24 credit points of subjects from the [Politics](#) major. A minimum of 12 credit points must be at 200 or 300 level.

A maximum of one subject with an INTS prefix can be included.

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## Science and Technology Studies

Subject Code	Subject Name	Credit Points
<b>A minimum of ONE from the following:</b>		
<a href="#">STS 112</a>	The Scientific Revolution	6
<a href="#">STS 209</a>	Sociology of Knowledge:Theories, Methods & Practices in the Sciences	6
<b>Plus:</b>		
<a href="#">STS 216</a>	Environmental Sustainability, Risk and Governance	6
<a href="#">STS 286</a>	Risk, Media and Communication	6
<a href="#">STS 302</a>	Climate Change Policy, Possible Futures	6

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## Sociology

Subject Code	Subject Name	Credit Points
<b>A minimum of ONE from the following:</b>		
<a href="#">SOC 103</a>	Introduction to Sociology	6
<a href="#">SOC 104</a>	Investigating Society	6
<b>Plus the following:</b>		
<a href="#">SOC 207</a>	Introduction to Social Theory	6
<a href="#">SOC 234</a>	Social Research Methods	6
<b>Plus ONE subject from the schedule of the Sociology major</b>		

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## Spanish

Subject Code	Subject Name	Credit Points
<b>*Beginner Entry</b>		
<a href="#">SPAN151</a>	Spanish for Beginners 1	6
<a href="#">SPAN152</a>	Spanish for Beginners 2	6
<a href="#">SPAN241</a>	Intermediate Spanish 1	6
<a href="#">SPAN242</a>	Intermediate Spanish 2	6
<b>*Intermediate Entry</b>		
<a href="#">SPAN241</a>	Intermediate Spanish 1	6
<a href="#">SPAN242</a>	Intermediate Spanish 2	6
<a href="#">SPAN341</a>	Advanced Spanish 1	6



SPAN342

Advanced Spanish 2

6

\* Definitions of beginner and intermediate entry is available on the [Spanish major handbook](#).

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## Theatre

The Theatre Minor Study is not available to students studying the Bachelor of Performance.

Subject Code	Subject Name	Credit Points
<a href="#">CAPF111</a>	Stagecraft 1	6
<a href="#">CAPF112</a>	Stagecraft 2	6
<b>Plus a minimum of TWO from the following:</b>		
<a href="#">CAPF221</a>	Theatre Studio: Performance Workshop	6
<a href="#">CAPF222</a>	Theatre Studio: Methodologies	6
<a href="#">CAPF231</a>	Contemporary Theatre and Text	6
<a href="#">CAPF232</a>	Contemporary Australian Theatre and its Context	6
<a href="#">CAPF331</a>	Theory and Practice of Theatre in the 20th and 21st Century	6
<a href="#">CAPF333</a>	Political Dramaturgy	6

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## Technical Theatre

The Technical Theatre Minor is not available to students studying the Bachelor of Performance.

Subject Code	Subject Name	Credit Points

CAPA111	Stage Management	6
CAPA112	Introduction to Lighting and Sound	6
<b>Plus a minimum of ONE from the following:</b>		
CAPA211	Technical Theatre: Production 1	6
CAPA212	Technical Theatre: Production 2	6
<b>Plus a minimum of ONE from the following:</b>		
CAOS204	Sound Design	6
CAPA216	Lighting	6

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## Visual Arts

The Visual Arts Minor Study is not available to students studying Visual Arts or the Visual Arts and Design Major.

Subject Code	Subject Name	Credit Points
<b>A minimum of TWO from the following:</b>		
CAVA111	Visual Arts Studio Workshop A	6
CAVA112	Visual Arts Studio Workshop B	6
CAVA113	Visual Arts Studio Workshop C	6
CAVA124	Introduction to Photography 1	6
CAVA125	Introduction to Photography 2	6
CAVA126	Introduction to Photography Intensive	6
MEDA102	Alternative Cinemas	6
<b>Plus a minimum of TWO from the following:</b>		
CAOS202	Word and Image	6

<a href="#">MEDA202</a>	Tangible Media	6
<a href="#">CAVA211</a>	Visual Arts Studio Workshop D	6
<a href="#">CAVA212</a>	Visual Arts Studio Workshop E	6
<a href="#">CAVA213</a>	Visual Arts Studio Workshop F	6
<a href="#">CAVA224</a>	Advanced Photography 1	6
<a href="#">CAVA225</a>	Advanced Photography 2	6
<a href="#">CAVA226</a>	Advanced Photography Intensive	6

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## OTHER INFORMATION

For further information email the Faculty of Law, Humanities and the Arts: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au).

Last reviewed: 27 March, 2019

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Arts - Bachelor of Commerce | 2019

Testamur Title of Degree:	Bachelor of Arts - Bachelor of Commerce
Abbreviation:	BA-BCom
UOW Course Code:	703
CRICOS Code:	012086A
Total Credit Points:	216
Duration:	4.5 years full-time or part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn/Spring*
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 751301

\* Students eligible for Credit Transfer may begin in Summer Session if appropriate subjects are available.

## Overview

A UOW Arts and Commerce degree will teach you the essential skills needed to think critically about the world of business. It provides you with an understanding of the corporate and commercial environment including management, operations, marketing, accounting, economics and finance. At the same time you will study the traditional areas of Arts including history, literature, languages and philosophy and the disciplines of social sciences; cultural studies, sociology and politics. In this degree you will learn essential skills to utilise in your everyday life for decades to come. These include effective communication and problem solving, negotiating, and collaboration and time management; all skills essential for high achievement in a range of global business, government or NGO careers.

The Bachelor of Arts will equip you for today's rapidly changing world. You will develop skills and capacities necessary to understand how the world has come to be the way it is today. The disciplines housed in the Bachelor of Arts degree share a common interest in addressing the fundamental questions of human social life. What do we need to know to make a better future, and what are the best ways of finding out? You will see and appreciate the world afresh, developing the analytical and communicative abilities to enrich life and your community. Share in the rich and global dialogue on contemporary human cultures.

Today's business environment is dynamic and complex. The Bachelor of Commerce degree provides core skills in many business functions as well as specialist knowledge in a chosen field. Throughout this degree you will have the opportunity to gain practical, real-world experience and make professional connections, including the opportunity to participate in the Business Internship program.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

The outcomes, which are common and consolidated in this joint degree,

ensure that on successful completion of the course students will be able to:

CLO	Description
1	Combine disciplinary knowledge from both Commerce and Arts to apply to a variety of real-world professional contexts;
2	Communicate concepts effectively, orally and in writing, to a range of audiences;
3	Critically analyse complex issues and ideas across business, organisational, social and cultural contexts;

Please refer to the [Course Handbook](#) page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

To qualify for award of the degree, Bachelor of Arts - Bachelor of Commerce, a candidate must successfully complete at least 216 credit points, comprised of:

1. The core subjects (including the capstone subject) from the [Bachelor of Commerce](#) (54 credit points);
2. At least one major from the [Bachelor of Commerce](#) (48 credit points);
3. At least 90 credit points of subjects offered by the Faculty of Law Humanities and the Arts, including:
  - a. [LHA 101](#) Introduction to Arts and the Humanities (6 credit points). This subject is undertaken in the first session and is designed to provide students with the academic skills necessary to succeed at University. [LHA 101](#) assists students to understand the structure of their degree, plan their study pathway, and plan for post-university careers. It introduces students to key concepts including critical thinking, digital literacy, academic integrity, effective communication and degree and career planning;
  - b. at least one of the majors listed in the [Bachelor of Arts](#) (minimum 48, maximum 60 credit points);
  - c. a second major (minimum 48, maximum 60 credit points), or a minor (minimum 24 credit points), from within the Faculty of Law, Humanities and the Arts.
4. If required, electives to bring the total credit points to 216.

## Majors and Minors

Students in this double degree will take at least two majors. One from the [Bachelor of Arts](#) and one from the [Bachelor of Commerce](#). Follow the links to each Course Handbook page for information regarding the majors and minors on offer.

As part of their Bachelor of Arts Component, students will also choose either

a second Major, or Minor chosen from the Bachelor of Arts.

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

The [Faculty of Law, Humanities and the Arts internship program](#) provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Some Majors will have a specific internship subject available for students. Otherwise, students can consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Honours

Honours is a fourth year of study that provides training in independent research. Students who complete the double degree with the required academic standard are encouraged to proceed to the Honours degree in either the [Bachelor of Arts \(Honours\)](#) or the [Bachelor of Commerce \(Honours\)](#). Please refer to the Honours handbook pages for the single degrees for further information about these degrees and their entry requirements.

## Other Information

For further information email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of International Studies | 2019

Testamur Title of Degree:	Bachelor of International Studies
Abbreviation:	BlntSt
UOW Course Code:	1817
CRICOS Code:	064122E
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 753121

## Overview

A degree in International Studies at UOW helps you step onto a world stage of global opportunities including the chance to study abroad as part of your degree. You'll benefit from our expertise in international relations, our involvement in issues of global development and sustainability, and our focus on global media and communications.

At UOW, you will engage, interact and most importantly, be taught by experts in their fields. UOW staff are high-quality and passionate teachers and academics who are research leaders in security studies, international relations, political economy, settler colonialism, aid and development.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Demonstrate a sound understanding of key components of global society and key global challenges through insights and knowledge gained from multiple perspectives and disciplines.
2	Communicate effectively and ethically across a wide range of contexts.
3	Apply qualitative and quantitative analytical and problem-solving skills necessary for international studies careers and global citizenship.
4	Critically review interconnections between local and global issues and events as well as the historical and contemporary processes that have transformed the globe.
5	Display in-depth knowledge in one of the offered major areas of study.

## Course Structure

To qualify for award of the Bachelor of International Studies, a student must complete a total of at least 144 credit points comprised of:

1. Core subjects outlined in the schedule below (24 credit points);
2. A minimum of a minor in a language other than English (24 credit points);
3. At least one of the two Majors listed in this degree (48 credit points):  
Global Sustainable Development or International Relations;

4. Electives to bring the total number of credit points to 144. To complete the credit points required for the degree, students can choose from the following options:
- taking additional elective subjects;
  - turn their language minor into a major;
  - take an additional major from the Bachelor of International Studies; or
  - take an additional minor or major from the Bachelor of Arts. Students may not cross count more than one subject in any minor or major;

Notes:

- Not more than 60 credit points in 100-level subjects.
- Students are strongly encouraged to undertake a semester of overseas study. However, it is not a degree requirement.

Subject Code	Subject Name	Credit Points
<b>Core</b>		
<a href="#">LHA 101</a>	*Introduction to Arts and the Humanities	6
<a href="#">INTS100</a>	Introduction to International Studies	6
<a href="#">INTS206</a>	Methods in International Studies and Politics	6
<a href="#">INTS301</a>	*Senior Seminar in International Studies (Capstone)	6

\*INTS301 Senior Seminar in International Studies is the capstone subject for this degree.

\*[LHA 101](#) Introduction to Arts and the Humanities is undertaken in the first session and is designed to provide students with the academic skills necessary to succeed at University. [LHA 101](#) assists students to understand the structure of their degree, plan their study pathway and plan for post-university careers. It introduces students to key concepts including critical thinking, digital literacy, academic integrity, effective communication and degree and career planning.

Click on subject codes in the above table for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Majors

Students must complete at least one of the 48 credit point Majors below:

- [Global Sustainable Development](#)
- [International Relations](#)

As part of their electives, students may wish to take a second major from those listed above, a major from the [Bachelor of Arts](#), or chosen from another degree.

## Minors

Students must complete the subjects for a minor in one of the languages listed below:

- Chinese (Mandarin) for Character Background Students
- Chinese (Mandarin) for Non-Chinese Background Students
- French
- Italian
- Japanese
- Spanish

Students may also use their electives to take other 24 credit point minors. Minors are also available in Global Sustainable Development and International Relations. Information regarding minors is available on the [2019 LHA General Schedule of Minors](#) page.

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

The [Faculty of Law, Humanities and the Arts internship program](#) provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Students are also encouraged to consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Honours

Honours is a fourth year of study that provides training in independent research. Students who complete the single degree with the required academic standard are encouraged to proceed to the [Bachelor of](#)

[International Studies \(Honours\)](#). Please refer to the Honours handbook page for further information about the degree and entry requirements.

## Other Information

Further information is available via email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 30 May, 2019

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Arts - Bachelor of Laws | 2019

Testamur Title of Degree:	Bachelor of Arts - Bachelor of Laws
Abbreviation:	BA-LLB
UOW Course Code:	1888
CRICOS Code:	094212K
Total Credit Points:	240*
Duration:	5 years full-time or **part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn / Spring#
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 751201

\* This is a minimum figure and may vary depending on the major.

\*\*Students interested in studying this degree part-time should consult with the Law Head of Students by contacting [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au).

#Students commencing in Spring will undertake their first session in the Bachelor of Arts, before completing their first year of Law in their second year of enrolment.

## Overview

A Bachelor of Arts – Bachelor of Laws from UOW equips graduates with a comprehensive legal education: a world-class degree that provides a thorough grounding in the law, as well as a real-world focus on the essential practical skills and the social and ethical context in which the law operates. Combining Law with a UOW Arts degree adds flexibility and versatility to your studies.

We believe that practical experience is a vital part of your legal training. We are the only law school in New South Wales that requires you to complete a legal internship, providing highly valued industry experience.

We are committed to social justice and providing a legal education that engages with the complexities of law's intersection with society.

This double degree delivers a practical and contextual legal education that prepares graduates not only for traditional careers in the legal profession but also for a wide range of careers in government, business and community organisations – as leaders, innovators and problem solvers.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

The outcomes, which are common and consolidated in this joint degree, ensure that on successful completion of the course students will be able to:

CLO	Description
1	Critically evaluate complex issues and ideas from a legal, social and cultural perspective;



2	Apply disciplinary knowledge from both Law and the Humanities to critically analyse and ethically resolve complex issues in a variety of real-world and professional contexts;
3	Communicate effective, appropriate, creative responses to a range of audiences in response to complex issues;

Please refer to the [Course Handbook](#) page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

To qualify for award of the degree, the Bachelor of Arts - Bachelor of Laws, a candidate must successfully complete at least 240 credit points, comprised of the following:

1. All compulsory Law subjects as set out in the table below;
2. 30 credit points of electives from the [Bachelor of Laws \(Graduate Entry\)](#);
3. at least 96 credit points of subjects offered by the Faculty of Law, Humanities and the Arts including:
  - a. at least one of the majors listed in the [Bachelor of Arts](#) (minimum 48 credit points and maximum 60 credit points);
  - b. a second major (minimum 48 credit points and maximum 60 credit points), or a minor (minimum 24 credit points), from within the Faculty of Law, Humanities and the Arts;
4. If required, elective subjects to bring the total number of credit points completed to 240.

Note:

- No more than 48 credit points shall be of 100-level subjects;
- Students are not required to take LHA 101;
- Where any subjects have the prefix LAW, the equivalent Bachelor of Laws subjects (LLB) must be substituted.

Subject Code	Subject Name	Credit Points
<b>Year 1</b>		
<a href="#">LLB1100</a>	Foundations of Law	6
<a href="#">LLB1115</a>	Legal Skills	6
<a href="#">LLB1120</a>	Law of Contract A	6
<a href="#">LLB1130</a>	Criminal Law and Procedure A	6
<a href="#">LLB1160</a>	Interpreting the Law	6

<a href="#">LLB1170</a>	Law of Contract B	6
<a href="#">LLB1180</a>	Criminal Law and Procedure B	6
<a href="#">LLB1197</a>	Legal Ethics & Professional Responsibility	6
<b>Year 2</b>		
<a href="#">LLB2220</a>	Property Law	6
<a href="#">LLB2230</a>	Administrative Law	6
<a href="#">LLB2270</a>	Equity and Trusts	6
<a href="#">LLB2280</a>	Constitutional Law	6
Subjects from the Bachelor of Arts or Faculty of Law, Humanities and the Arts		
<b>Year 3</b>		
<a href="#">LLB2225</a>	Advanced Legal Skills	6
<a href="#">LLB2240</a>	Law of Torts	6
<a href="#">LLB2290</a>	Jurisprudence	6
<a href="#">LLB3397</a>	Legal Internship	3
1 LLB Elective		
Subjects from the Bachelor of Arts or Faculty of Law, Humanities and the Arts		
<b>Year 4</b>		
<a href="#">LLB3300</a>	Remedies and Civil Procedure	6
<a href="#">LLB3301</a>	Evidence	6
<a href="#">LLB3302</a>	Law of Business Organisations	6
1 LLB Elective		
Subjects from the Bachelor of Arts or Faculty of Law, Humanities and the Arts		
<b>Year 5</b>		

<b>3 LLB Electives</b>		
<a href="#">LLB3399</a>	Law, Justice and Professional Practice	3
Subjects from the Bachelor of Arts or Faculty of Law, Humanities and the Arts		

### **Part-time Study**

A student is considered part-time when they are enrolled in less than 75% of the standard load for a session. If you are seeking to complete your undergraduate law degree part-time, you are required to complete a minimum of 12 credit points (2 subjects) per session. Please refer to the [Recommended Study Sequence](#) for information.

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Major and Minors

As part of the Bachelor of Arts, students will complete at least one major, along with either a second major or a minor. Information on the major and minor options can be found on the [Bachelor Arts Course Handbook Page](#).

## Compulsory Work Placement / Online Components

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

Law students will complete a Legal Internship subject (LLB3397). This subject is the vehicle for a practical placement designed to expose students to the application of the law in practice; enable students to understand the importance of developing the skills of legal research; communication, drafting, practice management and problem solving; and enable students to observe and reflect upon the values, ethical standards and conduct of the legal profession in practice.

This course contains a total of 140 hours over 4 weeks of compulsory work-based placements. This course may also contain compulsory components to be completed online.

# Law Professional Recognition / Accreditation

The UOW Bachelor of Laws (single LLB or in combination with another degree) is accredited by the Legal Profession Admission Board (LPAB) as satisfying the academic requirements necessary for admission to the Australian legal profession. On completion of the Bachelor of Laws, a student who wishes to practise as a barrister or solicitor must also undertake some form of professional practical training, the requirements for which vary between each state and territory of Australia.

In New South Wales, a student who intends to qualify for admission to practice is required to undertake a practical legal training (PLT) course accredited by the LPAB, followed by or incorporating a period of practical experience in a law-related setting. Practical experience gained by students in [LLB3397 Legal Internship](#) may be counted towards this practical experience requirement. Graduates should check with their PLT provider. A list of LPAB accredited PLT courses can be found on the [LPAB website](#).

Students who intend to practise as solicitors after admission will be subject to a period of restricted practice and the mandatory continuing legal education requirements. Further information is available from the [Law Society of New South Wales](#). Students who intend to practise as barristers after admission will be required to read with a senior barrister for a period of time and to undertake the Bar Readers' Course and Bar Examination before being qualified to take briefs on their own account. Further information is available from the [New South Wales Bar Association](#).

## Honours

### Law

High achieving students enrolled in this double degree may consult with the [Honours Coordinator in Law](#) regarding the possibility of transferring into an [Honours Law](#) degree.

A student who successfully transfers into an Honours program but does not meet the minimum performance standards required for the award of Honours will be permitted to transfer back to the double degree in which they were enrolled immediately prior to the transfer into the Honours course, and will be awarded credit for the number of credit points passed in the Honours degree.

### Arts

Students seeking to pursue an Honours degree in Arts should refer to the information on the Bachelor of Arts (Honours) [Course Handbook Page](#).

# Other Information

For further information email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 11 June, 2019

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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Science | 2019

Testamur Title of Degree:	Bachelor of Science
Abbreviation:	BSc
UOW Course Code:	742
CRICOS Code:	003283D
Total Credit Points:	144
Duration:	Minimum 3 years full-time or part-time equivalent (Full-time duration could vary depending on the major chosen, please see entry requirements for more information)
Home Faculty:	Faculty of Science, Medicine and Health
Intake Session(s):	Autumn/Spring*
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 757621



\*Mid-year entry for the Bachelor of Science (Biological Sciences, Chemistry, Bionanotechnology, Conservation Biology, Environment, Medical Biotechnology or Medicinal Chemistry) must be in consultation with the relevant Head of the School. For these majors, the minimum duration to complete the degree after mid-year entry is 3½ years full-time or part-time equivalent.

## Overview

Students may gain a comprehensive education in Science by selecting a major study and a range of elective subjects. The major areas of study comprise: Biological Sciences, Chemistry, Geology and Physical Geography and Environmental Geosciences. Other interdisciplinary majors are Conservation Biology, Environment, Medical Biotechnology, Medicinal Chemistry and Bionanotechnology.

The flexible structure of the major and electives allows students to design their study program to meet their particular interests and abilities. Students may combine their chosen Science major with a second major chosen from outside the Faculty, or with a range of elective subjects.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Demonstrate broad and coherent knowledge of the principles and concepts associated with a specific discipline area of science.
2	Demonstrate technical and cognitive skills in locating, discriminating and explaining information in relation to an area of science.
3	Exercise critical thinking and problem solving.
4	Demonstrate how knowledge and skills in an area of science can be applied in scientific or scholarly works.

## Course Structure

To qualify for award of the degree, the Bachelor of Science, a candidate must successfully complete at least 144 credit points, as outlined below.

### **Please note:**

- Students who have not completed HSC Mathematics at Band 4 or higher (or equivalent) are required to complete a mathematics subject (MATH151 or equivalent), normally in the first year.
- Students may only count 60 credit points of 100-level subjects towards the degree.
- Students must complete a minimum of 24 credit points of 300-level subjects.
- Students must have a grade of Pass (not Pass Supplementary) or higher in at least 24 credit points of 300-level core subjects which form part of a Science major.
- The requirements for a Bachelor of Science can be met by completing a flexible major, which may be combined with a second major from another Faculty; or a prescribed major.

## Major Study Areas

### **Flexible Majors**

One major chosen from disciplines located in the Faculty. A major study consists of at least 90 credit points from the [Science Schedule](#), including the specified core subjects for one of the Bachelor of Science disciplines:

- [Biological Sciences](#)
- [Chemistry](#)
- [Geology](#)
- [Physical Geography and Environmental Geosciences](#)

The balance of 54 credit points (to a degree total of 144) may be chosen from either the [Science Schedule](#) or General Schedule, and may include a selection of complementary or contrasting subjects, or other subjects with the approval of the Course Coordinator or Head of School. A minimum of 24 credit points at 300-level is required.

### **Prescribed Majors**

One of the five interdisciplinary, prescribed majors where the course program is prescribed for each year.

- [Conservation Biology](#)
- [Environment](#)
- [Medical Biotechnology](#)
- [Medicinal Chemistry](#)
- [Bionanotechnology](#)

## Honours

Students with a good academic record, particularly in third year, are encouraged to proceed to the Honours year in the discipline of their major. The Honours year is a fourth year of study that provides training in independent research.

For further information refer to the separate entry for the [Bachelor of Science \(Honours\)](#).

## Other Information

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

Last reviewed: 24 April, 2018

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# Subject Database

From 2021, please access the Handbook to search for subjects -

<https://courses.uow.edu.au/search>

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Information Technology | 2019

Testamur Title of Degree:	Bachelor of Information Technology
Abbreviation:	BIT
UOW Course Code:	1807
CRICOS Code:	061445K
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Engineering and Information Sciences
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 754300

## Overview

The Bachelor of Information Technology has a common core structure that offers graduates key skills required for any IT professional such as: organisational areas in IT, database management, programming, information systems analysis and design, communications and networks, security, eBusiness, project management, web-based technology, and professional practice in IT.

The Bachelor of Information Technology is accredited by the Australian Computer Society as meeting the requirements for membership at the "Professional Level".

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Demonstrate broad and coherent theoretical and technical knowledge of information technologies and the ability to apply this knowledge to solve a range of practical problems.
2	Perform analysis and design of innovative systems to solve a range of problems.
3	Acquire, synthesise and integrate information within a complex professional setting .
4	Think critically and creatively to identify better system solutions within business contexts.
5	Function and work collaboratively with others to solve information technology problems achieving a common goal.
6	Apply informed professional judgements regarding ethical and responsible decision making with consideration of related social responsibilities.
7	Reflect upon work practices, tools and frameworks for ongoing professional development.

# Course Structure

To qualify for award of the Bachelor of Information Technology, a candidate must complete at least 144 credit points, comprised of the following:

1. The following core subjects;

Subject Code	Subject Name	Credit Points	Session(s)
CSIT111	Programming Fundamentals	6	Autumn, Spring
CSIT113	Problem Solving	6	Autumn
CSIT114	System Analysis	6	Autumn
CSIT115	Data Management and Security	6	Autumn, Spring
CSIT21	Object Oriented Design and Programming	6	Autumn, Spring
CSIT27	Networks and Communications	6	Spring
CSIT28	Introduction to Web Technology	6	Spring
CSIT214	IT Project Management	6	Autumn, Spring
ISIT219	Knowledge and Information Engineering	6	Autumn
MATH223	Mathematics for Information Technology	6	Autumn
CSIT226	Human Computer Interaction	6	Spring
ISIT204	Principles of eBusiness	6	Spring
ISIT224	Management Information Systems	6	Spring
CSIT314	Software Development	6	Autumn

	Methodologies		
CSIT321	Project	12	Annual, Spring 2019/Autumn 2020

2. To be awarded with a major, a candidate must satisfactorily complete the four (4) subjects (24cp) listed for that major.

3. Students not completing a major must complete 12 credit points of 300 level CSCI or ISIT subjects, AND an additional 12 credit points of either 200 or 300 level CSCI, CSIT or ISIT subjects not listed in the core.

4. To be awarded with a double major, candidates must ensure that four of the subjects selected satisfy the requirements of one major and that a separate set of four subjects satisfy the requirements of a second major; i.e. any subject counted towards one major cannot also be counted towards a second major.

5. Elective subjects from the School of Computing and Information Technology, that is CSIT, ISIT, or CSCI subjects, or from the [General Schedule](#), not already included in the core or major subjects, to bring the total credit points to 144. Note: A maximum of 60 credit points of 100 level subjects.

The Faculty encourages the development of ICT skills and knowledge in the workplace through industry placement. Completion of [ISIT200](#) Industry Placement, which is a minimum of a single 8-week period of approved industry placement, assessed in the form of written reports, is highly recommended to all students.

## Major Study Areas

Candidates enrolled in this degree may choose to major in:

- [e-Business](#)
- [Social and Digital Innovation](#)
- [Network Design and Management](#)
- [Web Design and Development](#)
- [Computing](#) (No intake for this major in 2019 at the UOW Wollongong Campus. This is under review)

### E-Business

Subject Code	Subject Name	Credit Points	Session(s)
ISIT306	Strategic eBusiness Solutions	6	Autumn



<a href="#">OPS_200</a>	Management and Electronic Business	6	Autumn
<a href="#">ISIT208</a>	Strategic Systems Management	6	Spring
<a href="#">ISIT332</a>	Business Process Management	6	Spring

## Social and Digital Innovation

Students wishing to complete this major must speak with the BIT course coordinator.

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">ISIT313</a>	Corporate Responsibility and IT	6	Autumn
<a href="#">ISIT333</a>	Social Media and the Workplace	6	Autumn
<a href="#">ISIT203</a>	Social Informatics	6	Spring
<a href="#">ISIT343</a>	Programming for Social Innovation	6	Spring

## Network Design and Management

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">ISIT212</a>	Corporate Network Planning and Design	6	Autumn
<a href="#">ISIT302</a>	Corporate Network Management	6	Autumn
<a href="#">CSCI322</a>	Systems Administration	6	Spring
<a href="#">ISIT328</a>	Corporate Network Security	6	Spring

## Web Design and Development

Subject Code	Subject Name	Credit Points	Session(s)
ISIT307	Backend Web Programming	6	Autumn
ISIT207	Frontend Web Programming	6	Spring
ISIT312	Big Data Management	6	Spring
ISIT315	Semantic Web	6	Spring

## Computing\*

All of the core subjects listed in the [Bachelor of Computer Science](#) plus the subjects listed below:

Subject Code	Subject Name	Credit Points	Session(s)
CSCI205	Software Development Methods & Tools	6	Not offered in this year
CSCI213	Java Programming and Applications	6	Not offered in this year
CSCI235	Database Systems	6	Autumn, Spring
CSCI311	Software Process Management	6	Not offered in this year
CSCI315	Database Design and Implementation	6	Not offered in this year
CSCI322	Systems Administration	6	Spring
ISIT302	Corporate Network Management	6	Autumn

\* No intake for the Computing major in 2019 at the UOW Wollongong Campus.

# Professional Recognition/Accreditation

The Bachelor of Information Technology is accredited by the [Australian Computer Society](#) as meeting the requirements for membership at the "Professional Level".

## Other Information

For further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au)

Last reviewed: 24 October, 2018

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Accountancy | 2019

### Overview

The Bachelor of Commerce (Accountancy) offers advanced accountancy topics including financial reporting, auditing and management accounting. You will learn about financial accounting in its organisational, social and political contexts as well as study relevant law subjects (including taxation law and law of business organisations) so as to be eligible for associate membership of professional accounting bodies. Students seeking professional accreditation must consult with the Academic Advisor early in their studies. This is especially important for those doing double majors and double degrees.

### Subjects Required for Major Study

Subject Code	Subject Name	Credit Points
<a href="#">ACCY200</a>	Financial Accounting IIA	6
<a href="#">ACCY201</a>	Financial Accounting IIB	6
<a href="#">ACCY211</a>	Management Accounting II	6
<a href="#">ACCY231</a>	Information Systems in Accounting	6

<a href="#">FIN 222</a>	Corporate Finance	6
<a href="#">ACCY305</a>	Financial Accounting III	6
<a href="#">ACCY312</a>	Management Accounting III	6
<a href="#">ACCY342</a>	Auditing and Assurance Services	6

Please click the subject codes in the above table for information on sessions of offer for each subject at different locations. For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

Additional specified subjects (18 credit points) required for professional accreditation; [LAW 101](#), [LAW 302](#) and LAW 315. Students wishing to have a minor in Business Law will also be required to undertake an additional LAW subject selected from the Business Law major subject listing.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Professional Recognition

A Bachelor of Commerce (Accountancy) enables graduates to meet the educational requirements of a number of national and international professional registrations and memberships, depending on the subjects completed. For more information, visit [Professional Recognition](#).

## Other Information

For further information email: [business-enquiries@uow.edu.au](mailto:business-enquiries@uow.edu.au)

Last reviewed: 6 November, 2018

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Business Law | 2019

### Overview

Understanding the context, application and the impact of law on the structures and transaction of business is crucial to business innovation. By studying business law, you will learn the necessary skills and knowledge base to provide a legal perspective to business practice. You will study the fundamentals of business law and then choose from a wide range of electives. Business law encompasses many overlapping fields, ranging from specific regulatory frameworks to corporate governance. Fields you can focus on include international business law, banking and taxation law, employment and anti-discrimination law, and media law.

Business Law is not available for students undertaking a double degree with the Bachelor of Laws. Students considering transferring to the BCom-LLB should seek academic advice before enrolling in any subjects in this major. An ATAR of 75.00 is required for the Wollongong and Southern Sydney campuses; 72.00 for all other campuses. Applicants should contact the individual Education Centres for information regarding subject availability.

#### **Additional Information:**

First and second year subjects can also be completed at the following locations.

- UOW Batemans Bay - UAC 753604
- UOW Bega - UAC 753605
- Shoalhaven Campus - UAC 753603
- UOW Southern Highlands - UAC 753606

▫ UOW Southern Sydney - UAC 753607

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

### Subjects Required for Major Study

Subject Code	subject Name	Credit Points
<a href="#">LAW 101</a>	Introduction to Law	6
<a href="#">LAW 302</a>	Law of Business Organisations	6
<b>Plus 36 credit points selected from the following:</b>		
<a href="#">LAW 308</a>	Administrative Law	6
<a href="#">LAW 315</a>	Taxation Law	6
<a href="#">LAW 316</a>	Work Health and Safety Law	6
<a href="#">LAW 321</a>	Banking Law	6
<a href="#">LAW 323</a>	Consumer Protection and Product Liability Law	6
<a href="#">LAW 330</a>	Law of Employment	6
<a href="#">LAW 331</a>	Intellectual Property Law	6
<a href="#">LAW 332</a>	Labour Regulation	6
<a href="#">LAW 334</a>	Environmental Law	6
<a href="#">LAW 335</a>	Anti-Discrimination Law	6
<a href="#">LAW 343</a>	International Law	6
<a href="#">LAW 348</a>	Media Law	6
<a href="#">LAW 360</a>	Foreign Investment Law in China	6



Please click the subject codes in the above table for information on sessions of offer for each subject at different locations. For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Other Information

For further information email: [business-enquiries@uow.edu.au](mailto:business-enquiries@uow.edu.au)

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# 2019 Undergraduate Courses

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## Economics | 2019

### Overview

Economics provides an understanding of the operation of the economy at macro and micro levels. These include modern business, health care, the environment, the labour market, national economic policy and international monetary issues. You will learn general principles and tools which can be applied to a wide range of issues affecting the national and international economy. You will discuss the big issues including unemployment, the level of national debt, the existence of poverty and the problems confronting developing countries. You will study the three major components of Economics:

- **Macroeconomics**, which focuses on the way the whole economy functions, examining issues such as economic growth, unemployment and interest rates.
- **Microeconomics**, which focuses on the behaviour of individual components of the whole economy, such as consumers, companies, trade unions, employers' associations and the various levels of government.
- **Quantitative Methods**, which focuses on quantitative and mathematical techniques and their application to business economics.

MENU 

## Subjects Required for Major Study

Subject Code	subject Name	Credit Points

<a href="#">ECON205</a>	Macroeconomic Theory and Policy	6
<a href="#">ECON215</a>	Microeconomic Theory and Policy	6
<a href="#">ECON305</a>	Economic Policy	6
<b>Plus one subject from the following:</b>		
<a href="#">ECON222</a>	Mathematics for Business	6
<a href="#">ECON339</a>	Applied Financial Modelling	6
<b>Plus one subject from the following:</b>		
<a href="#">ECON316</a>	History of Economic Thought	6
<a href="#">ECON304</a>	The Historical Foundations of the Modern Australian Economy	6

Plus 18 credit points, 12 of which must be from 300-level Economics subjects and the other 6 from 200-level or 300-level Economics subjects.

**PLEASE NOTE:** Please click the subject codes in the above table for information on sessions of offer for each subject at different locations. For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Professional Recognition

A Bachelor of Commerce (Economics) enables graduates to meet the membership requirements of relevant professional associations. For more information visit [Professional Recognition](#)

## Other information

For further information email: [business-enquiries@uow.edu.au](mailto:business-enquiries@uow.edu.au)

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Finance | 2019

### Overview

Finance is about money and investments. People on their own and in partnerships, companies and other entities (including state and federal governments), have a common objective of profitable investment. What is a government-secured bond? What is a share? What are the reasons for investing in either...and when's the right time? These are some of the questions answered in the domain of finance.

You will study finance in depth, examining investment, financial markets, financial modeling and portfolio analysis. You will learn advanced statistical techniques for analysis and modeling, including the classical linear regression model, model diagnostics, univariate time series modelling and forecasting. You'll explore corporate finance, including financial strategies, security analysis and portfolio management. The course is both rigorous and practical, with an emphasis on applications and real world financial management. It will give you the theoretical knowledge and tools of business finance that are demanded by employers in all sections of the world economy.

### Subjects Required for Major Study

Subject Code	Subject Name	Credit Points
<a href="#">ACCY200</a>	Financial Accounting IIA	6

<a href="#">ECON339</a>	Applied Financial Modelling	6
<a href="#">FIN 222</a>	Corporate Finance	6
<a href="#">FIN 223</a>	Investment Analysis	6
<a href="#">FIN 226</a>	Financial Markets & Institutions	6
<a href="#">FIN 322</a>	Advanced Corporate Finance	6
<a href="#">FIN 323</a>	Portfolio Analysis	6
<b>Plus at least 6 credit points from the following:</b>		
<a href="#">FIN 320</a>	Risk and Insurance	6
<a href="#">FIN 324</a>	Financial Statement Analysis	6
<a href="#">FIN 325</a>	Bank Management	6
<a href="#">FIN 327</a>	Entrepreneurial Finance For Business	6
<a href="#">FIN 351</a>	International Finance	6
<a href="#">ECON331</a>	Financial Economics	6

**Note:** Students undertaking a double major with Financial Planning are required to substitute an additional 300-level FIN subject for [FIN 323](#) in their Financial Planning major.

Please click the subject codes in the above table for information on sessions of offer for each subject at different locations. For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Professional Recognition

A Bachelor of Commerce (Finance) enables graduates to meet the membership requirements of relevant professional associations. For more information, visit [Professional Recognition](#).

# Other Information

For further information email: [business-enquiries@uow.edu.au](mailto:business-enquiries@uow.edu.au)

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## Financial Planning | 2019

### Overview

Financial planners must have an understanding not only of finance but of accounting, management and marketing. Financial Planning is the design of specific financial outcomes that meet a client's unique needs and objectives, given their financial resources and risk profile. Its broad approach is to fulfil clients' total needs, incorporating investment planning, taxation and social services planning, retirement planning, risk planning and estate planning.

You will study a broad range of disciplines to give you the knowledge a financial planner needs. You will investigate securities and the market they operate in as well as theories of the market and the equilibrium prices of securities. You will learn how to assess investments, and the method for identifying the best financial product for a client, with particular attention to their risk profile. You will also learn the codes of conduct governing the financial planning industry and relevant regulatory frameworks.

▮ **STUDENTS** ▮

### Subjects Required for Major Study

Subject Code	Subject Name	Credit Points
<a href="#">ACCY228</a>	Taxation for Financial Planners	6
<a href="#">FIN 223</a>	Investment Analysis	6
<a href="#">FIN 252</a>	Personal Finance	6



<a href="#">FIN 320</a>	Risk and Insurance	6
<a href="#">FIN 323</a>	Portfolio Analysis	6
<a href="#">FIN 328</a>	Retirement and Estate Planning	6
<a href="#">FIN 329</a>	Advanced Financial Planning	6
<a href="#">LAW 101</a>	Introduction to Law	6

**Note:**

- Students undertaking a double major with Finance are required to substitute an additional 300-level FIN subject for [FIN 323](#) in their Finance major.
- Additional specified subjects required for professional accreditation; [LAW 302](#) Law of Business Organisations
- Please click the subject codes in the above table for information on sessions of offer for each subject at different locations. For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Professional Recognition

Graduates of the Bachelor of Commerce (Financial Planning) may meet the educational and membership requirements of relevant professional associations. For more information, visit [Professional Recognition](#).

## Other Information

For further information email: [business-enquiries@uow.edu.au](mailto:business-enquiries@uow.edu.au)

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## Human Resource Management | 2019

### Overview

People are an organisation's most valuable resource. The Human Resource Management (HRM) major focuses on the people side of organisations. It is relevant to students wishing to pursue a professional career in HRM, as well as to those students who see people management as a necessary part of their future skills portfolio.

Specific focus is placed on the facilitating, acquisition and development of staff, positively influencing their employment performance, and monitoring and managing the processes of staff retention and turnover. It also looks at the surrounding aspects of human resource management such as recruitment and selection, performance appraisal, job analysis and design, and training and development.

### Subjects Required for Major Study

Subject Code	Subject Name	Credit Points
<a href="#">MGNT201</a>	Organisational Behaviour	6
<a href="#">MGNT205</a>	Recruitment & Selection	6
<a href="#">MGNT206</a>	Managing Human Resources	6

<a href="#">MGNT207</a>	Employee Relations Management	6
<a href="#">MGNT311</a>	Management of Change	6
<a href="#">MGNT314</a>	Strategic Management	6
<a href="#">MGNT321</a>	Workplace Health and Safety Management	6
<a href="#">MGNT322</a>	Learning and Development in Organisations	6

**PLEASE NOTE:** Please click the subject codes in the above table for information on sessions of offer for each subject at different locations. For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Professional Recognition / Accreditation

The Bachelor of Commerce (Human Resource Management) enables graduates to meet the educational and membership requirements of relevant professional associations. For more information, visit [Professional Accreditation and Recognition](#).

## Other information

For further information email: [business-enquiries@uow.edu.au](mailto:business-enquiries@uow.edu.au)

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## International Business | 2019

### Overview

International Business gives you an awareness and understanding of business in other cultures and regions. It will prepare you to respond to the intricacies of international business such as: the impact of differing cultures and languages, the issues posed by differing markets, and the differing government regulations within this rapidly growing environment. You will gain an understanding of leadership, strategy, cultural diversity, communications and decision making as they relate to contemporary international business issues. Major topics include financial management, employment relations, industry and trade in South East Asia, international marketing and management, and business in Europe.

### Subjects Required for Major Study

Subject Code	Subject Name	Credit Points
<a href="#">ECON216</a>	International Economics	6
<a href="#">ECON251</a>	Industry and Trade in Asia	6
<a href="#">FIN 241</a>	International Financial Management	6
<a href="#">MGNT210</a>	Managing Across Cultures	6

<a href="#">MARK343</a>	International Marketing	6
<a href="#">MGNT341</a>	International and Comparative Human Resource Management	6
<a href="#">MGNT389</a>	International Business Management	6
<b>Plus one elective from the list below:</b>		
<a href="#">COMM391</a>	Professional Experience in Business	6
<a href="#">ECON306</a>	The Chinese Economy	6
<a href="#">MGNT314</a>	Strategic Management	6

**PLEASE NOTE:** Please click the subject codes in the above table for information on sessions of offer for each subject at different locations. For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Other information

For further information email: [business-enquiries@uow.edu.au](mailto:business-enquiries@uow.edu.au)

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## Management | 2019

### Overview

Management is the art and science of planning, coordinating and leading group efforts. It is the mobilising of human and material resources to achieve organisational goals.

You will study management from a range of perspectives, each aimed at expanding your management knowledge and future success in management roles. You'll learn how to strategically manage both physical and intangible assets for organisational success. You will do this by gaining a sound understanding of the framework of organisational structures, including the local and international environments in which they operate. Final year subjects will have you identifying and analysing quality management systems, strategically managing risk and developing international business strategies.

A Management major can be completed at the South Western Sydney (Liverpool) or Southern Sydney (Loftus) metro campus. The major is also available at any UOW's regional campuses located in Batemans Bay, Bega, Shoalhaven (Nowra) and Southern Highlands (Moss Vale). Applicants should contact the individual campuses for information regarding subject availability.

### Subjects Required for Major Study

Subject	Subject Name	Credit
---------	--------------	--------

Code		Points
MGNT201	Organisational Behaviour	6
MGNT206	Managing Human Resources	6
OPS 216	Operations Management	6
MGNT311	Management of Change	6
MGNT314	Strategic Management	6
MGNT351	Responsible Leadership	6
Plus 12 credit points from the following:		
MGNT209	Managing Knowledge in Organisations	6
MGNT210	Managing Across Cultures	6
MGNT215	Small Business Management	6
MGNT220	Organisational Analysis	6
MGNT332	Entrepreneurship	6
MGNT389	International Business Management	6
MARK344	Marketing Strategy*	6
OPS 350	Continuous Quality Improvement	6
OPS 370	Project Management	6
COMM391	Professional Experience in Business	6

**PLEASE NOTE:**

- \*Students can count [MARK344](#) Marketing Strategy in their Management major only if they also complete a major in Marketing.
- Please click the subject codes in the above table for information on sessions of offer for each subject at different locations. For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

# Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Professional Recognition / Accreditation

A Bachelor of Commerce (Management) enables graduates to meet the membership requirements of relevant professional associations, depending on the subjects completed. For more information, visit [Professional Accreditation and Recognition](#).

## Other information

For further information email: [business-enquiries@uow.edu.au](mailto:business-enquiries@uow.edu.au)

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## Marketing | 2019

### Overview

Marketing is about generating products and services to meet a defined customer need. It's also about establishing a competitive advantage by effective positioning in the market with reference to product, promotion, pricing and distribution strategies. In addition to commercial marketing, the industry has diversified into specialist marketing applications including social marketing and not-for-profit marketing. You will be immersed in marketing, from understanding consumer behaviour and measuring the effectiveness of communication channels to the product positioning and the effectiveness of market research. You'll learn about how to use creative advertising techniques, including graphic design software, to develop creative and effective marketing communications. You will also see how marketing can influence positive change in social behaviour.

A Marketing major can also be completed at the South Western Sydney (Liverpool) metro campus. Students can also complete a Marketing minor at the Southern Sydney (Loftus) metro campus or at any UOW's regional campuses located in Batemans Bay, Bega, Shoalhaven (Nowra) and Southern Highlands (Moss Vale). Applicants should contact the individual campuses for information regarding subject availability.

### Subjects Required for Major Study

Subject	Subject Name	Credit
---------	--------------	--------

Code		Points
MARK205	Introductory Marketing Research	6
MARK217	Consumer Behaviour	6
MARK233	Marketing & Digital Communications	6
MARK310	Marketing Effectiveness	6
MARK344	Marketing Strategy	6
Plus 18 credit points from the following subjects:		
COMM391	Professional Experience in Business	6
MARK250	Advertising Practice and Creative Strategies	6
MARK270	Services Marketing	6
MARK301	Digital Marketing	6
MARK320	Social Marketing	6
MARK333	Integrated Marketing Communications Strategy	6
MARK343	International Marketing	6
MARK356	Creating & Marketing New Products	6
MARK395	Tourism Marketing	6
MGNT314	Strategic Management**	6

**PLEASE NOTE:**

- \*\*Students can count [MGNT314](#) Strategic Management in their Marketing major only if they also complete a major in Management, Human Resource Management or Supply Chain Management.
- Please click the subject codes in the above table for information on sessions of offer for each subject at different locations. For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Professional Recognition/Accreditation

The Bachelor of Commerce (Marketing) enables graduates to meet the educational and membership requirements for relevant professional associations. For more information, visit [Professional Accreditation and Recognition](#).

## Other information

For further information email: [business-enquiries@uow.edu.au](mailto:business-enquiries@uow.edu.au)

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## Public Relations | 2019

### Overview

If you're interested in people and love to write, have good analytical skills and are able to work under pressure, a career in public relations (PR) may be right for you. It covers a variety of subjects including business communication, PR concepts, PR strategies, corporate identity and branding, marketing communications and advertising and PR campaigns. You will learn how to communicate effectively with internal and external stakeholders using a range of media, including blog posts and social media, develop effective media relations and campaign plans, and write reports, speeches, video and presentation scripts, and strategic organisational responses.

UOW's PR major draws upon communication theory and teaches you how to evaluate the cultural and organisational contexts, key trends and ethical issues influencing contemporary PR, and to critically evaluate the role of PR in society and organisations.

| **STUDENTS** □

### Subjects Required for Major Study

Subject Code	Subject Name	Credit Points
<a href="#">MGNT102</a>	Business Communications*	6
<a href="#">MARK220</a>	Public Relations Writing	6

<a href="#">MARK221</a>	Public Relations Concepts	6
<a href="#">MARK250</a>	Advertising Practice and Creative Strategies	6
<a href="#">MARK301</a>	Digital Marketing	6
<a href="#">MARK321</a>	Creative Public Relations Campaigns	6
<a href="#">MARK322</a>	Corporate Identity and Branding	6
<a href="#">MARK333</a>	Integrated Marketing Communications Strategy	6

\* Note: Students selecting the major in Public Relations(PR) must undertake MGNT102. [MGNT102](#) is a required subject for the PR major.

To ensure you have completed the 144 credit points required for your degree you will need to select ONE more 6 credit point Faculty of Business elective subject.

For students planning to complete a double major OR a double degree please consult an academic advisor.

Please click the subject codes in the above table for information on sessions of offer for each subject at different locations. For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Professional Recognition / Accreditation

The Bachelor of Commerce (Public Relations) enables graduates to meet the membership requirements of relevant professional associations. For more information, visit [Professional Accreditation and Recognition](#).

## Other information

Further information email: [business-enquiries@uow.edu.au](mailto:business-enquiries@uow.edu.au)

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## Supply Chain Management | 2019

### Overview

Supply chain management is concerned with the entire life cycle of a product or service, from before it's made, to how it is disposed of, and how it moves between every stage. As well as goods and services, supply chain managers analyse and manage information from the suppliers, through intermediaries, to the customer—and their customers, if your client is a business.

It includes managing technical processes: both within the firm between functions such as procurement, manufacturing and marketing; and between organisations such as manufacturers, distributors, wholesalers and retailers. You will gain an overall understanding of supply chain structures and develop an understanding of procurement and inventory management models, the role of enabling technologies within the supply chain, and performance measurements techniques.

During this major you will learn the principles and tools associated with 'quality management' and the relationships between e-commerce and supply chains. You'll gain an understanding of total supply chain management and have the opportunity to specialise in a number of areas such as logistics, operations, systems thinking, quality and supply chain strategies.

### Subjects Required for Major Study



Subject Code	Subject Name	Credit Points
<a href="#">OPS 216</a>	Operations Management	6
<a href="#">OPS 256</a>	Systems Thinking and Simulation	6
<a href="#">OPS 257</a>	Principles of Supply Chain Management	6
<a href="#">MGNT314</a>	Strategic Management	6
<a href="#">OPS 309</a>	Supply Chain Strategies	6
<a href="#">OPS 328</a>	Logistics Management	6
<a href="#">OPS 350</a>	Continuous Quality Improvement	6
Plus 6 credit points from the following:		
<a href="#">OPS 200</a>	Management and Electronic Business	6
<a href="#">MGNT215</a>	Small Business Management	6

**PLEASE NOTE:** Please click the subject codes in the above table for information on sessions of offer for each subject at different locations. For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Professional Recognition/ Accreditation

The Bachelor of Commerce (Supply Chain Management) enables graduates to meet the membership requirements of relevant professional associations. For more information, visit [Professional Accreditation and Recognition](#).

## Other information

Further information email: [business-enquiries@uow.edu.au](mailto:business-enquiries@uow.edu.au)

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# 2019 Undergraduate Courses

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Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Digital and Social Media Major | 2019

In the Digital and Social Media major, you will learn skills in digital media production, content development, social media curation and project design through ideas and practice. These real-world practical skills are backed up with high-level critical and creative analysis of emergent media phenomena.

Students will graduate as digital change-makers, with future-facing career options in social media management, digital content analysis, online campaign design, digital innovation and creative entrepreneurship.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [UOW Course Finder](#).

## Subjects Required for Major Study

Students studying the Digital and Social Media major will complete at least 48 credit points as outlined below:

Subject Code	Subject Name	Credit Points
<b>Year 1</b>		
<a href="#">BCM 112</a>	Emergent Media	6

<b>Year 2</b>		
<a href="#">BCM 206</a>	Future Networks	6
<a href="#">BCM 214</a>	Digital and Social Innovation	6
<a href="#">BCM 215</a>	Game Media	6
<b>Year 3</b>		
<a href="#">BCM 300</a>	Game Making	6
<a href="#">BCM 302</a>	Advanced Digital Media Project (Capstone)	6
<a href="#">BCM 303</a>	Collaborative Production Workshop	6
<a href="#">BCM 325</a>	Future cultures	6

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Minor Study

A 24 credit point minor in Digital and Social Media is available. Information can be found on the [2019 LHA General Schedule of Minors](#) page.

Students cannot complete both a major and a minor in Digital Social Media.

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

The [Faculty of Law, Humanities and the Arts internship program](#) provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Students' are also encouraged to consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional

network.

## Honours

See [Bachelor of Communication and Media \(Honours\)](#).

## Other Information

For further information email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 22 July, 2020

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Global Screen Media Major | 2019

The Global Screen Media major explores how digital screen media is changing in a global context.

You will learn how to produce innovative content for both niche and mainstream audiences and learn how screen and entertainment media are financed, produced and distributed around the world. You will develop expertise in analysing the language of visual media, while you explore the movies, TV shows and newer media forms that are emerging with specific audiences in mind.

At the same time, you will learn a suite of practical skills in screen production and transmedia storytelling that will enable you to express your own ideas creatively and with social impact.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [UOW Course Finder](#).

## Subjects Required for Major Study

Students studying the Global Screen Media major will complete at least 48 credit points as outlined below:

Subject Code	Subject Name	Credit Points
--------------	--------------	---------------

<b>Year 1</b>		
<a href="#">BCM 115</a>	Introduction to Screen Media	6
<b>Year 2</b>		
<a href="#">BCM 216</a>	Transmedia Storytelling	6
<a href="#">BCM 217</a>	Documentary	6
<a href="#">BCM 289</a>	Transnational Media and Culture Industries	6
<b>Year 3</b>		
<a href="#">BCM 303</a>	Collaborative Production Workshop	6
<a href="#">BCM 322</a>	Global Media Interventions	6
<a href="#">BCM 304</a>	Global Screen Project (Capstone)	6
<b>Plus a minimum of ONE of the following:</b>		
<a href="#">BCM 320</a>	Digital Asia	6
<a href="#">BCM 331</a>	Australian Content, Global Context	6
<a href="#">BCM 333</a>	Hollywood and Beyond: Film festival and genre in global context	6

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Minor Study

A 24 credit point minor in Global Screen Media is available. Information can be found on the [2019 LHA General Schedule of Minors](#) page.

Students cannot study both a major and a minor in Global Screen Media.

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

The [Faculty of Law, Humanities and the Arts internship program](#) provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Students' are also encouraged to consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Honours

See [Bachelor of Communication and Media \(Honours\)](#).

## Other Information

For further information email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Journalism Major | 2019

The Journalism major will develop your skills in reporting and storytelling, with a focus on multimedia content creation and multi-platform publication.

Alongside these practical skills, you will learn about the changing media landscape and the impact of journalism on effective communication across communities locally and worldwide.

You will learn from experienced journalists about the exciting new opportunities for multimedia content creators who have a strong understanding of media platforms, who are skilled in managing deadlines within the news cycle and who are passionate about journalism in all its forms.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [UOW Course Finder](#).

| UOW GLOBAL

## Subjects Required for Major Study

Students studying the Journalism major will complete at least 48 credit points as outlined below:

Subject Code	Subject Name	Credit Points
--------------	--------------	---------------



<b>Year 1</b>		
<a href="#">JRNL101</a>	Media Reporting and Storytelling 1	6
<a href="#">JRNL102</a>	Multimedia Reporting and Production	6
<b>Year 2</b>		
<a href="#">JRNL203</a>	Audio Journalism Production 1	6
<a href="#">JRNL204</a>	Video Journalism Production 1	6
<b>Year 3</b>		
<a href="#">BCM 303</a>	Collaborative Production Workshop	6
<a href="#">JRNL301</a>	Data Journalism Research and Investigation	6
<a href="#">JRNL307</a>	Feature Storytelling	6
<a href="#">JRNL315</a>	Journalism Project (Capstone)	6

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Minor Study

A 24 credit point minor in Journalism is available. Information can be found on the [2019 LHA General Schedule of Minors](#) page.

Students cannot complete both a major and a minor in Journalism.

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

The [Faculty of Law, Humanities and the Arts internship program](#) provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Students' are also encouraged to consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will

focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Honours

See [Bachelor of Communication and Media \(Honours\)](#).

## Other Information

For further information email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Marketing Communication and Advertising Major | 2019

The fields of marketing, communications and advertising deliver coordinated messages about products and services through many channels such as television, radio, social media, and experiential activities. They impact on a range of audiences, helping people make informed choices and influencing how they think, feel and consume products.

### Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [UOW Course Finder](#).

### Subjects Required for Major Study

Students studying the Marketing Communication and Advertising major will complete at least 48 credit points as outlined below:

Subject Code	Subject Name	Credit Points
<b>Year 1</b>		
<a href="#">MGNT102</a>	Business Communications	6
<a href="#">MARK101</a>	Marketing Principles	6

<b>Year 2</b>		
<a href="#">MARK221</a>	Public Relations Concepts	6
<a href="#">MARK250</a>	Advertising Practice and Creative Strategies	6
<b>Year 3</b>		
<a href="#">BCM 303</a>	Collaborative Production Workshop	6
<a href="#">MARK301</a>	Digital Marketing	6
<a href="#">MARK322</a>	Corporate Identity and Branding	6
<a href="#">MARK333</a>	Integrated Marketing Communications Strategy (Capstone)	6

## Minor Study

A 24 credit point minor in Marketing Communication and Advertising is available. Information can be found on the [2019 LHA General Schedule of Minors](#) page.

Students cannot complete both a major and a minor in Marketing Communication and Advertising.

## Marketing Communication and Advertising Major & Public Relations Minor

Students who wish to take a major in Marketing Communication and Advertising with a minor in Public Relations will undertake the following pattern of study.

Subject Code	Subject Name	Credit Points
<b>Year 1</b>		
<a href="#">MARK101</a>	Marketing Principles	6
<a href="#">MGNT102</a>	Business Communications	6
<b>Year 2</b>		
<a href="#">MARK220</a>	Public Relations Writing	6

<a href="#">MARK221</a>	Public Relations Concepts	6
<a href="#">MARK250</a>	Advertising Practice and Creative Strategies	6
<b>Year 3</b>		
<a href="#">MARK301</a>	Digital Marketing	6
<a href="#">MARK321</a>	Creative Public Relations Campaigns	6
<a href="#">MARK322</a>	Corporate Identity and Branding	6
<a href="#">MARK333</a>	Integrated Marketing Communications Strategy (Capstone)	6
<a href="#">BCM 303</a>	Collaborative Production Workshop	6
<b>Plus a minimum of TWO from the following:</b>		
<a href="#">MARK320</a>	Social Marketing	6
<a href="#">MARK343</a>	International Marketing	6
<a href="#">MARK395</a>	Tourism Marketing	6

Click on subject codes in the above course structures for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

The [Faculty of Law, Humanities and the Arts internship program](#) provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Students' are also encouraged to consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work,

develop your communication skills and begin to build a professional network.

## Honours

See [Bachelor of Communication and Media \(Honours\)](#).

## Other Information

For further information email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Visual Communication Design Major | 2019

The Visual Communication Design major allows you to develop skills in graphic design for both traditional and new media.

You will learn graphic design principles and practices, while working on client-driven design projects for print, online, mobile and emerging platforms.

You will graduate with flexible visual design skills, ready for new career opportunities that focus on communicating messages visually across a broad spectrum of contexts and media.

### Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [UOW Course Finder](#).

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### Subjects Required for Major Study

Students studying the Visual Communication Design major will complete at least 48 credit points as outlined below:

Subject Code	Subject Name	Credit Points
--------------	--------------	---------------

<b>Year 1</b>		
<a href="#">VCD 101</a>	Introduction to Visual Communication Design	6
<a href="#">VCD 102</a>	Interaction Design Fundamentals	6
<b>Year 2</b>		
<a href="#">VCD 201</a>	Typography	6
<a href="#">VCD 203</a>	Social Impact Design	6
<b>Year 3</b>		
<a href="#">BCM 303</a>	Collaborative Production Workshop	6
<a href="#">VCD 301</a>	Professional Design Practice	6
<a href="#">VCD 302</a>	Motion Design	6
<a href="#">VCD 390</a>	Advanced Design Project (Capstone)	6

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

***NOTE: Students in the Bachelor of Creative Arts-Bachelor of Communication and Media double degree (course code 1795) cannot take the 'Visual Arts and Design' major with the 'Visual Communication Design' major.***

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

The [Faculty of Law, Humanities and the Arts internship program](#) provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Students' are also encouraged to consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will



focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Honours

See [Bachelor of Communication and Media \(Honours\)](#).

## Other Information

For further information email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 18 June, 2020

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# 2019 Undergraduate Courses

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Computer Science | 2019

Testamur Title of Degree:	Bachelor of Computer Science
Abbreviation:	BCompSc
UOW Course Code:	766
CRICOS Code:	012088K
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Engineering & Information Sciences
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 754100

## Overview

The Bachelor of Computer Science focuses on the development of high-level programming skills that can be applied across a wide range of applications, including analysis of stock market trends, games design, neural network design, automatic teller machines and patient monitoring in hospitals.

The core subjects teach you to understand the structure of data and the role it plays in delivering solutions to complex problems. The degree includes core of programming subjects as well as electives in languages, artificial intelligence, computer security, computer graphics, operating systems, real-time software and software engineering.

The Bachelor of Computer Science is accredited by the Australian Computer Society as meeting the requirements for membership at a “Professional Level”.

Completion of a major is not compulsory but is highly encouraged. Majors include:

## Big Data

Big Data can solve problems in science, society and business including population growth, transport, security, medical technology, trade and commerce. All sectors will have a demand for creative people with a background in quantitative analysis who can look for strategic insights in massive data sets, using techniques in data mining, data visualisation, data analysis, data manipulation and data discovery.

## Cyber Security

Cyber security is about how we develop secure computers and computer networks, to ensure that the data stored and transmitted through them is protected from unauthorised access or to combat digital security threats and hazards. As we conduct more of our social, consumer and business activities online, there is a corresponding increase in the demand for ICT professionals to manage our digital environment and economy. Cyber security has been identified as one of the strategic priorities in Australia to meet the demands of law enforcement, national and state governments, defence, security and finance industries. Jobs of the future will be in all of these areas ensuring there is national capability to maintain and build our essential services and stop them from being disrupted, destroyed, or threatened, and that our personal information is not communicated, shared, visualised or analysed without our permission.

## Digital Systems Security

Information Security is becoming an increasingly important aspect of information technology. Industry has shown their interest in having secure systems and employees with skills in information security.

## Game & Mobile Development

The Game and Mobile Development major has been designed to meet the current global demand for skilled graduates in the areas of game and multimedia system development. This major will equip you with skills to apply techniques to the development of video games and related systems on computers and mobile platforms, including devices such as mobile phones, tablets and wearable devices. You will be able to identify approaches to solving real-world problems in video games and multimedia systems. In addition, you will develop both traditional computer science skills as well as creative skills including visualisation, interaction and communication skills. Experts in this field work in the entertainment industry, the game and mobile industry in Australia and worldwide as mobile application developers, game programmers, animators, game engine developers, mobile entertainment and multimedia designers.

## Software Engineering

This major addresses the software engineering process using an Object Oriented approach. Students work in a group that mimics the working environment of the software development industry.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Demonstrate an understanding of core knowledge of computer fundamentals and the ability to apply theoretical basis of computer science to solve a range of practical problems.
2	Design and develop innovative software solutions for a variety of applications.
3	Design, develop, and employ novel approaches and algorithms in solving practical problems.
4	Deploy appropriate theory, practices, and tools for the specification, design, implementation, and maintenance as well as the evaluation of computer-based systems.
5	Function effectively as part of a team to accomplish a set of common goals and objectives and communicate with project stake holders.

6	Adopt a professional and ethical approach to decision making and related social responsibilities.
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## Course Structure

Students who enrol in the Bachelor of Computer Science shall accrue an aggregate of at least 144 credit points by satisfactory completion of:

1. The following core subjects:

Subject Code	Subject Name	Credit Points	Session(s)
CSIT111	Programming Fundamentals	6	Autumn, Spring
CSIT113	Problem Solving	6	Autumn
CSIT114	System Analysis	6	Autumn
CSIT115	Data Management and Security	6	Autumn, Spring
CSIT121	Object Oriented Design and Programming	6	Autumn, Spring
CSIT127	Networks and Communications	6	Spring
CSIT128	Introduction to Web Technology	6	Spring
CSCI235	Database Systems	6	Autumn, Spring
CSCI251	Advanced Programming	6	Autumn, Spring
CSIT214	IT Project Management	6	Autumn, Spring
MATH221	Mathematics for Computer Science	6	Autumn
CSCI203	Algorithms and Data Structures	6	Spring
CSIT226	Human Computer Interaction	6	Spring

<a href="#">CSIT314</a>	Software Development Methodologies	6	Autumn
<a href="#">CSIT321</a>	Project	12	Annual, Spring 2019/Autumn 2020

2. To be awarded with a major, a candidate must satisfactorily complete four (4) subjects (24cp) listed for that major.

3. Students not completing a major must complete 12 credit points of 300 level CSCI or ISIT subjects, AND an additional 12 credit points of either 200 or 300 level CSCI, CSIT or ISIT subject not listed in the core.

4. To be awarded a double major, candidates must ensure that four of the subjects selected satisfy the requirements of each of the majors. General Course Rules allow a maximum of one subject to be counted toward more than one major study.

5. Elective subjects, to bring the total to 144 credit points chosen from the School of Computing and Information Technology [Subject List](#) that is any CSIT, CSCI or ISIT subjects, or from the [General Schedule](#). Note: A maximum of 60 credit points of first year subjects.

The Faculty encourages the development of ICT skills and knowledge in the workplace through industry placement. Completion of [ISIT200](#) Industry Placement, which is a minimum of a single 8-week period of approved industry placement, assessed in the form of written reports, is highly recommended to all students.

## Major Study

Students enrolled in this degree may major in:

- [Big Data](#)
- [Cyber Security](#)
- [Digital Systems Security](#)
- [Game and Mobile Development](#)
- [Software Engineering](#)

Note that certain 300 level subjects required as part of a major may have 100 and 200 level prerequisite subjects which are not listed as part of the major.

All candidates are expected to consult with the School and Faculty advisers before committing to any particular pattern of study, whether outlined above or not.

## Professional Recognition/Accreditation

The Bachelor of Computer Science is accredited by the [Australian Computer Society](#) as meeting the requirements for membership at a “Professional Level”.

## Other Information

For further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or [Academic Program Director](#)

Last reviewed: 28 March, 2019

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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Science (Honours) | 2019

Testamur Title of Degree:	Bachelor of Science (Honours)
Abbreviation:	BSc(Hons)
UOW Course Code:	741
CRICOS Code:	003126F
Total Credit Points:	48
Duration:	1 year full-time or part-time equivalent
Home Faculty:	Faculty of Science, Medicine and Health
Intake Session(s):	Annual or Spring/Autumn
Delivery Mode:	On-campus
Delivery Campus:	Wollongong

## Overview

Students who have fulfilled the requirements of a Bachelor of Science with a



major in a discipline offered by the Faculty of Science, Medicine and Health, the Bachelor of Exercise Science or the Bachelor of Nutrition Science or an equivalent qualification from another University and achieved the required academic standard may undertake an Honours degree - a year of research training in the discipline.

The Honours degree provides students with the opportunity to undertake research on a topic of interest. This degree 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 findings; and put relevant principles into practice.

It represents a gateway to future research opportunities, both in the form of higher research degrees and as a career in research, or other vocations that require advanced analytical and research skills.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Communicate detailed and advanced knowledge and ideas in a specific discipline area(s) of science clearly and coherently to others.
2	Integrate and apply knowledge and skills associated with a specific discipline area of science to plan and execute a substantial research project.
3	Integrate and apply knowledge and skills associated with research principles and methods to plan and execute a substantial research project.
4	Produce a piece of scholarly/research activity in the form of a thesis.

## Course Structure

To qualify for award of the degree, the Bachelor of Science (Honours), a candidate must successfully complete at least 48 credit points, comprised of a research thesis within their major study discipline, together with any required coursework.

The Bachelor of Science (Honours) degrees can be taken in the following disciplines:

- Biological Sciences
- Chemistry
- Exercise Science
- Geology
- Marine Science
- Nutrition
- Physical Geography and Environmental Geosciences

The Honours grade will be calculated in accordance with Method 1 defined in the [General Course Rules Section 8](#).

Students enrol in the appropriate 400-level Honours subject for the particular discipline, as set out below. Part-time options are available in some disciplines but must be arranged with the Head of School for the particular discipline. Students enrolling in the part-time option will need to successfully complete 48 credit points of the equivalent part-time subjects.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Biological Sciences</b>			
Select either the full-time (48cp) or 48cp of the equivalent part-time subject (2 x 24cp) option below.			
<a href="#">BIOL401</a>	Biology Honours	48	SMAH Annual, SMAH Annual 2019/2020
<a href="#">BIOL407</a>	Biology Honours (Part-Time)	24	SMAH Annual, SMAH Annual 2019/2020
<b>Chemistry</b>			
Select either the full-time (48cp) or 48cp of the equivalent part-time subject (2 x 24cp) option below.			
<a href="#">CHEM401</a>	Chemistry Honours	48	SMAH Annual,

			SMAH Annual 2019/2020
CHEM407	Chemistry Honours (Part-Time)	24	SMAH Annual, SMAH Annual 2019/2020
<b>Geology or Physical Geography and Environmental Geosciences</b>			
Select either the full-time (48cp) or 48cp of the equivalent part-time subject (2 x 24cp) option below.			
EESC401	Earth and Environmental Sciences Honours Full-time	48	SMAH Annual, SMAH Annual 2019/2020
EESC407	Earth and Environmental Sciences Honours (Part-Time)	24	SMAH Annual, SMAH Annual 2019/2020
<b>Marine Science</b>			
Select either the full-time (48cp) or 48cp of the equivalent part-time subject (2 x 24cp) option below.			
MARE401	Marine Science Honours	48	SMAH Annual, SMAH Annual 2019/2020
MARE407	Marine Science Honours (Part-Time)	24	SMAH Annual, SMAH Annual 2019/2020
<b>Exercise Science or Nutrition Science</b>			
MEDI400	Honours	48	SMAH Annual, SMAH Annual 2019/2020
<b>The Honours class for these disciplines will be calculated in accordance with Method 1.</b>			

## Other Information

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

Last reviewed: 26 October, 2018

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Computer Science | 2019

Testamur Title of Degree:	Bachelor of Computer Science
Abbreviation:	BCompSc
UOW Course Code:	SW766
CRICOS Code:	012088K
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Engineering & Information Sciences
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	South Western Sydney - 754120

## Overview

The Bachelor of Computer Science focuses on the development of high-level programming skills that can be applied across a wide range of applications, including analysis of stock market trends, games design, neural network design, automatic teller machines and patient monitoring in hospitals. The core subjects teach you to understand the structure of data and the role it plays in delivering solutions to complex problems. The degree includes core of programming subjects as well as IT project management, human computer interaction, database systems and a final year project.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Demonstrate an understanding of core knowledge of computer fundamentals and the ability to apply theoretical basis of computer science to solve a range of practical problems.
2	Design and develop innovative software solutions for a variety of applications.
3	Design, develop, and employ novel approaches and algorithms in solving practical problems.
4	Deploy appropriate theory, practices, and tools for the specification, design, implementation, and maintenance as well as the evaluation of computer-based systems.
5	Function effectively as part of a team to accomplish a set of common goals and objectives and communicate with project stake holders.
6	Adopt a professional and ethical approach to decision making and related social responsibilities.

## Course Structure

Students who enrol in the Bachelor of Computer Science shall accrue an aggregate of at least 144 credit points by satisfactory completion of:

1. The following core subjects:



Subject Code	Subject Name	Credit Points	Session(s)
CSIT111	Programming Fundamentals	6	Autumn, Spring
CSIT113	Problem Solving	6	Autumn
CSIT114	System Analysis	6	Autumn
CSIT115	Data Management and Security	6	Autumn
CSIT21	Object Oriented Design and Programming	6	Spring
CSIT27	Networks and Communications	6	Spring
CSIT28	Introduction to Web Technology	6	Spring
CSCI251	Advanced Programming	6	Autumn, Spring
CSIT214	IT Project Management	6	Autumn
MATH221	Mathematics for Computer Science	6	Autumn
CSCI203	Algorithms and Data Structures	6	Spring
CSCI235	Database Systems	6	Spring
CSIT226	Human Computer Interaction	6	Spring
CSIT314	Software Development Methodologies	6	Autumn
CSIT321	Project	12	Annual

2. Plus 12 credit points of 300-level CSCI or ISIT subjects, (not listed above), AND an additional 12 credit points of either 200 or 300 level CSCI, CSIT or ISIT subjects not listed in the core.



Subject Code	Subject Name	Credit Points	Session(s)
ISIT212	Corporate Network Planning and Design	6	Autumn
ISIT219	Knowledge and Information Engineering	6	Autumn
ISIT306	Strategic eBusiness Solutions	6	Autumn
ISIT307	Backend Web Programming	6	Autumn
CSCI262	System Security	6	Spring
CSIT212	Introduction to Computer Systems	6	Spring
ISIT204	Principles of eBusiness	6	Spring
ISIT207	Frontend Web Programming	6	Spring
ISIT224	Management Information Systems	6	Spring
CSCI318	Software Engineering Practices & Principles	6	Spring
CSCI356	Game Engine Essentials	6	Spring
CSIT302	Cybersecurity	6	Spring

3. Elective subjects, to bring the total to 144 credit points, chosen from the School of Computing and Information Technology [Subject List](#), and/or the [General Schedule](#). Note: No more than 60 credits points are to be completed at the 100-level.

The Faculty encourages the development of ICT skills and knowledge in the workplace through industry placement. Completion of [ISIT200](#) Industry Placement, which is a minimum of a single 8-week period of approved industry placement, assessed in the form of written reports is highly recommended to all students.

All candidates are expected to consult with the School and Faculty advisers before committing themselves to any particular pattern of study, whether outlined above or not.



## Electives on offer at South West Sydney

Please see a list below of possible options (please note that this is not a complete list but just a guide for students):

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">CSIT110</a>	Fundamental Programming with Python	6	Autumn
<a href="#">ISIT212</a>	Corporate Network Planning and Design	6	Autumn
<a href="#">ISIT306</a>	Strategic eBusiness Solutions	6	Autumn
<a href="#">ISIT307</a>	Backend Web Programming	6	Autumn
<a href="#">MGNT110</a>	Introduction to Management	6	Autumn
<a href="#">BCM 111</a>	Global Media and Culture	6	Spring
<a href="#">COMM101</a>	Principles of Responsible Business	6	Spring
<a href="#">COMM121</a>	Statistics for Business	6	Spring
<a href="#">ELL 182</a>	Effective Academic Writing	6	Spring
<a href="#">FIN 111</a>	Introductory Principles of Finance	6	Spring
<a href="#">HIST111</a>	The Modern World	6	Spring
<a href="#">INTS121</a>	Global Politics and Power	6	Spring
<a href="#">MGNT102</a>	Business Communications	6	Spring
<a href="#">CSCI262</a>	System Security	6	Spring
<a href="#">CSIT212</a>	Introduction to Computer Systems	6	Spring
<a href="#">ISIT204</a>	Principles of eBusiness	6	Spring
<a href="#">ISIT207</a>	Frontend Web Programming	6	Spring
<a href="#">ISIT224</a>	Management Information	6	Spring

	Systems		
<a href="#">CSCI318</a>	Software Engineering Practices & Principles	6	Spring
<a href="#">CSCI356</a>	Game Engine Essentials	6	Spring
<a href="#">CSIT302</a>	Cybersecurity	6	Spring

## Professional Recognition/Accreditation

The Bachelor of Computer Science is accredited by the [Australian Computer Society](#) as meeting the requirements for membership at a “Professional Level”.

## Other Information

For further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or [Academic Program Director](#)

Last reviewed: 21 October, 2019

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Big Data Major | 2019

### Subjects Required for Major Study

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">CSCI317</a>	Database Performance Tuning	6	Autumn
<a href="#">INFO411</a>	Data Mining and Knowledge Discovery	6	Autumn
<a href="#">CSCI316</a>	Big Data Mining Techniques and Implementation	6	Spring
<a href="#">ISIT312</a>	Big Data Management	6	Spring

### Double Majors

A major in Big Data can be combined with [Cyber Security](#), [Digital Systems Security](#), [Game and Mobile Development](#) or [Software Engineering](#).

### Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as

eligibility for credit for prior learning, is available from the [Course Finder](#).

## Other Information

For further information is email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or [Academic Program Director](#)

Last reviewed: 11 October, 2018

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# 2019 Undergraduate Courses

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## Cyber Security Major | 2019

### Subjects Required for Major Study

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">CSCI301</a>	Contemporary Topics in Security	6	Autumn
<a href="#">CSCI262</a>	System Security	6	Spring
<a href="#">CSCI369</a>	Ethical Hacking	6	Spring
<a href="#">CSIT302</a>	Cybersecurity	6	Spring

### Double Majors

A major in Cyber Security can be combined with [Big Data](#), [Digital Systems Security](#), [Game and Mobile Development](#) or [Software Engineering](#).

### Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Other Information

For further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or [Academic Program Director](#)

Last reviewed: 10 October, 2018

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# 2019 Undergraduate Courses

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## Digital Systems Security Major | 2019

### Subjects Required for Major Study

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">CSCI361</a>	Cryptography and Secure Applications	6	Autumn
<a href="#">CSCI262</a>	System Security	6	Spring
<a href="#">CSCI368</a>	Network Security	6	Spring
<a href="#">CSCI376</a>	Multicore and GPU Programming	6	Spring

### Double Majors

A major in Digital Systems Security can be combined with [Cyber Security](#), [Game and Mobile Development](#), [Software Engineering](#) or [Big Data](#).

### Entry Requirements & Credit Arrangements



Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Other Information

For further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or [Academic Program Director](#)

Last reviewed: 10 October, 2018

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Game and Mobile Development Major | 2019

### Major Structure

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">CSCI236</a>	3D Modelling and Animation*	6	Spring 2019/Summer 2019
<b>Complete 3 subjects from the list below (18 cp)</b>			
<a href="#">CSCI336</a>	Interactive Computer Graphics	6	Autumn
<a href="#">CSCI366</a>	Mobile Multimedia	6	Autumn
<a href="#">CSCI356</a>	Game Engine Essentials	6	Spring
<a href="#">CSCI376</a>	Multicore and GPU Programming	6	Spring

\*Please note that this subject runs over both Spring and Summer sessions. Results will not be declared until the end of Summer session.

Students are strongly encouraged to choose some electives from the School of the Arts, English and Media - please consult with staff in the Faculty of Law, Humanities & the Arts regarding appropriate subjects.

## Double Majors

A major in Game and Mobile Development can be combined with [Cyber Security](#), [Big Data](#), [Software Engineering](#) or [Digital Systems Security](#).

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Other Information

For further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au)

Last reviewed: 11 October, 2018

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# 2019 Undergraduate Courses

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Software Engineering Major | 2019

### Subjects Required for Major Study

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">CSCI334</a>	Software Design	6	Autumn
<a href="#">ISIT219</a>	Knowledge and Information Engineering	6	Autumn
<a href="#">CSCI318</a>	Software Engineering Practices & Principles	6	Spring
<a href="#">ISIT315</a>	Semantic Web	6	Spring

### Double Majors

A major in Software Engineering can be combined with [Cyber Security](#), [Game and Mobile Development](#), [Big Data](#) or [Digital Systems Security](#).

### Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as

eligibility for credit for prior learning, is available from the [Course Finder](#).

## Other Information

For further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or [Academic Program Director](#)

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Creative Writing Major for Bachelor of Creative Arts| 2019

**UAC Code: 754601**

A Bachelor of Creative Arts at UOW encourages you to immerse yourself creatively, critically and practically. The Creative Industries is one of the fastest-growing, most dynamic sectors in the world.

In the digital age, writing is becoming more and more central to the way we communicate with each other. The Bachelor of Creative Arts (Creative Writing) teaches skills and strategies so your writing is strong and clear. It helps you express ideas in imaginative ways that will impact your readers. Creative writers work in a range of areas: poetry, editing, writing for multimedia, commercial and content writing, commercial theatre and performance, short stories and novels, or even in ways that combine or challenge these forms. Creative writers might write to entertain or to educate – but they're always drawing on the human condition, exploring what it means to be human.

This course is designed to teach you to think about your story, image and scene. Creative writers draft and re-draft so their work is at its best, and this process is exciting.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

# Subjects Required for Major Study

Students studying the Creative Writing Major within the Bachelor of Creative Arts will complete at least 72 credit points as outlined below:

Subject Code	Subject Name	Credit Points
<b>Year 1</b>		
<a href="#">CACW101</a>	Writing Foundation: Prose Fiction and Non-fiction	6
<a href="#">CACW102</a>	Writing Foundation: Poetic and Dramatic	6
<a href="#">CACW103</a>	Editing Foundation	6
<a href="#">CACW104</a>	Text and Context	6
<b>Year 2</b>		
<a href="#">CACW201</a>	Poetic Studio	6
<a href="#">CACW202</a>	Dramatic Studio	6
<a href="#">CACW203</a>	Narrative Studio	6
<a href="#">CACW231</a>	Writing, Representation and Power	6
<a href="#">CACW232</a>	Writing and Critical Theory	6
<b>Year 3</b>		
<a href="#">CACW301</a>	Writing Across Borders	6
<a href="#">CACW390</a>	Creative Writing Major Project (Capstone)	12

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Minor Study

A 24 credit point minor in Creative Writing is available. Information regarding minors, including which subjects to take to complete a minor, are available on the [2019 LHA General Schedule of Minors](#) page.



Note that students cannot complete both a Major and a Minor in Creative Writing.

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

The [Faculty of Law, Humanities and the Arts internship program](#) provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Students' are also encouraged to consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Honours

See [Bachelor of Creative Arts \(Honours\)](#).

## Other Information

Further information is available via email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 18 June, 2020

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Music Major | 2019

**UAC Code: 754603**

A Bachelor of Creative Arts at UOW encourages you to immerse yourself creatively, critically and practically. The Creative Industries is one of the fastest-growing, most dynamic sectors in the world.

The study of music integrates physical, intellectual and emotional aspects, including instrumental or vocal performance, composition, music production and recording, history and theory. This degree offers a deeper understanding of how music works, as well as the skills to develop as a creative practitioner and prepare for a career in the arts.

This is a versatile, hands-on degree that prepares you for a career in the global creative industries. With a strong focus on contemporary music practice, this major combines performance, composition and both electronic and acoustic media so you can build your skills and expertise across three interrelated areas: music studio, audio production and critical studies in music.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Subjects Required for Major Study

Students studying the Music Major in the Bachelor of Creative Arts will

complete at least 72 credit points as outlined below:

Subject Code	Subject Name	Credit Points
<b>Year 1</b>		
<a href="#">CAMS101</a>	Music Skills 1	6
<a href="#">CAMS102</a>	Music Skills 2	6
<a href="#">CAMS103</a>	Introduction to Audio Production	6
<a href="#">CAMS104</a>	Introduction to Music Production	6
<b>Year 2</b>		
<a href="#">CAMS201</a>	Music Studio 1	6
<a href="#">CAMS202</a>	Music Studio 2	6
<a href="#">CAMS203</a>	Recording Studio	6
<a href="#">CAMS231</a>	Critical Studies in Music 1	6
<a href="#">CAMS232</a>	Critical Studies in Music 2	6
<b>Year 3</b>		
<a href="#">CAMS301</a>	Music Studio 3	6
<a href="#">CAMS390</a>	Music Major Project (Capstone)	12

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Minor Study

A 24 credit point minor in Music is available. Information is available on the [2019 LHA General Schedule of Minors](#) page.

Note that students cannot complete both a Major and a Minor in Music.

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing

employment in your field of choice when you graduate from UOW.

Bachelor of Creative Arts students may apply via their Course Coordinator to enrol into the Creative Arts Internship subject, [CAC302](#). The Faculty offers a limited number of industry placements each year. These offer students hands-on experience in cultural organisations that have agreed to partner with the Faculty on this initiative. Typically students will spend a minimum of 60 hours in an organisation, working on an agreed project from their major study area, with exposure to a fully operational professional environment. These hours can be undertaken on a daily basis or as a single block as negotiated with the host organisation. Students are selected for this opportunity on the basis of both strong academic achievement and through application and interview.

In their third year students will undertake a major project in their chosen discipline continuing to build student experience, expertise and maturity, working with a range of methodologies and processes in a context that simulates professional working conditions.

Third year students may choose to take an additional history/theory subject, particularly if they are interested in Honours or teaching, however, they also have the option of enrolling in [CAC301](#), the Professional Practice subject. In this subject, students will map professional and career pathways in the context of both individual artistic practice and the creative and cultural industries. It will develop an understanding of arts infrastructure, including government agencies, the commercial and the not-for-profit sector. Fundamental professional avenues of support such as legal advisory services and funding structures will be introduced as well as individual portfolios and curriculum vitae, project and funding submission development and making presentations. Students will undertake an individual research assignment into an aspect of the arts that fits with their career ambitions. The subject will be delivered in partnership with key arts and cultural organisations.

## Honours

See [Bachelor of Creative Arts \(Honours\)](#).

## Other Information

Creative Arts may apply quotas to subjects to ensure optimal class sizes.

Further information is available via email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 10 October, 2018

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Theatre Major | 2019

**UAC Code: 754609**

The Creative Industries is one of the fastest-growing, most dynamic sectors in the world. Studying a Bachelor of Creative Arts (Theatre) degree at UOW will help you explore the many possibilities of creating theatre and performance in both regional and urban settings, for children, young people and adults, as well as generating work for diverse audiences. It considers all the elements of theatre-making in order to communicate content, atmosphere and impact, skills that are invaluable in a range of careers.

This flexible degree equips you with skills in a broad range of performance-related areas including stage-craft, dramaturgy, stage management, and performance-making. You will also receive an introduction to lighting and sound design. You will learn that theory and history are essential to your development as an informed, professional and self-reliant practitioner.

The Theatre major brings together practice and theory with the opportunity to take minors and electives that broaden your career opportunities such as Creative Writing, Media Arts, Technical Theatre, Music Production, English Literature or languages. The opportunity to participate in Student Initiated Projects (SIPS) is also provided.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

# Subjects Required for Major Study

Students studying the Theatre Major within the Bachelor of Creative Arts will complete at least 72 credit points as outlined below:

Subject Code	Subject Name	Credit Points
<b>Year 1</b>		
<a href="#">CAPA111</a>	Stage Management	6
<a href="#">CAPA112</a>	Introduction to Lighting and Sound	6
<a href="#">CAPF111</a>	Stagecraft 1	6
<a href="#">CAPF112</a>	Stagecraft 2	6
<b>Year 2</b>		
<a href="#">CAPF203</a>	Generative Performance Skills 1	6
<a href="#">CAPF221</a>	Theatre Studio: Performance Workshop	6
<a href="#">CAPF222</a>	Theatre Studio: Methodologies	6
<a href="#">CAPF231</a>	Contemporary Theatre and Text	6
<a href="#">CAPF232</a>	Contemporary Australian Theatre and its Context	6
<b>Year 3</b>		
<a href="#">CAPF303</a>	Generative Performance Skills 2	6
<a href="#">CAPF390</a>	Major Performance Production (Capstone)	12

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Minor Study

24 credit point minors are available in both 'Theatre' and 'Technical Theatre'. Information is available on the [2019 LHA General Schedule of Minors](#) page.

Note that students cannot complete both a Major and a Minor in Theatre.



## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

Bachelor of Creative Arts students may apply via their Course Coordinator to enrol into the Creative Arts Internship subject, [CAC302](#). The Faculty offers a limited number of industry placements each year. These offer students hands-on experience in cultural organisations that have agreed to partner with the Faculty on this initiative. Typically students will spend a minimum of 60 hours in an organisation, working on an agreed project from their major study area, with exposure to a fully operational professional environment. These hours can be undertaken on a daily basis or as a single block as negotiated with the host organisation. Students are selected for this opportunity on the basis of both strong academic achievement and through application and interview.

In their third year students will undertake a major project in their chosen discipline continuing to build student experience, expertise and maturity, working with a range of methodologies and processes in a context that simulates professional working conditions.

Third year students may choose to take an additional history/theory subject, particularly if they are interested in Honours or teaching, however, they also have the option of enrolling in [CAC301](#), the Professional Practice subject. In this subject, students will map professional and career pathways in the context of both individual artistic practice and the creative and cultural industries. It will develop an understanding of arts infrastructure, including government agencies, the commercial and the not-for-profit sector. Fundamental professional avenues of support such as legal advisory services and funding structures will be introduced as well as individual portfolios and curriculum vitae, project and funding submission development and making presentations. Students will undertake an individual research assignment into an aspect of the arts that fits with their career ambitions. The subject will be delivered in partnership with key arts and cultural organisations.

## Honours

See [Bachelor of Creative Arts \(Honours\)](#).

## Other Information

Creative Arts may apply quotas to subjects to ensure optimal class sizes.

Further information is available via email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

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# 2019 Undergraduate Courses

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Visual Arts Major | 2019

**UAC Code: 754605**

Studying a Bachelor of Creative Arts - Visual Arts at UOW will allow you to explore diverse materials, processes and practices in an intensive, hands-on environment drawing on a range of studio practices from the established to the emerging, the analogue and the digital, from 2D to object and time-based works.

The Creative Industries are one of the fastest growing, most dynamic sectors in the world. The Visual Arts major equips you with a sound knowledge of contemporary art practices and art history and theory within Australia and internationally. It also offers you the opportunity to take minors and electives that broaden your career opportunities such as, for instance, Creative Writing, Media Arts, Technical Theatre, Music Production, Photography, English Literature or languages.

Visual Arts is taught by academics who are also practising artists and scholars, and who work with you to develop your creative and critical abilities. You will work towards a major exhibition by the end of your degree, and are encouraged to participate in Student Initiated Projects (SIPS).

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Subjects Required for Major Study

Students studying the Visual Arts Major in the Bachelor of Creative Arts will complete at least 72 credit points as outlined below:

Subject Code	Subject Name	Credit Points
<b>Year 1</b>		
<a href="#">CAVA101</a>	Visual Foundation 1	6
<a href="#">CAVA102</a>	Visual Foundation 2	6
<a href="#">CAVA103</a>	Visual Foundation 3	6
<a href="#">CAVA104</a>	Visual Foundation 4: Studio Practice	6
<b>Year 2</b>		
<a href="#">CAVA201</a>	Visual Arts Studio 1	6
<a href="#">CAVA202</a>	Visual Arts Studio 2	6
<a href="#">CAVA203</a>	Visual Arts Studio 3	6
<a href="#">CAVA231</a>	Visual Art, Modernism and the Avant-garde	6
<a href="#">CAVA232</a>	Contemporary Indigenous Art: Theory and Practice	6
<b>Year 3</b>		
<a href="#">CAVA301</a>	Visual Arts Workshop	6
<a href="#">CAVA390</a>	Creative Arts Studio: Major Project (Capstone)	12

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Minor Study

A 24 credit point minor in Visual Arts is available. Information is available on the [2019 LHA General Schedule of Minors](#) page.

Note that students cannot complete both a Major and a Minor in Visual Arts.

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

Bachelor of Creative Arts students may apply via their Course Coordinator to enrol into the Creative Arts Internship subject, [CAC302](#). The Faculty offers a limited number of industry placements each year. These offer students hands-on experience in cultural organisations that have agreed to partner with the Faculty on this initiative. Typically students will spend a minimum of 60 hours in an organisation, working on an agreed project from their major study area, with exposure to a fully operational professional environment. These hours can be undertaken on a daily basis or as a single block as negotiated with the host organisation. Students are selected for this opportunity on the basis of both strong academic achievement and through application and interview.

In their third year students will undertake a major project in their chosen discipline continuing to build student experience, expertise and maturity, working with a range of methodologies and processes in a context that simulates professional working conditions.

Third year students may choose to take an additional history/theory subject, particularly if they are interested in Honours or teaching, however, they also have the option of enrolling in [CAC301](#), the Professional Practice subject. In this subject, students will map professional and career pathways in the context of both individual artistic practice and the creative and cultural industries. It will develop an understanding of arts infrastructure, including government agencies, the commercial and the not-for-profit sector. Fundamental professional avenues of support such as legal advisory services and funding structures will be introduced as well as individual portfolios and curriculum vitae, project and funding submission development and making presentations. Students will undertake an individual research assignment into an aspect of the arts that fits with their career ambitions. The subject will be delivered in partnership with key arts and cultural organisations.

## Honours

See [Bachelor of Creative Arts \(Honours\)](#).

## Other Information

Creative Arts may apply quotas to subjects to ensure optimal class sizes.

Further information is available via email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

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# 2019 Undergraduate Courses

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Visual Arts and Design Major | 2019

**UAC Code: 754607**

The Visual Arts and Design major is for those who love not only painting and making, but also designing for real-world environments. The course will develop your skills in traditional areas such as painting and drawing, print-making and photography, and sculpture and textiles. You will also learn contemporary digital design skills, including visual communication design, innovations in design practice and interface design – all underpinned by learnings in history and theory. This dynamic major offers extensive studio time, while equipping you with the design skills essential for success in the contemporary arts and creative industries.

### Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

### Subjects Required for Major Study

Students studying the Visual Arts and Design Major in the Bachelor of Creative Arts will complete at least 96 credit points as outlined below:

Subject Code	Subject Name	Credit Points
<b>Year 1</b>		

<a href="#">CAVA101</a>	Visual Foundation 1	6
<a href="#">CAVA102</a>	Visual Foundation 2	6
<a href="#">CAVA103</a>	Visual Foundation 3	6
<a href="#">CAVA104</a>	Visual Foundation 4: Studio Practice	6
<b>Year 2</b>		
<a href="#">VCD 201</a>	Typography	6
<a href="#">VCD 203</a>	Social Impact Design	6
<a href="#">CAVA201</a>	Visual Arts Studio 1	6
<a href="#">CAVA202</a>	Visual Arts Studio 2	6
<a href="#">CAVA203</a>	Visual Arts Studio 3	6
<a href="#">CAVA212</a>	Visual Arts Studio Workshop E	6
<a href="#">CAVA231</a>	Visual Art, Modernism and the Avant-garde	6
<a href="#">CAVA232</a>	Contemporary Indigenous Art: Theory and Practice	6
<b>Year 3</b>		
<a href="#">VCD 301</a>	Professional Design Practice	6
<a href="#">CAVA301</a>	Visual Arts Workshop	6
<a href="#">CAVA390</a>	Creative Arts Studio: Major Project (Capstone)	12

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

***NOTE: Students in the Bachelor of Creative Arts/Bachelor of Communication and Media double degree (course code 1795) cannot take the 'Visual Arts and Design' major with the 'Visual Communication Design' major.***

Students interested in Visual Arts and Design are strongly recommended to enrol in [VAD 190](#), and [VAD 192](#) as electives in this major, or to complete the



[Graphic Design Minor.](#)

## Honours

See [Bachelor of Creative Arts \(Honours\)](#).

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

Bachelor of Creative Arts students may apply via their Course Coordinator to enrol into the Creative Arts Internship subject, [CAC302](#). The Faculty offers a limited number of industry placements each year. These offer students hands-on experience in cultural organisations that have agreed to partner with the Faculty on this initiative. Typically students will spend a minimum of 60 hours in an organisation, working on an agreed project from their major study area, with exposure to a fully operational professional environment. These hours can be undertaken on a daily basis or as a single block as negotiated with the host organisation. Students are selected for this opportunity on the basis of both strong academic achievement and through application and interview.

In their third year students will undertake a major project in their chosen discipline continuing to build student experience, expertise and maturity, working with a range of methodologies and processes in a context that simulates professional working conditions.

Third year students may choose to take an additional history/theory subject, particularly if they are interested in Honours or teaching, however, they also have the option of enrolling in [CAC301](#), the Professional Practice subject. In this subject, students will map professional and career pathways in the context of both individual artistic practice and the creative and cultural industries. It will develop an understanding of arts infrastructure, including government agencies, the commercial and the not-for-profit sector. Fundamental professional avenues of support such as legal advisory services and funding structures will be introduced as well as individual portfolios and curriculum vitae, project and funding submission development and making presentations. Students will undertake an individual research assignment into an aspect of the arts that fits with their career ambitions. The subject will be delivered in partnership with key arts and cultural organisations.

## Other Information

Creative Arts may apply quotas to subjects to ensure optimal class sizes.

Further information is available via email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

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# 2019 Undergraduate Courses

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## Bachelor of Engineering (Honours) (Biomedical Engineering) | 2019

Career focus Biomedical Engineering is a multi-disciplinary field which applies engineering principles, problem solving skills and methodologies to the research and development of novel medical and diagnostic devices, tools, systems and technology that will deliver substantial healthcare benefit and improve the quality of life. Graduates of the Bachelor of Engineering (Honours) (Biomedical Engineering) will be prepared for careers in health related industries, academia, government regulatory agencies, public policy development and implementation units, and private business nationally and internationally. As a Washington Accord accredited program, graduates are qualified for employment in Biomedical Engineering roles in many other countries.

Roles, responsibilities, and specialisations under supervision of experienced engineers, graduates will be capable of holding positions with significant responsibility. Graduate responsibilities are based on the establishment, design, manufacturing and maintenance of medical devices, technologies and systems including therapeutic devices, rehabilitation devices, assistive devices, artificial organs, implants and similar. Specific roles may include, but are not limited to: design of instruments, customised devices and software used in healthcare, e.g., prostheses or artificial organs development of new materials, such as stents, for implantation in the body; engineering cells to regenerate diseased or injured tissue, for example using stem cells.

Biomedical Engineers often serve as a coordinating function; they use their background in both engineering and medicine and seek to combat disease with research by conducting clinical trials of new medical devices. They also

design ergonomic equipment and workplaces which can help prevent accidents and injuries. Graduates may have responsibilities around client and stakeholder relations; procurement; safe work practices; quality assurance in project delivery; reporting; and consideration of standards and regulations. Graduates will have strong project and people management skills and may take on responsibility for overseeing teams, contractors and consultants within the first five years from graduation.

Student experience and professional attributes UOW has a long and successful history of innovation, industry collaboration applied engineering research, and engineering consultancy. The practical engineering culture at UOW is reflected in its degree programs and graduates. Students studying the Bachelor of Engineering (Honours) (Biomedical Engineering) will have opportunities to apply knowledge to ethical challenges, innovation and problem solving in real-world focused projects in each year of the degree program. They are also able to engage with extra-curricular and co-curricular activities through the Work Integrated Learning program. The program is delivered through a range of study modes and assessment types, supported by digital technologies, to ensure graduates are flexible learners and well prepared to adapt to future challenges. Students also participate in multidisciplinary projects, providing them with opportunities to learn the language of engineering and the engineering methods applied in different disciplines. Graduates of the program leave UOW experienced in working in diverse teams and ready to integrate into the workforce. Further, UOW graduates are equipped with the skills to recognise opportunities for further learning and technical specialisation to adapt to changing industry requirements.

Suitable student backgrounds and interests. The course has been developed to support students from a range of educational and professional backgrounds, including international and domestic school leavers, certificate and diploma qualified individuals with experience in the engineering sector. Pathway programs are available to strengthen students' mathematics, science, and English language background prior to commencement where required. The program is best suited to those with an interest in improving the quality of life for individuals living with injuries and disabilities through careers in health, engineering design and medical research.

Graduates contribute to society through the Bachelor of Engineering (Honours) (Biomedical Engineering) program, graduates will have the skills to make a significant contribution to society through innovation, creative thinking and disciplinary expertise. Specifically Biomedical Engineering graduates will have the expertise to help medical practitioners diagnose, monitor, treat and improve quality of life, contributing to a society that lives well, longer.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Structure

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">ENGG102</a>	Fundamentals of Engineering Mechanics	6	Autumn
<a href="#">ENGG103</a>	Materials in Design	6	Autumn
<a href="#">ENGG105</a>	Engineering Design for Sustainability	6	Autumn
<a href="#">MATH141</a>	Foundations of Engineering Mathematics	6	Autumn, Spring
<a href="#">ENGG100</a>	Engineering Computing and Analysis	6	Spring
<a href="#">ENGG104</a>	Electrical Systems	6	Spring
<a href="#">PHYS143</a>	Physics For Engineers	6	Spring
<a href="#">MATH142</a>	Essentials of Engineering Mathematics	6	Spring, Summer 2019/2020
<b>Year 2</b>			
<a href="#">MECH203</a>	Mechanical Engineering Practices	0	Autumn
<a href="#">MEDI100</a>	Human Structure and Function	6	Autumn
<a href="#">ENGG252</a>	Engineering Fluid Mechanics	6	Autumn
<a href="#">MATH283</a>	Advanced Engineering Mathematics and Statistics	6	Autumn

<a href="#">ECTE233</a>	Digital Hardware	6	Autumn
<a href="#">PHYS155</a>	Introduction to Biomedical Physics	6	Spring
<a href="#">ECTE203</a>	Signals and Systems	6	Spring
<a href="#">MECH226</a>	Machine Dynamics	6	Spring
<a href="#">BMEG201</a>	Biomedical Instrumentation and Design	6	Spring
<b>Year 3</b>			
<a href="#">CSCI291</a>	Programming for Engineers	6	Autumn
<a href="#">BMEG302</a>	Biomedical Sensors and Actuators	6	Autumn
<a href="#">BMEG304</a>	Manufacturing Techniques for Biomedical Engineering	6	Autumn
<a href="#">BMEG301</a>	Mechanics of Biomedical Systems	6	Autumn
<a href="#">BMEG303</a>	Biomechanical Basis of Human Movement	6	Spring
<a href="#">BMEG305</a>	Mechanical Design of Biomedical Devices	6	Spring
<a href="#">BMEG306</a>	Biomaterials and Tissue Engineering	6	Spring
<a href="#">ECTE344</a>	Control Theory	6	Spring
<b>Year 4</b>			
<a href="#">ENGG454</a>	Professional Experience	0	Annual, Autumn, Spring
<a href="#">ENGG461</a>	Managing Engineering Projects	6	Autumn



<a href="#">ECTE331</a>	Real-time Embedded Systems	6	Spring
<a href="#">BMEG401</a>	Artificial Organs and Implants	6	Not available in 2019
<a href="#">BMEG402</a>	Ethics and Practices in Biomedical Engineering	6	Not available in 2019
Bachelor of Engineering (Honours) students complete one of the following research options:			
<a href="#">ENGG452</a>	Thesis A	12	Annual, Spring 2019/Autumn 2020
OR			
<a href="#">ENGG453</a>	Thesis B	18	Annual, Spring 2019/Autumn 2020
Bachelor of Engineering (Honours) (Scholar) students must complete <a href="#">ENGG453</a>			
Plus 2 electives: 1 from List A and 1 from List B (12 cp)			
<b>List A</b>			
<a href="#">ENGG251</a>	Mechanics of Solids	6	Autumn
<a href="#">ECTE301</a>	Digital Signal Processing	6	Autumn
<a href="#">ENGG440</a>	Strategic Management of Engineering	6	Autumn
<a href="#">MECH409</a>	Micro/Nano Robotic Systems	6	Autumn
<a href="#">ECTE213</a>	Engineering Electromagnetics	6	Spring
<a href="#">ENGG433</a>	Financial Management for Engineers	6	Spring
<a href="#">MATE401</a>	Selection of Materials in Engineering Design	6	Spring

MECH252	Thermodynamics, Experimental Methods and Analysis	6	Spring
MECH423	Design for Manufacturing	6	Spring
MECH470	Applied Topics in Mechatronics	6	Spring
MECH431	Computational Fluid Dynamics	6	Not available in 2019
ISIT430	Introduction to Health Informatics	6	Autumn
ISIT429	Concepts and Issues in Healthcare Computing	6	Spring
MEDI223	Clinical Biomechanics	6	Not available in 2019
<b>List B</b>			
CHEM103	Introductory Chemistry For Engineers	6	Autumn
FREN151	French for Beginners 1	6	Autumn
ITAL151	Italian for Beginners 1	6	Autumn
JAPA141	Beginner Japanese 1	6	Autumn
LAW 101	Law, Business and Society	6	Autumn
SPAN151	Spanish for Beginners 1	6	Autumn
MAND151	Chinese (Mandarin) for Beginners 1	6	Autumn
STS 302	Climate Change Policy, Possible Futures	6	Autumn
PHIL256	Environmental Philosophy: Animals, Nature and Ethics	6	Spring
PHYS295	Astronomy - Concepts of	6	Spring

	the Universe		
<a href="#">PHIL326</a>	Bioethics	6	Autumn
<a href="#">SOC 251</a>	Genetics, Biotechnology and Society	8	Autumn
<a href="#">ECON100</a>	Economic Essentials for Business	6	Autumn, Spring
<a href="#">ECON102</a>	Economics and Society	6	Autumn, Spring
<a href="#">PHIL218</a>	Ethics: Good, Bad and Evil	6	Spring
<a href="#">STS 216</a>	Environmental Sociology and Politics	6	Spring

## Professional Recognition/Accreditation

UOW's engineering programs are accredited by [Engineers Australia](#) and relevant world engineering bodies through the Washington Accord. This ensures recognition by equivalent professional engineering bodies in the USA, UK, Hong Kong, Japan, New Zealand, Canada, South Africa, Ireland, Korea, Malaysia, Singapore and other countries.

UOW is a member of the Group of Eight (Go8) Deans of Engineering and Associates, in recognition of its being among the top Australian engineering faculties. This achievement is a direct result of our world class reputation in teaching and research.

## Other Information

Further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or [Academic Program Director](#)

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# 2019 Undergraduate Courses

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Engineering (Honours) (Civil Engineering) | 2019

A career in Civil Engineering is a field that focuses on the development and maintenance of the built environment. Graduates of the Bachelor of Engineering (Honours) (Civil Engineering) will be prepared for careers in the consulting and construction industry the resources sector, major infrastructure projects, and government organisations. As a Washington Accord accredited program, graduates are qualified for employment in Civil Engineering roles in many other countries.

Under the supervision of experienced engineers, graduates will be capable of holding positions with significant responsibility. Graduate responsibilities are based on design, construction, and maintenance of a wide range of civil infrastructure, including buildings, roads, bridges airports, waterways, and railways. Specific roles may include, but are not limited to: structural design of a wide range of buildings from simple shade structures to high-rise apartment blocks and bridges; analysis of existing structures for maintenance and modification; design of foundations and ground improvements for building, road, and railways overseeing construction site preparations and excavation; managing environmental monitoring and compliance; and analysis and modelling of structures, water flows, and ground conditions. Graduates may have responsibilities around client and stakeholder relations; procurement; safe work practices; quality assurance in project delivery; reporting; and consideration of standards and regulations. Graduates will have strong project and people management skills and may take on responsibility for overseeing teams, contractors and consultants within the first five years from graduation.

Student experience and professional attributes UOW has a long and successful history of innovation, industry collaboration applied engineering research, and engineering consultancy. The practical engineering culture at UOW is reflected in its degree programs and graduates. Students studying the Bachelor of Engineering (Honours) (Civil Engineering) will have opportunities to apply knowledge to ethical challenges, innovation and problem solving in real-world focused projects in each year of the degree program. They are also able to engage with extra-curricular and co-curricular activities through the Work Integrated Learning program. The program is delivered through a range of study modes and assessment types, supported by digital technologies, to ensure graduates are flexible learners and well prepared to adapt to future challenges. Students also participate in multidisciplinary projects, providing them with opportunities to learn the language of engineering and the engineering methods applied in different disciplines. Graduates of the program leave UOW experienced in working in diverse teams and ready to integrate into the workforce. Further, UOW graduates are equipped with the skills to recognise opportunities for further learning and technical specialisation to adapt to changing industry requirements.

The course has been developed to support students from a range of educational and professional backgrounds, including international and domestic school leavers, certificate and diploma qualified individuals with experience in the engineering sector. Pathway programs are available to strengthen students' mathematics, science, and English language background prior to commencement where required. The program is best suited to those with an interest in sustainable urban and regional development, buildings and structures, or a career in the construction industry.

Through the Bachelor of Engineering (Honours) (Civil Engineering) program, graduates will be prepared to make a significant contribution to society through innovation, creative thinking and disciplinary expertise. Specifically, Civil Engineering graduates will be well placed to contribute to sustainable economic, environmental and social development in the built environment.

The degree can be combined with Environmental or Mining Engineering in second year. Double degrees are also available.

Academic Program Director: Assoc Prof Neaz Sheikh

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

# Course Structure

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
ENGG102	Fundamentals of Engineering Mechanics	6	Autumn
ENGG103	Materials in Design	6	Autumn
ENGG105	Engineering Design for Sustainability	6	Autumn
MATH141	Foundations of Engineering Mathematics	6	Autumn, Spring
ENGG100	Engineering Computing and Analysis	6	Spring
ENGG104	Electrical Systems	6	Spring
PHYS143	Physics For Engineers	6	Spring
MATH142	Essentials of Engineering Mathematics	6	Spring, Summer 2019/2020
<b>Year 2</b>			
CHEM103	Chemistry For Engineering	6	Autumn
ENGG251	Mechanics of Solids	6	Autumn
ENGG252	Engineering Fluid Mechanics	6	Autumn
MATH283	Advanced Engineering Mathematics and Statistics	6	Autumn
CIVL245	Construction Materials	6	Spring
CIVL272	Surveying	6	Spring
EESC252	Geology for Engineers I	6	Spring

CIVL201	Computer Modelling in Civil Engineering	6	Spring
<b>Year 3</b>			
CIVL311	Structural Design 1	6	Autumn
CIVL322	Hydraulics and Hydrology	6	Autumn
CIVL352	Structures 1	6	Autumn
CIVL361	Geomechanics	6	Autumn
CIVL314	Structural Design 2	6	Spring
CIVL394	Construction	6	Spring
<b>Plus:</b>			
<b>TWO electives as specified below</b>		12	Spring
<b>Year 4</b>			
ENGG461	Managing Engineering Projects	6	Autumn
CIVL462	Principles of Foundation Engineering	6	Autumn
CIVL444	Civil Engineering Design	6	Spring
CIVL458	Fundamentals of Construction Management	6	Spring
ENGG454	Professional Experience	0	Annual, Autumn, Spring
<b>Bachelor of Engineering (Honours) students complete ONE of the following research options</b>			
ENGG452	Thesis A	12	Annual, Spring 2019/Autumn 2020
<b>or</b>			
ENGG453	Thesis B	18	Annual, Spring



			2019/Autumn 2020
<b>Bachelor of Engineering Scholar (Honours) students must complete ENGG453</b>			
ENGG453	Thesis B	18	Annual, Spring 2019/Autumn 2020
<b>PLUS:</b>			
Electives as specified below		6 or 12	Autumn, Spring
<b>Total Electives listed below for Year 3 and 4*</b>			
For students in ENGG452: Any 2 electives from List A and 2 electives from List A or B			
For students in ENGG453: Any 1 elective from List A and 2 electives from List A or B			
<b>List A General Electives</b>			
MINE211	Surface Mining Methods	6	Autumn
CSCI291	Programming for Engineers	6	Autumn
ENVE311	Pollution Control and Cleaner Production	6	Autumn
ENGG440	Strategic Management of Engineering	6	Autumn
ENGG472	Humanitarian Engineering	6	Autumn
CIVL491	Applied Finite Element Analysis for Civil Engineers	6	Autumn
ENVE377	Membrane Science and Technology	6	Autumn
ENVE420	Water Resources Engineering	6	Autumn
CIVL489	Sustainable Roads &	6	Spring

	Railway Engineering		
<a href="#">CIVL454</a>	Structures 2	6	Spring
<a href="#">CIVL463</a>	Applied Geotechnical Engineering	6	Spring
<a href="#">ENGG433</a>	Financial Management for Engineers	6	Spring
<a href="#">ENGG439</a>	Engineering Logistics and Operations Management	6	Spring
<a href="#">ENVE410</a>	Site Remediation Engineering	6	Spring
<a href="#">ENVE220</a>	Water Quality and Ecological Engineering	6	Spring
<a href="#">ENVE320</a>	Environmental Engineering Design for Sustainability	6	Spring
<a href="#">ENVE221</a>	Air and Noise Pollution Control Engineering	6	Spring
<a href="#">MINE234</a>	Computer Applications in Mining Engineering	6	Spring
<a href="#">CIVL415</a>	Structural Design 3	6	Not available in 2019
<a href="#">CIVL392</a>	Computational Methods in Engineering	6	Not available in 2019
<a href="#">CIVL426</a>	Design of Masonry Structures	6	Not available in 2019
<a href="#">ENGG302</a>	Infrastructure Systems	6	Not available in 2019
<a href="#">CIVL457</a>	Structures 3	6	Not available in 2019
<a href="#">ENGG477</a>	Ocean Engineering	6	Autumn

Or other approved technical elective offered in the Faculty of

Engineering and Information Sciences.			
<b>List B General Electives</b>			
<a href="#">ECON215</a>	Microeconomic Theory and Policy	6	Autumn
<a href="#">ECON102</a>	Economics and Society	6	Autumn, Spring
<a href="#">ECTE213</a>	Engineering Electromagnetics	6	Spring
<a href="#">GEOG222</a>	Society and Environment: Resources, Challenges, Futures	6	Spring
<a href="#">GEOG224</a>	The Future of Food: Resilience, Communities and Policy	6	Spring
<a href="#">PHYS295</a>	Astronomy - Concepts of the Universe	6	Spring
<a href="#">ENGG448</a>	Energy Efficiency in Manufacturing and Process Industries	6	Not available in 2019
<b>Or other approved General Elective.</b>			

\* All electives may not be available every year - check subject timetable.

\*\* Scholars students must complete this subject. 18 credit point thesis is equivalent to the 12 credit point thesis and one 6 credit point elective.

## Other Information

For further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au)

Last reviewed: 15 October, 2018

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# 2019 Undergraduate Courses

Home

□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Engineering (Honours) (Computer Engineering) | 2019

Computer Engineering is a field focused on computer hardware design and computer systems now embedded in every aspect of daily life. Graduates of the Bachelor of Engineering (Honours) (Computer Engineering) will be prepared for careers in almost any industry where computer systems are prevalent – computer hardware design, medical equipment, automotive and transport sector, smart buildings, automated public infrastructure, and design of personal electronic devices. As a Washington Accord accredited program, graduates are qualified for employment in Computer Engineering roles in many other countries.

Under the supervision of experienced engineers, graduates will be capable of holding positions with significant responsibility for design of computer hardware and embedded systems. Specific roles may include, but are not limited to: design of embedded computing technologies in public transport systems such as electronic ticketing devices; hardware design for imaging systems like vehicle number plate recognition design of consumer computing hardware, wearable devices, smart electricity meters, personal computers, consumer electronics. Graduates will contribute within teams for complex projects and may take a lead role in design work, troubleshooting, testing, analysis and verification of component and system performance, project management, and system commissioning. Graduates may have responsibilities around client and stakeholder relations; procurement; safe work practices; quality assurance in project delivery; reporting and, consideration of standards, regulations and compliance. Graduates will have strong project and people management skills and may take on responsibility

for overseeing teams, contractors and consultants within the first five years from graduation.

UOW has a long and successful history of innovation, industry collaboration applied engineering research, and engineering consultancy. The practical engineering culture at UOW is reflected in its degree programs and graduates. Students studying the Bachelor of Engineering (Honours) (Computer Engineering) will have opportunities to consider ethical and social challenges relating to engineering, and develop innovative solutions in real-world focused projects in each year of the degree program. They are also able to develop strong professional skills through extra-curricular and co-curricular activities in the Work Integrated Learning program. The degree program is delivered through a range of study modes and assessment types, supported by digital technologies, to ensure graduates are flexible learners, well prepared to adapt to future challenges. Students also participate in multidisciplinary projects, providing them with opportunities to learn the language of engineering and the engineering methods applied in different disciplines. Graduates of the program leave UOW experienced in working in diverse teams ready to integrate into the workforce. Further, UOW graduates are equipped with the skills to recognise opportunities for further learning and technical specialisation to adapt to changing industry requirements.

The course has been developed to support students from a range of educational and professional backgrounds, including international and domestic school leavers, certificate and diploma qualified individuals with experience in the engineering sector. Pathway programs are available to strengthen students' mathematics, science, and English language background prior to commencement. The program is best suited to those with an interest in electronic devices, computer hardware and coding.

Through the Bachelor of Engineering (Honours) (Computer Engineering) program, graduates will be prepared to make a significant contribution to society through innovation, creative thinking, and disciplinary expertise. Computer Engineering graduates will be well placed to contribute to innovation in areas that support modern society from intelligent, connected personal devices to integrated computing hardware in large infrastructure.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Structure

Subject	Subject Name	Credit	Session(s)
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Code		Points	
<b>Year 1</b>			
ENGG102	Fundamentals of Engineering Mechanics	6	Autumn
ENGG103	Materials in Design	6	Autumn
ENGG105	Engineering Design for Sustainability	6	Autumn
MATH141	Foundations of Engineering Mathematics	6	Autumn, Spring
ENGG100	Engineering Computing and Analysis	6	Spring
ENGG104	Electrical Systems	6	Spring
PHYS143	Physics For Engineers	6	Spring
MATH142	Essentials of Engineering Mathematics	6	Spring, Summer 2019/2020
<b>Year 2</b>			
ECTE202	Circuits and Systems	6	Autumn
CSCI291	Programming for Engineers	6	Autumn
ECTE233	Digital Hardware	6	Autumn
MATH283	Advanced Engineering Mathematics and Statistics	6	Autumn
ECTE250	Engineering Design and Management 2	6	Spring
ECTE203	Signals and Systems	6	Spring
ECTE212	Electronics	6	Spring
ECTE213	Engineering Electromagnetics	6	Spring

<b>Year 3</b>			
<a href="#">ECTE333</a>	Microcontroller Architecture and Applications	6	Annual
<a href="#">ECTE350</a>	Engineering Design and Management 3	6	Annual
<a href="#">ECTE301</a>	Digital Signal Processing	6	Autumn
<a href="#">ECTE324</a>	Power Engineering 1	6	Autumn
<a href="#">ECTE363</a>	Communication Systems	6	Autumn
<a href="#">ECTE399</a>	Professional Experience <sup>^</sup>	0	Autumn, Spring
<a href="#">ECTE344</a>	Control Theory	6	Spring
<a href="#">ECTE331</a>	Real-time Embedded Systems	6	Spring
<a href="#">ECTE364</a>	Data Communications	6	Spring
<p><sup>^</sup>Students may complete <a href="#">FEIS400</a> as an alternative option for Professional Experience, which can be counted towards a Minor in <a href="#">Engineering Innovation and Entrepreneurship</a></p>			
<a href="#">FEIS400</a>	Lean Engineering Start Up	12	Summer 2019/2020
<b>Year 4</b>			
<a href="#">ECTE451</a>	Engineering Project 1	6	Autumn, Spring
<a href="#">ECTE458</a>	Engineering Project 2	12	Autumn, Spring
<a href="#">ECTE432</a>	Computer Architecture	6	Spring
<b>Plus</b>			
2 Computer Engineering Major Subjects		12	Spring
1 List A <a href="#">SECTE Electives subject</a>		6	Spring



1 <a href="#">List A SECTE Electives</a> OR <a href="#">List B General Electives subject</a> *	6	Autumn, Spring
*Bachelor of Engineering Scholar (Honours) students must complete <a href="#">ECTE355</a> instead of 1 List B General Electives subject		
<a href="#">ECTE355</a>	Scholars Project	6 Autumn, Spring

## Computer Engineering Major Subjects

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">ECTE401</a>	Multimedia Signal Processing	6	Autumn
<a href="#">ECTE433</a>	Embedded Systems	6	Autumn
<a href="#">CSCI318</a>	Software Engineering Practices & Principles	6	Spring
<a href="#">ECTE471</a>	Robotics and Flexible Automation	6	Spring

\* Scholars students must complete [ECTE355](#) Scholars Project instead of a List B General Elective subject. Students must seek enrolment advice at the beginning of their Third Year.

## List A SECTE Elective Subjects

Subjects appearing on the [List A SECTE Elective Subjects](#) list will only count as either a Major Subject or a List A SECTE Electives subject.

Unless class numbers warrant, not all Elective Subjects will be offered in any one year.

## Professional Recognition/Accreditation

UOW's engineering programs are accredited by [Engineers Australia](#) and relevant world engineering bodies through the Washington Accord. This ensures recognition by equivalent professional engineering bodies in the USA, UK, Hong Kong, Japan, New Zealand, Canada, South Africa, Ireland, Korea, Malaysia, Singapore and other countries.

UOW is a member of the Group of Eight (Go8) Deans of Engineering and

Associates, in recognition of its being among the top Australian engineering faculties. This achievement is a direct result of our world class reputation in teaching and research.

## Other Information

For further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or [Academic Program Director](#)

Last reviewed: 18 June, 2019

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Engineering (Honours) (Electrical Engineering) | 2019

Electrical Engineering is a field focused on electrical components, system design and operation. Graduates of the Bachelor of Engineering (Honours) (Electrical Engineering) will be prepared for careers in the power industry, including renewable energy technologies, power quality, transmission and smart grids. Graduates may also enter careers in automation, electrical systems, signal processing, and electric motor drives. As a Washington Accord accredited program, graduates are qualified for employment in Electrical Engineering roles in many other countries.

Under the supervision of experienced engineers, graduates will be capable of holding positions with significant responsibility for design and operation of electrical components and systems. Specific roles may include, but are not limited to: electricity grid operation and development, with a focus on UOW's strengths in power quality engineering; design and maintenance of power generation systems such as solar, wind, hydro, gas and coal generators, plus mobile diesel, and small scale solar systems; and design of automation and control of electrical systems such as electric motor drives in public transport, or intelligent electricity grids; integration and control of computer systems; communication networks; data centres; robotics; and manufacturing. Graduates will contribute within teams for complex projects and may take a lead role in design work, troubleshooting, testing, analysis and verification of component and system performance, project management, and system commissioning. Graduates may have responsibilities around client and stakeholder relations; procurement; safe work practices; quality assurance in project delivery; reporting; and, consideration of standards, regulations and

compliance. Graduates will have strong project and people management skills and may take on responsibility for overseeing teams, contractors and consultants within the first five years from graduation.

UOW has a long and successful history of innovation, industry collaboration, applied engineering research, and engineering consultancy. The practical engineering culture at UOW is reflected in its degree programs and graduates. Students studying the Bachelor of Engineering (Honours) (Electrical Engineering) will have opportunities to consider ethical and social challenges relating to engineering, and develop innovative solutions in real-world focused projects in each year of the degree program. They are also able to develop strong professional skills through extra-curricular and co-curricular activities in the Work Integrated Learning program. The degree program is delivered through a range of study modes and assessment types, supported by digital technologies, to ensure graduates are flexible learners, well prepared to adapt to future challenges. Students also participate in multidisciplinary projects, providing them with opportunities to learn the language of engineering and the engineering methods applied in different disciplines. Graduates of the program leave UOW experienced in working in diverse teams, ready to integrate into the workforce. Further, UOW graduates are equipped with the skills to recognise opportunities for further learning and technical specialisation to adapt to changing industry requirements.

The course has been developed to support students from a range of educational and professional backgrounds, including international and domestic school leavers, certificate and diploma qualified individuals with experience in the engineering sector. Pathway programs are available to strengthen students' mathematics, science, and English language background prior to commencement. The program is best suited to those with an interest in electrical devices, power generation technologies, automation and control of electrical systems, and electrical systems for communications networks.

Through the Bachelor of Engineering (Honours) (Electrical Engineering) program, graduates will be prepared to make a significant contribution to society through innovation, creative thinking, and disciplinary expertise. Electrical Engineering graduates will be well placed to contribute to innovation in areas that support modern society including renewable energy technologies, reliable power supply and distribution, efficient electrical devices, and manufacturing.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

# Course Structure

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">ENGG102</a>	Fundamentals of Engineering Mechanics	6	Autumn
<a href="#">ENGG103</a>	Materials in Design	6	Autumn
<a href="#">ENGG105</a>	Engineering Design for Sustainability	6	Autumn
<a href="#">MATH141</a>	Foundations of Engineering Mathematics	6	Autumn, Spring
<a href="#">ENGG100</a>	Engineering Computing and Analysis	6	Spring
<a href="#">ENGG104</a>	Electrical Systems	6	Spring
<a href="#">MATH142</a>	Essentials of Engineering Mathematics	6	Spring, Summer 2019/2020
<a href="#">PHYS143</a>	Physics For Engineers	6	Spring
<b>Year 2</b>			
<a href="#">CSCI291</a>	Programming for Engineers	6	Autumn
<a href="#">ECTE202</a>	Circuits and Systems	6	Autumn
<a href="#">ECTE233</a>	Digital Hardware	6	Autumn
<a href="#">MATH283</a>	Advanced Engineering Mathematics and Statistics	6	Autumn
<a href="#">ECTE203</a>	Signals and Systems	6	Spring
<a href="#">ECTE212</a>	Electronics	6	Spring
<a href="#">ECTE213</a>	Engineering	6	Spring

	Electromagnetics		
<a href="#">ECTE250</a>	Engineering Design and Management 2	6	Spring
<b>Year 3</b>			
<a href="#">ECTE333</a>	Microcontroller Architecture and Applications	6	Annual
<a href="#">ECTE350</a>	Engineering Design and Management 3	6	Annual
<a href="#">ECTE301</a>	Digital Signal Processing	6	Autumn
<a href="#">ECTE324</a>	Power Engineering 1	6	Autumn
<a href="#">ECTE363</a>	Communication Systems	6	Autumn
<a href="#">ECTE399</a>	Professional Experience <sup>^</sup>	0	Autumn, Spring
<a href="#">ECTE323</a>	Power Engineering 2	6	Spring
<a href="#">ECTE344</a>	Control Theory	6	Spring
<a href="#">ECTE364</a>	Data Communications	6	Spring
<sup>^</sup> Students may complete <a href="#">FEIS400</a> as an alternative option for Professional Experience, which can be counted towards a Minor in Engineering Innovation and Entrepreneurship			
<a href="#">FEIS400</a>	Lean Engineering Start Up	12	Summer 2019/2020
<b>Year 4</b>			
<a href="#">ECTE451</a>	Engineering Project 1	6	Autumn, Spring
<a href="#">ECTE458</a>	Engineering Project 2	12	Autumn, Spring
<b>Plus:</b>			
3 Electrical Engineering Major Subjects		18	Autumn, Spring

1 List A SECTE Electives subject	6	Spring
1 List A SECTE Electives OR List B General Electives subject*	6	Autumn, Spring
*Bachelor of Engineering (Honours) (Scholar) students must complete <a href="#">ECTE355</a> instead of the 1 List B General Electives subject		
<a href="#">ECTE355</a>	Scholars Project	6 Autumn, Spring

## Electrical Engineering Major Subjects

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">ECTE423</a>	Power System Analysis	6	Autumn
<a href="#">ECTE433</a>	Embedded Systems	6	Autumn
<a href="#">ECTE441</a>	Intelligent Control	6	Autumn
<a href="#">ECTE412</a>	Power Electronics and Drives	6	Not available in 2019
<a href="#">ECTE426</a>	Power Distribution Systems	6	Spring
<a href="#">ECTE442</a>	Computer Controlled Systems	6	Autumn
<a href="#">ECTE465</a>	Wireless Communication Systems	6	Spring
<a href="#">ECTE471</a>	Robotics and Flexible Automation	6	Spring

\*Scholars students must complete [ECTE355](#) Scholars Project instead of a General Schedule Elective. Students must seek Enrolment Advice at the

beginning of Third year.

## List A SECTE Electives Subjects

Subjects appearing on the [List A SECTE Electives](#) list will only count as either a Major Subject or a List A SECTE Electives subject.

Students will not be approved to have one subject count toward both their Major and SECTE Elective requirements.

Note: Unless class numbers warrant, not all Elective Subjects will be offered in any one year.

## Professional Recognition/Accreditation

UOW's engineering programs are accredited by [Engineers Australia](#) and relevant world engineering bodies through the Washington Accord. This ensures recognition by equivalent professional engineering bodies in the USA, UK, Hong Kong, Japan, New Zealand, Canada, South Africa, Ireland, Korea, Malaysia, Singapore and other countries.

UOW is a member of the Group of Eight (Go8) Deans of Engineering and Associates, in recognition of its being among the top Australian engineering faculties. This achievement is a direct result of our world class reputation in teaching and research.

## Other Information

Further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or [Academic Course Director](#)

Last reviewed: 18 June, 2019

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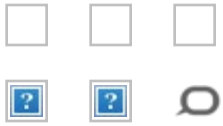
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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Engineering (Honours) (Environmental Engineering) | 2019

Career focus Environmental Engineering is a field that integrates natural sciences, local and global sustainability, and engineering method with a focus on environmental management in engineering projects and industries. Environmental engineers balance ecological principles with human and economic needs. Graduates of the Bachelor of Engineering (Honours) (Environmental Engineering) will be prepared for careers in the construction sector, public sector environmental protection departments, infrastructure projects and management, water and wastewater treatment, resources industries, remediation of contaminated sites, manufacturing, agriculture and processing industries, and any areas where responsible management of environmental impacts is necessary. As a Washington Accord accredited program, graduates are qualified for employment in Environmental Engineering roles in many other countries.

Under the supervision of experienced engineers, graduates will be capable of holding positions with significant responsibility. Graduate responsibilities are based on design, construction and operation of environmental management systems and facilities that work with natural environmental processes. Specific roles may include, but are not limited to: environmental impact assessments; design of water and wastewater treatment processes; development and oversight of site remediation plans; environmental compliance audits and monitoring; environmental risk assessment; testing, analysis and modelling of environmental systems; and, project management. Graduates may have responsibilities around client and stakeholder relations; procurement; safe work practices; quality assurance in project delivery;

reporting; and, consideration of standards and regulations. Graduates will have strong project and people management skills and may take on responsibility for overseeing teams, contractors and consultants within the first five years from graduation.

UOW has a long and successful history of innovation, industry collaboration, applied engineering research, and engineering consultancy. The practical engineering culture at UOW is reflected in its degree programs and graduates. Students studying the Bachelor of Engineering (Honours) (Environmental Engineering) will have opportunities to apply knowledge to ethical challenges, innovation and problem solving in real-world focused projects in each year of the degree program. They are also able engage with extra-curricular and co-curricular activities through the Work Integrated Learning program. The program is delivered through a range of study modes and assessment types, supported by digital technologies, to ensure graduates are flexible learners, well prepared to adapt to future challenges. Students also participate in multidisciplinary projects, providing them with opportunities to learn the language of engineering and the engineering methods applied in different disciplines. Graduates of the program leave UOW experienced in working in diverse teams, ready to integrate into the workforce. Further, UOW graduates are equipped with the skills to recognise opportunities for further learning and technical specialisation to adapt to changing industry requirements.

The course has been developed to support students from a range of educational and professional backgrounds, including international and domestic school leavers, certificate and diploma qualified individuals with experience in the engineering sector. Pathway programs are available to strengthen students' mathematics, science, and English language background prior to commencement where required. The program is best suited to those with an interest in sustainability, interaction between natural and built environments, and those who may also be considering careers in the environmental sciences

Through the Bachelor of Engineering (Honours) (Environmental Engineering) program, graduates will be prepared to make a significant contribution to society through innovation, creative thinking, and disciplinary expertise. Specifically, Environmental Engineering graduates will be well placed to contribute to the future of sustainable development and preservation of critical natural environments.

The degree can be combined with Civil or Mining Engineering in second year. Double degrees are also available.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as

eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Structure

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">ENGG102</a>	Fundamentals of Engineering Mechanics	6	Autumn
<a href="#">ENGG103</a>	Materials in Design	6	Autumn
<a href="#">ENGG105</a>	Engineering Design for Sustainability	6	Autumn
<a href="#">MATH141</a>	Foundations of Engineering Mathematics	6	Autumn, Spring
<a href="#">ENGG100</a>	Engineering Computing and Analysis	6	Spring
<a href="#">ENGG104</a>	Electrical Systems	6	Spring
<a href="#">MATH142</a>	Essentials of Engineering Mathematics	6	Spring, Summer 2019/2020
<a href="#">PHYS143</a>	Physics For Engineers	6	Spring
<b>Year 2</b>			
<a href="#">CHEM103</a>	Chemistry for Engineering	6	Autumn
<a href="#">ENGG251</a>	Mechanics of Solids	6	Autumn
<a href="#">ENGG252</a>	Engineering Fluid Mechanics	6	Autumn
<a href="#">MATH283</a>	Advanced Engineering Mathematics and Statistics	6	Autumn
<a href="#">CHEM214</a>	Analytical and Environmental Chemistry	6	Spring

ENVE220	Water Quality and Ecological Engineering	6	Spring
ENVE221	Air and Noise Pollution Control Engineering	6	Spring
CIVL272	Surveying	6	Spring
<b>Year 3</b>			
CIVL322	Hydraulics and Hydrology	6	Autumn
CIVL361	Geomechanics	6	Autumn
ENVE311	Pollution Control and Cleaner Production	6	Autumn
ENVE377	Membrane Science and Technology	6	Autumn
ENGG378	Sustainable Energy Technologies	6	Spring
ENVE320	Environmental Engineering Design for Sustainability	6	Spring
<b>Plus</b>			
TWO electives as specified below		12	Spring
<b>Year 4</b>			
CIVL462	Principles of Foundation Engineering	6	Autumn
ENGG461	Managing Engineering Projects	6	Autumn
ENVE420	Water Resources Engineering	6	Autumn
ENVE410	Site Remediation Engineering	6	Spring
ENVE421	Environmental Engineering Design 2	6	Spring
ENGG454	Professional Experience	0	Annual,

			Autumn, Spring
Bachelor of Engineering (Honours) students complete ONE of the following research options:			
<b>Option 1:</b>			
ENGG452	Thesis A	12	Annual, Spring 2019/Autumn 2020
Plus ONE elective as specified below		6	Spring
<b>OR</b>			
<b>Option 2:</b>			
ENGG453	Thesis B	18	Annual, Spring 2019/Autumn 2020
(Note: Bachelor of Engineering Scholar (Honours) students must complete ENGG453)			
<b>Total Electives listed below**</b>			
For students in ENGG452: Any 2 electives from List A and 1 elective from List A or B			
For Students in ENGG453: Any 1 elective from List A and 1 elective from List A or B			
<b>List A</b>			
CSCI291	Programming for Engineers	6	Autumn
ENGG302	Infrastructure Systems	6	Not offered in this year
ENGG439	Engineering Logistics and Operations Management	6	Spring
ENGG440	Strategic Management of	6	Autumn

	Engineering		
ENGG446	Energy Efficiency and Energy Auditing in the Built Environment	6	Not offered in this year
ENGG447	Advanced Building Design for Energy Efficiency and Sustainability	6	Autumn
ENGG448	Energy Efficiency in Manufacturing and Process Industries	6	Not offered in this year
ENGG472	Humanitarian Engineering	6	Autumn
CIVL201	Computer Modelling in Civil Engineering	6	Spring
CIVL311	Structural Design 1	6	Autumn
CIVL314	Structural Design 2	6	Spring
CIVL415	Structural Design 3	6	Not offered in this year
CIVL352	Structures 1	6	Autumn
CIVL392	Computational Methods in Engineering	6	Not offered in this year
CIVL394	Construction	6	Spring
CIVL463	Applied Geotechnical Engineering	6	Spring
MINE220	Underground Mining Methods	6	Spring
MINE234	Computer Applications in Mining Engineering	6	Spring
MINE313	Mine Power and Transport	6	Not offered in this year
MINE324	Mineral Processing	6	Autumn

**List B**

<a href="#">ECTE213</a>	Engineering Electromagnetics	6	Spring
<a href="#">ECON101</a>	Macroeconomic Essentials for Business	6	Not offered in this year
<a href="#">ECON111</a>	Introductory Microeconomics	6	Not offered in this year
<a href="#">EESC204</a>	Introductory Spatial Science	6	Not offered in this year
<a href="#">GEOG222</a>	Society and Environment: Resources, Challenges, Futures	6	Spring
<a href="#">EESC252</a>	Geology for Engineers I	6	Spring
<a href="#">EESC302</a>	Coastal Environments: Process and Management	8	Not offered in this year
<a href="#">EESC303</a>	Fluvial Geomorphology and Sedimentology	8	Not offered in this year
<a href="#">ENGG477</a>	Ocean Engineering	6	Not offered in this year
<a href="#">LAW 101</a>	Law, Business and Society	6	Autumn
<a href="#">MECH341</a>	Thermodynamics of Engineering Systems	6	Autumn
<a href="#">PHYS295</a>	Astronomy - Concepts of the Universe	6	Spring
Or other approved General Elective.			

\* Electives may not be available every year - check subject timetable.

\*\* Scholars students must complete this subject. 18 credit point thesis is equivalent to the 12 credit point thesis and one 6 credit point elective.

## Professional Recognition/Accreditation

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relevant world engineering bodies through the Washington Accord. This ensures recognition by equivalent professional engineering bodies in the USA, UK, Hong Kong, Japan, New Zealand, Canada, South Africa, Ireland, Malaysia, Singapore and other countries.

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## Other Information

### Academic Program Director

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Engineering (Honours) (Materials Engineering) | 2019

Materials Engineering is a field focused on the design, selection and processing of engineering materials, including metals and alloys, polymers, ceramics and advanced composites. Materials innovations are often a central part of new product development and graduates of the Bachelor of Engineering (Honours) (Materials Engineering) will be prepared for careers in the primary materials processing and mining industries, careers related to the application of advanced materials in energy generation, transportation, energy storage and biomedical industries and in the manufacturing and fabrication industries. As a Washington Accord accredited program, graduates are qualified for employment in Materials Engineering roles in many other countries.

Under the supervision of experienced engineers, graduates will be capable of holding positions with significant responsibility. Graduate responsibilities are based on the selection, design and processing of engineering materials. Specific roles may include, but are not limited to: materials engineers contributing within teams for complex design projects and taking a lead role in material selection and optimisation; troubleshooting; testing; production management; failure analysis and prevention; and project and plant management. Graduates may have responsibilities around client and stakeholder relations; procurement; safe work practices; quality assurance in product delivery; reporting; and, consideration of standards, regulations and compliance. Graduates will have strong project and people management skills and may take on responsibility for overseeing teams, contractors and consultants within the first five years from graduation.

UOW has a long and successful history of innovation, industry collaboration, applied engineering research, and engineering consultancy. The practical engineering culture at UOW is reflected in its degree programs and graduates. Students studying the Bachelor of Engineering (Honours) (Materials Engineering) will have opportunities to apply knowledge to ethical challenges, innovation and problem solving in real-world focused projects in each year of the degree program. They are also able to engage with extra-curricular and co-curricular activities through the Work Integrated Learning program. The program is delivered through a range of study modes and assessment types, supported by digital technologies, to ensure graduates are flexible learners, well prepared to adapt to future challenges. Students also participate in multidisciplinary projects, providing them with opportunities to learn the language of engineering and the engineering methods applied in different disciplines. Graduates of the program leave UOW experienced in working in diverse teams, ready to integrate into the workforce. Further, UOW graduates are equipped with the skills to recognise opportunities for further learning and technical specialisation to adapt to changing industry requirements.

The course has been developed to support students from a range of educational and professional backgrounds, including international and domestic school leavers, certificate and diploma qualified individuals with experience in the engineering sector. Pathway programs are available to strengthen students' mathematics, science, and English language background prior to commencement. The program is best suited to those with an interest in working at the forefront of innovation, selecting and developing materials that make new and improved technologies possible.

Through the Bachelor of Engineering (Honours) (Materials Engineering) program, graduates will be prepared to make a significant contribution to society through innovation, creative thinking, and disciplinary expertise. Specifically, Materials Engineering graduates will be well placed to contribute to innovation in areas that support modern society such as biomaterials, energy storage materials, lightweight transportation, energy generation, primary processing and advanced manufacturing.

In the final years of the degree students can select from an exciting range of electives, and get involved in some of our world-class research through thesis projects. Cadetships are offered annually by Bluescope Steel Pty Ltd to students with superior academic results in their HSC. Students gain on the job experience and are paid while studying at University. On-line application forms are available from 1 July each year.

Double majors provide the knowledge and competencies to practice as a professional engineer in two engineering disciplines. This program is available by transfer only following completion of a successful first year of

study.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Structure

Students can select electives from a number of specialist areas. The subjects are grouped into streams to guide students on possible combinations within an area of interest. To offer the most up-to-date knowledge and practical skills in Materials industries and researches, the streams are closely linked to corresponding research strengths within or associated with Materials Engineering Discipline.

The associated strengths include: Engineering Materials Institute, BlueScope Steel Metallurgy Centre, Engineering Manufacturing, Defense Material Technology Centre, Institute for Superconducting & Electronic Materials, Intelligent Polymer Research Institute and the ARC Centre of Excellence for Electromaterials Science. Students are NOT required to select electives from a single stream.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">ENGG102</a>	Fundamentals of Engineering Mechanics	6	Autumn
<a href="#">ENGG103</a>	Materials in Design	6	Autumn
<a href="#">ENGG105</a>	Engineering Design for Sustainability	6	Autumn
<a href="#">MATH141</a>	Foundations of Engineering Mathematics	6	Autumn, Spring
<a href="#">ENGG100</a>	Engineering Computing and Analysis	6	Spring
<a href="#">PHYS143</a>	Physics For Engineers	6	Spring
<a href="#">MATH142</a>	Essentials of Engineering Mathematics	6	Spring, Summer 2019/2020

ENGG104	Electrical Systems	6	Spring
<b>Year 2</b>			
CHEM103	Chemistry for Engineering	6	Autumn
ENGG251	Mechanics of Solids	6	Autumn
MATE202	Thermodynamics and Phase Equilibria	6	Autumn
MATH283	Advanced Engineering Mathematics and Statistics	6	Autumn
MECH203	Mechanical Engineering Practices	0	Autumn
MATE201	Structure of Materials	6	Spring
MATE203	Phase Transformations	6	Spring
MATE204	Mechanical Behaviour of Materials	6	Spring
MATE205	Materials Characterisation Techniques	6	Spring
<b>Year 3</b>			
ENGG252	Engineering Fluid Mechanics	6	Autumn
MATE301	Engineering Alloys	6	Autumn
MATE306	Fracture, Failure and Degradation	6	Autumn
MATE381	Experimental Methods and Computing	6	Autumn
MATE302	Polymeric Materials	6	Spring
MATE303	Ceramics, Glasses and Refractories	6	Spring
MATE304	Transport Phenomena in Materials Processing	6	Spring

<a href="#">MATE305</a>	Primary Materials Processing	6	Spring
<b>Year 4</b>			
<a href="#">ENGG454</a>	Professional Experience	0	Annual, Autumn, Spring
<a href="#">ENGG461</a>	Managing Engineering Projects	6	Autumn
<a href="#">MATE402</a>	Secondary Materials Processing	6	Autumn
<a href="#">MATE401</a>	Selection of Materials in Engineering Design	6	Spring
Bachelor of Engineering (Honours) students must complete one of the two research options			
<a href="#">ENGG452</a>	Thesis A	12	Annual, Spring 2019/Autumn 2020
or			
<a href="#">ENGG453</a>	Thesis B	18	Annual, Spring 2019/Autumn 2020
Bachelor of Engineering (Honours) (Scholar) students must complete <a href="#">ENGG453</a>			
<a href="#">ENGG453</a>	Thesis B	18	Annual, Spring 2019/Autumn 2020
<b>Students must also complete:</b>			
Electives as specified below (not all electives are available every year - check subject timetables):		12 or 18	Autumn, Spring
For students in ENGG452: Any 3 electives			

For students in ENGG453: Any 2 electives			
<b>Materials Science and Technology</b>			
MATE413	Structural Characterisation Techniques	6	Autumn
ENGG457	Engineering Project B	6	Autumn, Spring
MATE433	Surface Engineering	6	Spring
<b>Metallurgical Processing</b>			
MATE422	Iron and Steelmaking	6	Autumn
ENGG457	Engineering Project B	6	Autumn
MINE324	Mineral Processing	6	Autumn
<b>Materials Forming and Manufacturing</b>			
MECH421	Manufacturing Process Analysis	6	Autumn
ENGG457	Engineering Project B	6	Autumn, Spring
ENGG434	Introduction to Materials Welding and Joining	6	Spring
<b>Advanced Functional Materials</b>			
MATE411	Advanced Materials and Processing	6	Autumn
MATE412	Electronic Materials	6	Spring
MATE433	Surface Engineering	6	Spring
ENGG457	Engineering Project B	6	Spring
<b>Sustainability in Materials Engineering</b>			
ENGG447	Advanced Building Design for Energy Efficiency and Sustainability	6	Autumn



<a href="#">ENGG378</a>	Sustainable Energy Technologies	6	Spring
<a href="#">ENGG457</a>	Engineering Project B	6	Autumn
<a href="#">ENGG446</a>	Energy Efficiency and Energy Auditing in the Built Environment	6	Not available in 2019
<a href="#">ENGG448</a>	Energy Efficiency in Manufacturing and Process Industries	6	Not available in 2019
<b>Additional Material Electives</b>			
<a href="#">CSCI291</a>	Programming for Engineers	6	Autumn
<a href="#">ENGG440</a>	Strategic Management of Engineering	6	Autumn
<a href="#">MINE416</a>	Mine Valuation	6	Autumn
<a href="#">ENGG439</a>	Engineering Logistics and Operations Management	6	Spring

## Professional Recognition/Accreditation

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UOW is a member of the Group of Eight (Go8) Deans of Engineering and Associates, in recognition of its being among the top Australian engineering faculties. This achievement is a direct result of our world class reputation in teaching and learning.

## Other Information

Further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or [Academic Program Director](#)

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Engineering (Honours) (Mechanical Engineering) | 2019

### Overview

Mechanical Engineering is a field focused on the design, manufacturing and operation of mechanical, fluid and thermal systems. Graduates of the Bachelor of Engineering (Honours) (Mechanical Engineering) will be prepared for careers in manufacturing – appliances consumer goods, metal processing; energy – renewable and conventional; transport – marine, rail, air; building services – ventilation, air-conditioning; water treatment facilities and utilities; materials handling and processing; health and pharmaceutical; defence; construction; and resources industries. As a Washington Accord accredited program, graduates are qualified for employment in Mechanical Engineering roles in many other countries.

Under supervision of experienced engineers, graduates will be capable of holding positions with significant responsibility. Specific roles may include, but are not limited to: design engineers contributing within teams for complex projects and taking a lead role in design work; troubleshooting, testing, analysis and verification of component and system performance; project management; and system commissioning. Graduates may have responsibilities around client and stakeholder relations; procurement; safe work practices; quality assurance in project delivery; reporting; and, consideration of standards, regulations and compliance. Graduates will have strong project and people management skills and may take on responsibility for overseeing teams, contractors and consultants within the first five years from graduation.

UOW has a long and successful history of innovation, industry collaboration, applied engineering research, and engineering consultancy. The practical engineering culture at UOW is reflected in its degree programs and graduates. Students studying the Bachelor of Engineering (Honours) (Mechanical Engineering) will have opportunities to apply knowledge to ethical challenges, innovation and problem solving in real-world focused projects in each year of the degree program. They are also able to engage with extra-curricular and co-curricular activities through the Work Integrated Learning program. The program is delivered through a range of study modes and assessment types, supported by digital technologies, to ensure graduates are flexible learners, well prepared to adapt to future challenges. Students also participate in multidisciplinary projects, providing them with opportunities to learn the language of engineering and the engineering methods applied in different disciplines. Graduates of the program leave UOW experienced in working in diverse teams, ready to integrate into the workforce. Further, UOW graduates are equipped with the skills to recognise opportunities for further learning and technical specialisation to adapt to changing industry requirements.

The course has been developed to support students from a range of educational and professional backgrounds, including international and domestic school leavers, certificate and diploma qualified individuals with experience in the engineering sector. Pathway programs are available to strengthen students' mathematics, science, and English language background prior to commencement. The program is best suited to those with an interest in mechanical devices, transport and energy technologies.

Through the Bachelor of Engineering (Honours) (Mechanical Engineering) program, graduates will be prepared to make a significant contribution to society through innovation, creative thinking, and disciplinary expertise. Specifically, Mechanical Engineering graduates will be well placed to contribute to innovation in areas that support modern society such as sustainable energy technologies, energy efficient buildings, emerging advanced manufacturing technologies, health and medical equipment, and transport technologies.

Cadetships are offered annually by Bluescope Steel Pty Ltd to students with superior academic results in their HSC. Students gain on the job experience and are paid while studying at University. On-line application forms are available from 1 July each year.

Mechanical Engineering has the broadest scope of all the branches of engineering, and graduates in this field have the core skills to adapt to other fields of engineering.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Structure

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">ENGG102</a>	Fundamentals of Engineering Mechanics	6	Autumn
<a href="#">ENGG103</a>	Materials in Design	6	Autumn
<a href="#">ENGG105</a>	Engineering Design for Sustainability	6	Autumn
<a href="#">MATH141</a>	Foundations of Engineering Mathematics	6	Autumn, Spring
<a href="#">ENGG100</a>	Engineering Computing and Analysis	6	Spring
<a href="#">PHYS143</a>	Physics For Engineers	6	Spring
<a href="#">MATH142</a>	Essentials of Engineering Mathematics	6	Spring, Summer 2019/2020
<a href="#">ENGG104</a>	Electrical Systems	6	Spring
<b>Year 2</b>			
<a href="#">CHEM103</a>	Chemistry For Engineering	6	Autumn
<a href="#">ENGG251</a>	Mechanics of Solids	6	Autumn
<a href="#">ENGG252</a>	Engineering Fluid Mechanics	6	Autumn
<a href="#">MATH283</a>	Advanced Engineering Mathematics and Statistics	6	Autumn
<a href="#">MECH203</a>	Mechanical Engineering Practice	0	Autumn

MECH201	Engineering Analysis	6	Spring
MECH215	Mechanical Engineering Design 1	6	Spring
MECH226	Machine Dynamics	6	Spring
MECH252	Thermodynamics, Experimental Methods and Analysis	6	Spring
<b>Year 3</b>			
MECH321	Dynamics of Engineering Systems	6	Autumn
MECH341	Thermodynamics of Engineering Systems	6	Autumn
MECH382	Manufacturing Engineering Principles	6	Autumn
MECH326	Dynamics of Mechanisms	6	Autumn
MECH311	Mechanical Engineering Design 2	6	Spring
MECH343	Heat Transfer and Aerodynamics	6	Spring
MECH365	Control of Machines and Processes	6	Spring
MECH372	Solids Handling and Process Engineering	6	Spring
<b>Year 4</b>			
MECH419	Finite Element Methods in Engineering	6	Autumn
ENGG461	Managing Engineering Projects	6	Autumn
ENGG454	Professional Experience	0	Annual, Autumn, Spring

**Bachelor of Engineering (Honours) students complete one of the following research options:**

<a href="#">ENGG452</a>	Thesis A	12	Annual, Spring 2019/Autumn 2020
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**or**

<a href="#">ENGG453</a>	Thesis B	18	Annual, Spring 2019/Autumn 2020
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Bachelor of Engineering (Honours) (Scholar) students complete [ENGG453](#)

<a href="#">ENGG453</a>	Thesis B	18	Annual, Spring 2019/Autumn 2020
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<b>PLUS electives as specified below:</b>	18 or 24	Autumn, Spring
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For students in ENGG452: Any 2 electives from List A and 2 electives from List A or B

For students in ENGG453: Any 1 elective from List A and 2 electives from List A or B

**List A**

<a href="#">CSCI291</a>	Programming for Engineers	6	Autumn
<a href="#">CIVL311</a>	Structural Design 1	6	Autumn
<a href="#">CIVL322</a>	Hydraulics and Hydrology	6	Autumn
<a href="#">ENGG202</a>	Introduction to the F SAE Project - Design, Technology & Management	6	Annual
<a href="#">ENGG447</a>	Advanced Building Design for Energy Efficiency and Sustainability	6	Autumn

ENGG440	Strategic Management of Engineering	6	Autumn
MECH409	Micro/Nano Robotic Systems	6	Autumn
MECH421	Manufacturing Process Analysis	6	Autumn
MECH426	Storage, Flow and Mechanical Conveying of Bulk Solids	6	Autumn
MECH474	Reliability Engineering	6	Autumn
MECH489	Engineering Asset Management	6	Autumn
CIVL314	Structural Design 2	6	Spring
CIVL463	Applied Geotechnical Engineering	6	Spring
ECTE213	Engineering Electromagnetics	6	Spring
ECTE471	Robotics and Flexible Automation	6	Spring
ENGG378	Sustainable Energy Technologies	6	Spring
ENGG433	Financial Management for Engineers	6	Spring
ENGG439	Engineering Logistics and Operations Management	6	Spring
ENVE221	Air and Noise Pollution Control Engineering	6	Spring
MATE302	Polymeric Materials	6	Spring
MATE401	Selection of Materials in Engineering Design	6	Spring
MECH423	Design for Manufacturing	6	Spring



MECH442	Sustainable Energy in Buildings	6	Spring
MECH470	Applied Topics in Mechatronics	6	Spring
MECH487	Systems Analysis for Maintenance Management	6	Spring
ENGG302	Infrastructure Systems	6	Not available in 2019
ENGG446	Energy Efficiency and Energy Auditing in the Built Environment	6	Not available in 2019
ENGG448	Energy Efficiency in Manufacturing and Process Industries	6	Not available in 2019
MECH422	Design and Analysis of Manufacturing Systems	6	Not available in 2019
ENGG477	Ocean Engineering	6	Autumn
MECH428	Pneumatic Conveying and Dust Control	6	Not available in 2019
MECH430	Automotive Dynamics	6	Not available in 2019
MECH431	Computational Fluid Dynamics	6	Not available in 2019
MECH468	Computer Control of Machines and Processes	6	Autumn
MECH438	Fluid Power	6	Not available in 2019
MECH479	Sustainable Transport and Engine Technologies	6	Not available in 2019
<b>List B</b>			
LAW 101	Law, Business and Society	6	Autumn

<a href="#">FREN151</a>	French for Beginners 1	6	Autumn
<a href="#">JAPA141</a>	Beginner Japanese 1	6	Autumn
<a href="#">ITAL151</a>	Italian for Beginners 1	6	Autumn
<a href="#">MAND151</a>	Chinese (Mandarin) for Beginners 1	6	Autumn
<a href="#">ECTE233</a>	Digital Hardware	6	Autumn
<a href="#">STS 302</a>	Climate Change Policy, Possible Futures	6	Autumn
<a href="#">SPAN151</a>	Spanish for Beginners 1	6	Autumn
<a href="#">PHIL256</a>	Environmental Philosophy: Animals, Nature and Ethics	6	Spring
<a href="#">PHYS295</a>	Astronomy - Concepts of the Universe	6	Spring
<a href="#">ECON102</a>	Economics and Society	6	Autumn, Spring
<a href="#">ECON100</a>	Economic Essentials for Business	6	Autumn, Spring
<a href="#">INDO151</a>	Introductory Indonesian 1A	6	Not available in 2019
<a href="#">PHIL218</a>	Ethics: Good, Bad and Evil	6	Spring
<a href="#">STS 216</a>	Environmental Sociology and Politics	6	Spring

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## Other Information

For further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or [Academic Program Director](#)

Last reviewed: 22 October, 2018

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# 2019 Undergraduate Courses

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Engineering (Honours) (Mechatronic Engineering) | 2019

### Overview

Mechatronic Engineering is a field focused on the integration of mechanical, electrical and computer systems. Graduates of the Bachelor of Engineering (Honours) (Mechatronic Engineering) will be prepared for careers in automation, intelligent manufacturing (traditional and additive), industrial robotics, machine design, and development of machine and process control systems. As a Washington Accord accredited program, graduates are qualified for employment in Mechatronic Engineering roles in many other countries.

Under supervision of experienced engineers, graduates will be capable of holding positions with significant responsibility. Graduate responsibilities are based on design, construction and maintenance of intelligent systems, control systems, and consumer products. Specific roles may include, but are not limited to: design and operation of automated systems and robots; contributing within teams for complex projects; taking a lead role in design work; undertaking testing, analysis and verification of system performance. Graduates also have responsibilities around client and stakeholder relations; procurement; quality assurance in project delivery; reporting; and, consideration of standards, regulations and compliance. Graduates will have strong project and people management skills and may take on responsibility for overseeing teams, contractors and consultants within the first five years from graduation.

UOW has a long and successful history of innovation, industry collaboration,

applied engineering research, and engineering consultancy. The practical engineering culture at UOW is reflected in its degree programs and graduates. Students studying the Bachelor of Engineering (Honours) (Mechatronic Engineering) will have opportunities to apply knowledge to ethical challenges and real-world focused projects in each year of the degree program and engage with extra-curricular and co-curricular activities through the Work Integrated Learning program. The program is delivered through a range of study modes and assessment types, supported by digital technologies, to ensure graduates are flexible learners, well prepared to adapt to future challenges. Students also participate in multidisciplinary projects, providing them with opportunities to learn the language of engineering and the engineering methods applied in different disciplines. Graduates of the program leave UOW experienced in working in diverse teams, ready to integrate into the workforce.

The course has been developed to support students from a range of educational and professional backgrounds, including international and domestic school leavers, certificate and diploma qualified individuals with experience in the engineering sector. Pathway programs are available to strengthen students' mathematics, science, and English language background prior to commencement. The program is best suited to those with an interest in mechanical devices, electronics, and computing.

Through the Bachelor of Engineering (Honours) (Mechatronic Engineering) program, graduates will be prepared to make a significant contribution to society through innovation, creative thinking, and disciplinary expertise. Specifically, Mechatronic Engineering graduates will be well placed to contribute to technological innovation and development of emerging technologies, and implement these to address challenges of social, economic and environmental sustainability in the engineering industry.

Double degrees are also available.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Structure

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">ENGG102</a>	Fundamentals of	6	Autumn

	Engineering Mechanics		
ENGG103	Materials in Design	6	Autumn
ENGG105	Engineering Design for Sustainability	6	Autumn
MATH141	Foundations of Engineering Mathematics	6	Autumn, Spring
ENGG100	Engineering Computing and Analysis	6	Spring
PHYS143	Physics For Engineers	6	Spring
MATH142	Essentials of Engineering Mathematics	6	Spring, Summer 2019/2020
ENGG104	Electrical Systems	6	Spring
<b>Year 2</b>			
MECH203	Mechanical Engineering Practices	0	Autumn
CSCI291	Programming for Engineers	6	Autumn
ECTE233	Digital Hardware	6	Autumn
ENGG251	Mechanics of Solids	6	Autumn
MATH283	Advanced Engineering Mathematics and Statistics	6	Autumn
ECTE203	Signals and Systems	6	Spring
MECH215	Mechanical Engineering Design 1	6	Spring
MECH226	Machine Dynamics	6	Spring
MECH252	Thermodynamics, Experimental Methods and Analysis	6	Spring

<b>Year 3</b>			
ECTE333	Microcontroller Architecture and Applications	6	Annual
ECTE350	Engineering Design and Management 3	6	Annual
ECTE202	Circuits and Systems	6	Autumn
ENGG252	Engineering Fluid Mechanics	6	Autumn
MECH382	Manufacturing Engineering Principles	6	Autumn
ECTE344	Control Theory	6	Spring
ECTE212	Electronics	6	Spring
MECH311	Mechanical Engineering Design 2	6	Spring
<b>Year 4</b>			
ENGG454	Professional Experience	0	Annual, Autumn, Spring
ECTE301	Digital Signal Processing	6	Autumn
ECTE324	Power Engineering 1	6	Autumn
ENGG461	Managing Engineering Projects	6	Autumn
ECTE471	Robotics and Flexible Automation	6	Spring
<b>Bachelor of Engineering (Honours) students complete ONE of the following options:</b>			
ECTE451	Engineering Project 1	6	Autumn, Spring
ECTE458	Engineering Project 2	12	Autumn, Spring

<b>Or</b>			
<a href="#">ENGG452</a>	Thesis A	12	Annual, Spring 2019/Autumn 2020
<b>Or</b>			
<a href="#">ENGG453</a>	Thesis B	18	Annual, Spring 2019/Autumn 2020
Bachelor Engineering (Honours) (Scholar) students complete <a href="#">ENGG453</a>			
<a href="#">ENGG453</a>	Thesis B	18	Annual, Spring 2019/Autumn 2020
<b>PLUS electives as specified in the Mechatronics elective lists below:</b>			
For students in <a href="#">ECTE451</a> and ECTE458: 1 elective from List A or List B			
For students in ENGG452: 1 electives from List A and 1 elective from List A or List B			
For students in ENGG453: 1 elective from List A or List B			
<b>List A</b>			
<a href="#">MECH419</a>	Finite Element Methods in Engineering	6	Autumn
<a href="#">MECH409</a>	Micro/Nano Robotic Systems	6	Autumn
<a href="#">ECTE401</a>	Multimedia Signal Processing	6	Autumn
<a href="#">ECTE433</a>	Embedded Systems	6	Autumn
<a href="#">ECTE213</a>	Engineering Electromagnetics	6	Spring
<a href="#">ENGG434</a>	Introduction to Materials	6	Spring



	Welding and Joining		
ENGG378	Sustainable Energy Technologies	6	Spring
ENGG439	Engineering Logistics and Operations Management	6	Spring
MECH423	Design for Manufacturing	6	Spring
MECH470	Applied Topics in Mechatronics	6	Spring
ECTE432	Computer Architecture	6	Spring
ECTE465	Wireless Communication Systems	6	Spring
ENGG302	Infrastructure Systems	6	Not available in 2019
MECH428	Pneumatic Conveying and Dust Control	6	Not available in 2019
ECTE431	Real-Time Computing	6	Not available in 2019
<b>List B</b>			
MEDI111	Introduction to Anatomy and Physiology I	6	Autumn
FREN151	French for Beginners 1	6	Autumn
ITAL151	Italian for Beginners 1	6	Autumn
JAPA141	Beginner Japanese 1	6	Autumn
LAW 101	Law, Business and Society	6	Autumn
MAND151	Chinese (Mandarin) for Beginners 1	6	Autumn
PHIL256	Environmental Philosophy: Animals, Nature and Ethics	6	Spring
PHYS295	Astronomy - Concepts of	6	Spring

	the Universe		
<a href="#">SPAN151</a>	Spanish for Beginners 1	6	Autumn
<a href="#">STS 302</a>	Climate Change Policy, Possible Futures	6	Autumn
<a href="#">ECON100</a>	Economic Essentials for Business	6	Autumn, Spring
<a href="#">ECON102</a>	Economics and Society	6	Autumn, Spring
<a href="#">INDO151</a>	Introductory Indonesian 1A	6	Not available in 2019
<a href="#">PHIL218</a>	Ethics: Good, Bad and Evil	6	Spring
<a href="#">STS 216</a>	Environmental Sociology and Politics	6	Spring
<a href="#">PHIL256</a>	Environmental Philosophy: Animals, Nature and Ethics	6	Spring

## Professional Recognition/Accreditation

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## Other Information

For further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or [Academic Program Director](#)

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# 2019 Undergraduate Courses

Home

□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Engineering (Honours) (Mining Engineering) | 2019

### Overview

Mining Engineers are professionals who apply science, geoscience, engineering and technology to the efficient exploration and extraction of minerals from the earth, turning raw materials into valuable products. The other important area is mining safety, where knowledge of mine design and practices ensures the safety of workers, efficient extraction, and remediation at the end of the mine's life.

Following the first year of core subjects the course focuses on mining engineering and the design of engineering structures, with emphasis on mining methods, ventilation, environmental engineering, rock mechanics, computer applications, mineral beneficiation, mining economics and industrial management. The final sessions of the course are professionally orientated with the inclusion of subjects such as Mine Planning, Occupational Health and Safety aspects of Mining, Geostatistics and the Environmental Impact of Mineral Operations.

The degree can be combined with Environmental or Civil Engineering in second year. Double degrees are also available.

### Course Structure

Subject	Subject Name	Credit	Session(s)
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Code		Points	
<b>Year 1</b>			
ENGG102	Fundamentals of Engineering Mechanics	6	Autumn
ENGG103	Materials in Design	6	Autumn
ENGG105	Engineering Design for Sustainability	6	Autumn
MATH141	Foundations of Engineering Mathematics	6	Autumn, Spring
ENGG100	Engineering Computing and Analysis	6	Spring
ENGG104	Electrical Systems	6	Spring
MATH142	Essentials of Engineering Mathematics	6	Spring, Summer 2019/2020
PHYS143	Physics For Engineers	6	Spring
<b>Year 2</b>			
ENGG251	Mechanics of Solids	6	Autumn
ENGG252	Engineering Fluid Mechanics	6	Autumn
MATH283	Advanced Engineering Mathematics and Statistics	6	Autumn
MINE211	Surface Mining Methods	6	Autumn
MINE220	Underground Mining Methods	6	Spring
CIVL272	Surveying	6	Spring
EESC252	Geology for Engineers I	6	Spring
MINE234	Computer Applications in Mining Engineering	6	Spring

<b>Year 3</b>			
<a href="#">CIVL361</a>	Geomechanics	6	Autumn
<a href="#">MINE312</a>	Mine Ventilation	6	Autumn
<a href="#">MINE322</a>	Foundations of Mine Planning	6	Autumn
<a href="#">MINE324</a>	Mineral Processing	6	Autumn
<a href="#">MINE323</a>	Mining Geomechanics	6	Spring
<a href="#">MINE333</a>	Resource Estimation	6	Not Available in 2019
<b>Plus: two elective as specified below</b>			
<b>Year 4</b>			
<a href="#">ENGG461</a>	Managing Engineering Projects	6	Autumn
<a href="#">MINE411</a>	Health & Safety in Mines	6	Spring
<a href="#">MINE416</a>	Mine Valuation	6	Autumn
<a href="#">MINE422</a>	Mine Planning and Development	6	Spring
<a href="#">ENGG454</a>	Professional Experience	0	Annual, Autumn, Spring
<b>Complete one of the following research options: noting <a href="#">ENGG453</a> is compulsory for Scholars students</b>			
<a href="#">ENGG452</a>	Thesis A	12	Annual, Spring 2019/Autumn 2020
<b>or</b>			
<a href="#">ENGG453</a>	Thesis B	18	Annual, Spring 2019/Autumn 2020

<b>Plus electives as specified below</b>			
<b>Electives listed below*</b>			
<b>For students in ENGG452: 2 electives from List A and 2 elective from List A or B</b>			
<b>For students in ENGG453: 2 elective from List A and 1 elective from List A or B</b>			
<b>List A</b>			
<a href="#">CHEM103</a>	Chemistry For Engineering	6	Autumn
<a href="#">CSCI291</a>	Programming for Engineers	6	Autumn
<a href="#">MINE313</a>	Mine Power and Transport	6	Not available in 2019
<a href="#">CIVL201</a>	Computer Modelling in Civil Engineering	6	Spring
<a href="#">CIVL462</a>	Principles of Foundation Engineering	6	Autumn
<a href="#">ENVE410</a>	Site Remediation Engineering	6	Spring
<a href="#">ENVE220</a>	Water Quality and Ecological Engineering	6	Spring
<a href="#">ENVE221</a>	Air and Noise Pollution Control Engineering	6	Spring
<a href="#">ENGG302</a>	Infrastructure Systems	6	Not available in 2019
<a href="#">ENGG439</a>	Engineering Logistics and Operations Management	6	Spring
<a href="#">ENGG440</a>	Strategic Management of Engineering	6	Autumn
<a href="#">ENGG457</a>	Engineering Project B	6	Spring
<b>List B</b>			

ECTE213	Engineering Electromagnetics	6	Spring
ENGG446	Energy Efficiency and Energy Auditing in the Built Environment	6	Not available in 2019
ENGG447	Advanced Building Design for Energy Efficiency and Sustainability	6	Autumn
ENGG448	Energy Efficiency in Manufacturing and Process Industries	6	Not available in 2019
ENGG477	Ocean Engineering	6	Not Available in 2019
ECON100	Economic Essentials for Business	6	Autumn, Spring
ECON102	Economics and Society	6	Autumn, Spring
EESC105	Introductory Geospatial Analysis	6	Autumn, Spring
EESC306	Resources and Environments	6	Spring
PHYS295	Astronomy - Concepts of the Universe	6	Spring
SPAN151	Spanish for Beginners 1	6	Autumn
<b>or other approved General Elective.</b>			

\* Electives may not be available every year - check subject timetable.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Professional Recognition/Accreditation



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## Other Information

For further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or [Academic Program Director](#)

Last reviewed: 7 November, 2018

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# 2019 Undergraduate Courses

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Engineering (Honours) (Telecommunications Engineering) | 2019

Telecommunications Engineering is a field focused on design, development, and operation telecommunications systems, from single building networks to satellite systems. Graduates of the Bachelor of Engineering (Honours) (Telecommunications Engineering) will be prepared for careers in public and private sectors that deal with the transmission of data and information through telecommunications networks, such as telephony, NBN, mobile telecommunications, television, radio and other media broadcasting infrastructure, as well as defense, space and security industries. As a Washington Accord accredited program, graduates are qualified for employment in Telecommunications Engineering roles in many other countries.

Under supervision of experienced engineers, graduates will be capable of holding positions with significant responsibility for design and operation of telecommunications systems. Specific roles may include, but are not limited to: design of sensing and detection systems, such as those found in self-driving vehicles; operation of mobile phone and broadband network infrastructure; design of integrated communications and control system networks in smart buildings; design and operation of micro satellites and satellite communication systems; design and operation of optical networks, including land based or international sub-marine optical fiber networks; design of signal processing systems; and media and entertainment industry. Graduates will contribute within teams for complex projects and may take a lead role in design work, troubleshooting, testing, analysis and verification of

component and system performance, project management, and system commissioning. Graduates may have responsibilities around client and stakeholder relations; procurement; safe work practices; quality assurance in project delivery; reporting; and, consideration of standards, regulations and compliance. Graduates will have strong project and people management skills and may take on responsibility for overseeing teams, contractors and consultants within the first five years from graduation.

UOW has a long and successful history of innovation, industry collaboration, applied engineering research, and engineering consultancy. The practical engineering culture at UOW is reflected in its degree programs and graduates. Students studying the Bachelor of Engineering (Honours) (Telecommunications Engineering) will have opportunities to consider ethical and social challenges relating to engineering, and develop innovative solutions in real-world focused projects in each year of the degree program. They are also able to develop strong professional skills through extra-curricular and co-curricular activities in the Work Integrated Learning program. The degree program is delivered through a range of study modes and assessment types, supported by digital technologies, to ensure graduates are flexible learners, well prepared to adapt to future challenges. Students also participate in multidisciplinary projects, providing them with opportunities to learn the language of engineering and the engineering methods applied in different disciplines. Graduates of the program leave UOW experienced in working in diverse teams, ready to integrate into the workforce. Further, UOW graduates are equipped with the skills to recognise opportunities for further learning and technical specialisation to adapt to changing industry requirements.

The course has been developed to support students from a range of educational and professional backgrounds, including international and domestic school leavers, certificate and diploma qualified individuals with experience in the engineering sector. Pathway programs are available to strengthen students' mathematics, science, and English language background prior to commencement. The program is best suited to those with an interest in mobile technologies, electronic devices, and coding. Through the Bachelor of Engineering (Honours) (Telecommunications Engineering) program, graduates will be prepared to make a significant contribution to society through innovation, creative thinking, and disciplinary expertise. Telecommunications Engineers will be well placed to contribute to innovation in areas that support the connectivity of modern society from personal communication systems to critical national and international telecommunications infrastructure.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as

eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Structure

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">ENGG102</a>	Fundamentals of Engineering Mechanics	6	Autumn
<a href="#">ENGG103</a>	Materials in Design	6	Autumn
<a href="#">ENGG105</a>	Engineering Design for Sustainability	6	Autumn
<a href="#">MATH141</a>	Foundations of Engineering Mathematics	6	Autumn, Spring
<a href="#">ENGG104</a>	Electrical Systems	6	Spring
<a href="#">ENGG100</a>	Engineering Computing and Analysis	6	Spring
<a href="#">MATH142</a>	Essentials of Engineering Mathematics	6	Spring, Summer 2019/2020
<a href="#">PHYS143</a>	Physics For Engineers	6	Spring
<b>Year 2</b>			
<a href="#">ECTE202</a>	Circuits and Systems	6	Autumn
<a href="#">CSCI291</a>	Programming for Engineers	6	Autumn
<a href="#">ECTE233</a>	Digital Hardware	6	Autumn
<a href="#">MATH283</a>	Advanced Engineering Mathematics and Statistics	6	Autumn
<a href="#">ECTE203</a>	Signals and Systems	6	Spring
<a href="#">ECTE212</a>	Electronics	6	Spring

<a href="#">ECTE213</a>	Engineering Electromagnetics	6	Spring
<a href="#">ECTE250</a>	Engineering Design and Management 2	6	Spring
<b>Year 3</b>			
<a href="#">ECTE333</a>	Microcontroller Architecture and Applications	6	Annual
<a href="#">ECTE350</a>	Engineering Design and Management 3	6	Annual
<a href="#">ECTE399</a>	Professional Experience <sup>^</sup>	0	Autumn, Spring
<a href="#">ECTE301</a>	Digital Signal Processing	6	Autumn
<a href="#">ECTE363</a>	Communication Systems	6	Autumn
<a href="#">ECTE324</a>	Power Engineering 1	6	Autumn
<a href="#">ECTE344</a>	Control Theory	6	Spring
<a href="#">ECTE364</a>	Data Communications	6	Spring
<a href="#">ECTE331</a>	Real-time Embedded Systems	6	Spring
<sup>^</sup> Students may complete <a href="#">FEIS400</a> as an alternative option for Professional Experience, which can be counted towards a Minor in <a href="#">Engineering Innovation and Entrepreneurship</a>			
<a href="#">FEIS400</a>	Lean Engineering Start Up	12	Summer 2019/2020
<b>Year 4</b>			
<a href="#">ECTE451</a>	Engineering Project 1	6	Autumn, Spring
<a href="#">ECTE458</a>	Engineering Project 2	12	Autumn, Spring
<a href="#">ECTE469</a>	Queuing Theory and	6	Spring

	Optimization		
<b>Plus</b>			
2 Telecommunications Engineering Major Subjects		12	Autumn, Spring
1 <a href="#">List A SECTE Electives</a> subject		6	Autumn, Spring
1 <a href="#">List SECTE Electives</a> OR <a href="#">List B General Electives</a> subject*		6	Autumn, Spring
*Bachelor of Engineering Scholar (Honours) students must complete <a href="#">ECTE355</a> instead of the 1 List B General Electives subject			
<a href="#">ECTE355</a>	Scholars Project	6	Autumn, Spring

## Telecommunication Major Subjects

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">ECTE401</a>	Multimedia Signal Processing	6	Autumn
<a href="#">ECTE482</a>	Network Engineering	6	Autumn
<a href="#">ECTE465</a>	Wireless Communication Systems	6	Spring

\* Scholars students must complete [ECTE355](#) Scholars Project instead of a General Schedule Elective. Students must seek enrolment advice in their Third year.

## List A SECTE Electives Subjects

Subjects appearing on the [List A SECTE Electives](#) Subjects list will only count as either a Major Subject or an Elective Subject.

Unless class numbers warrant, not all Elective Subjects will be offered in any one year.

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## Other Information

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Last reviewed: 18 June, 2019

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# 2019 Undergraduate Courses

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Engineering (Honours) (Civil and Environmental Engineering) | 2019

### Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

### Course Structure

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">ENGG102</a>	Fundamentals of Engineering Mechanics	6	Autumn
<a href="#">ENGG103</a>	Materials in Design	6	Autumn
<a href="#">ENGG105</a>	Engineering Design for Sustainability	6	Autumn
<a href="#">MATH141</a>	Foundations of Engineering Mathematics	6	Autumn, Spring



ENGG100	Engineering Computing and Analysis	6	Spring
ENGG104	Electrical Systems	6	Spring
MATH142	Essentials of Engineering Mathematics	6	Spring, Summer 2019/2020
PHYS143	Physics For Engineers	6	Spring
<b>Year 2</b>			
CHEM103	Chemistry For Engineering	6	Autumn
ENGG251	Mechanics of Solids	6	Autumn
ENGG252	Engineering Fluid Mechanics	6	Autumn
MATH283	Advanced Engineering Mathematics and Statistics	6	Autumn
CIVL245	Construction Materials	6	Spring
CIVL272	Surveying	6	Spring
EESC252	Geology for Engineers I	6	Spring
ENVE220	Water Quality and Ecological Engineering	6	Spring
<b>Year 3</b>			
CIVL322	Hydraulics and Hydrology	6	Autumn
CIVL361	Geomechanics	6	Autumn
ENVE311	Pollution Control and Cleaner Production	6	Autumn
ENVE377	Membrane Science and Technology	6	Autumn
ENVE320	Environmental Engineering Design for Sustainability	6	Spring
CHEM214	Analytical and Environmental Chemistry	6	Spring

ENVE221	Air and Noise Pollution Control Engineering	6	Spring
CIVL201	Computer Modelling in Civil Engineering	6	Spring
<b>Year 4</b>			
CIVL311	Structural Design 1	6	Autumn
CIVL352	Structures 1	6	Autumn
ENVE420	Water Resources Engineering	6	Autumn
ENVE421	Environmental Engineering Design 2	6	Spring
CIVL314	Structural Design 2	6	Spring
CIVL394	Construction	6	Spring
ENGG378	Sustainable Energy Technologies	6	Spring
Plus ONE elective from List A of the Civil or Environmental Engineering elective subjects		6	Autumn
<b>Year 5</b>			
CIVL462	Principles of Foundation Engineering	6	Autumn
ENGG461	Managing Engineering Projects	6	Autumn
CIVL458	Fundamentals of Construction Management	6	Spring
CIVL444	Civil Engineering Design	6	Spring
ENVE410	Site Remediation Engineering	6	Spring
ENGG454	Professional Experience	0	Annual, Autumn,

			Spring
Bachelor of Engineering (Honours) students must complete ONE of the following two research options:			
<a href="#">ENGG452</a>	Thesis A	12	Annual, Spring 2019/Autumn 2020
OR			
<a href="#">ENGG453</a>	Thesis B	18	Annual, Spring 2019/Autumn 2020
Bachelor of Engineering (Honours) (Scholar) students must complete <a href="#">ENGG453</a>			
<a href="#">ENGG453</a>	Thesis B	18	Annual, Spring 2019/Autumn 2020
Plus ONE elective from List A of the Civil or Environmental Engineering elective subjects 6 Autumn			

\* 18 credit point thesis is equivalent to the 12 credit point thesis and one 6 credit point elective.

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## Other Information

Academic Program Director

Civil: A/Prof Neaz Sheikh Email: [msheikh@uow.edu.au](mailto:msheikh@uow.edu.au)

Environmental: A/Prof Muttucumaru Sivakumar Email: [siva@uow.edu.au](mailto:siva@uow.edu.au)

The Academic program Director may change every session. Please contact the faculty for more information.

Email: [eis@uow.edu.au](mailto:eis@uow.edu.au)

Last reviewed: 15 October, 2018

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# 2019 Undergraduate Courses

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Engineering (Honours) (Civil and Mining Engineering) | 2019

### Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

### Course Structure

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">ENGG102</a>	Fundamentals of Engineering Mechanics	6	Autumn
<a href="#">ENGG103</a>	Materials in Design	6	Autumn
<a href="#">ENGG105</a>	Engineering Design for Sustainability	6	Autumn
<a href="#">MATH141</a>	Foundations of Engineering Mathematics	6	Autumn, Spring

<a href="#">ENGG100</a>	Engineering Computing and Analysis	6	Spring
<a href="#">ENGG104</a>	Electrical Systems	6	Spring
<a href="#">PHYS143</a>	Physics For Engineers	6	Spring
<a href="#">MATH142</a>	Essentials of Engineering Mathematics	6	Spring, Summer 2019/2020
<b>Year 2</b>			
<a href="#">CHEM103</a>	Chemistry For Engineering	6	Autumn
<a href="#">MINE211</a>	Surface Mining Methods	6	Autumn
<a href="#">ENGG251</a>	Mechanics of Solids	6	Autumn
<a href="#">MATH283</a>	Advanced Engineering Mathematics and Statistics	6	Autumn
<a href="#">CIVL245</a>	Construction Materials	6	Spring
<a href="#">CIVL272</a>	Surveying	6	Spring
<a href="#">EESC252</a>	Geology for Engineers I	6	Spring
<a href="#">MINE220</a>	Underground Mining Methods	6	Spring
<b>Year 3</b>			
<a href="#">CIVL311</a>	Structural Design 1	6	Autumn
<a href="#">CIVL361</a>	Geomechanics	6	Autumn
<a href="#">MINE312</a>	Mine Ventilation	6	Autumn
<a href="#">ENGG252</a>	Engineering Fluid Mechanics	6	Autumn
<a href="#">MINE324</a>	Mineral Processing	6	Autumn
<a href="#">CIVL201</a>	Computer Modelling in Civil Engineering	6	Spring

<a href="#">CIVL314</a>	Structural Design 2	6	Spring
<a href="#">MINE234</a>	Computer Applications in Mining Engineering	6	Spring
<b>Year 4</b>			
<a href="#">CIVL322</a>	Hydraulics and Hydrology	6	Autumn
<a href="#">CIVL352</a>	Structures 1	6	Autumn
<a href="#">MINE322</a>	Foundations of Mine Planning	6	Autumn
<a href="#">CIVL394</a>	Construction	6	Spring
<a href="#">CIVL458</a>	Fundamentals of Construction Management	6	Spring
<a href="#">MINE323</a>	Mining Geomechanics	6	Spring
<a href="#">MINE333</a>	Resource Estimation	6	Not Available in 2019
<a href="#">MINE411</a>	Health & Safety in Mines	6	Spring
<b>Year 5</b>			
<a href="#">CIVL462</a>	Principles of Foundation Engineering	6	Autumn
<a href="#">MINE416</a>	Mine Valuation	6	Autumn
<a href="#">ENGG461</a>	Managing Engineering Projects	6	Autumn
<a href="#">MINE422</a>	Mine Planning and Development	6	Spring
<a href="#">CIVL444</a>	Civil Engineering Design	6	Spring
<a href="#">ENGG454</a>	Professional Experience	0	Annual, Autumn, Spring
<b>Bachelor of Engineering (Honours) students complete ONE of the following two research options:</b>			

<a href="#">ENGG452</a>	Thesis A	12	Annual, Spring 2019/Autumn 2020
<b>OR</b>			
<a href="#">ENGG453</a>	Thesis B	18	Annual, Spring 2019/Autumn 2020
<b>Bachelor of Engineering Scholar (Honours) students complete <a href="#">ENGG453</a></b>			
<a href="#">ENGG453</a>	Thesis B	18	Annual, Spring 2019/Autumn 2020
<b>For students in ENGG452: ONE electives from List A of the Civil or Mining Engineering elective subjects.</b>			
<b>For students completing <a href="#">ENGG453</a> you are not required to complete an elective</b>			

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## Other Information

### Academic Program Director

Double major students are required to consult with the [Academic Program Directors](#) from both majors for the pattern of study.

Email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or contact [Academic Program Directors](#)



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# 2019 Undergraduate Courses

Home

Students are to follow the requirements of the **Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Engineering (Honours) (Computer and Telecommunications Engineering) | 2019

### Course Structure

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">ENGG100</a>	Engineering Computing and Analysis	6	Spring
<a href="#">ENGG102</a>	Fundamentals of Engineering Mechanics	6	Autumn
<a href="#">ENGG103</a>	Materials in Design	6	Autumn
<a href="#">MATH141</a>	Foundations of Engineering Mathematics	6	Autumn, Spring
<a href="#">ENGG104</a>	Electrical Systems	6	Spring
<a href="#">ENGG105</a>	Engineering Design for Sustainability	6	Autumn

MATH142	Essentials of Engineering Mathematics	6	Spring, Summer 2019/2020
PHYS143	Physics For Engineers	6	Spring
<b>Year 2</b>			
ECTE202	Circuits and Systems	6	Autumn
ECTE233	Digital Hardware	6	Autumn
CSCI291	Programming for Engineers	6	Autumn
MATH283	Advanced Engineering Mathematics and Statistics	6	Autumn
ECTE203	Signals and Systems	6	Spring
ECTE212	Electronics	6	Spring
ECTE213	Engineering Electromagnetics	6	Spring
ECTE250	Engineering Design and Management 2	6	Spring
<b>Year 3</b>			
ECTE333	Microcontroller Architecture and Applications	6	Annual
ECTE350	Engineering Design and Management 3	6	Annual
ECTE399	Professional Experience <sup>^</sup>	0	Autumn, Spring
ECTE301	Digital Signal Processing	6	Autumn
ECTE324	Power Engineering 1	6	Autumn
ECTE363	Communication Systems	6	Autumn
ECTE331	Real-time Embedded Systems	6	Spring

<a href="#">ECTE344</a>	Control Theory	6	Spring
<a href="#">ECTE364</a>	Data Communications	6	Spring
^Students may complete <a href="#">FEIS400</a> as an alternative option for Professional Experience, which can be counted towards a Minor in <a href="#">Engineering Innovation and Entrepreneurship</a>			
<a href="#">FEIS400</a>	Lean Engineering Start Up	12	Summer 2019/2020
<b>Year 4</b>			
<a href="#">ECTE432</a>	Computer Architecture	6	Spring
<a href="#">ECTE469</a>	Queuing Theory and Optimization	6	Spring
<b>PLUS</b> 2 <a href="#">Computer Engineering</a> Major Subjects		12	Autumn, Spring
<i>AND</i> 2 <a href="#">Telecommunications Engineering</a> Major Subjects		12	Autumn, Spring
<i>AND</i> 2 <a href="#">List A SECTE Electives</a> subjects		12	Autumn, Spring
<b>Year 5</b>			
<a href="#">ECTE451</a>	Engineering Project 1	6	Autumn, Spring
<a href="#">ECTE458</a>	Engineering Project 2	12	Autumn, Spring
<b>PLUS</b> 3 <a href="#">List A SECTE Electives</a> subjects		18	Autumn, Spring
<i>AND</i> 2 <a href="#">List B General Electives</a> subjects		12	Autumn, Spring

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

# Professional Recognition/Accreditation

UOW's engineering programs are accredited by [Engineers Australia](#) and relevant world engineering bodies through the Washington Accord. This ensures recognition by equivalent professional engineering bodies in the USA, UK, Hong Kong, Japan, New Zealand, Canada, South Africa, Ireland, Korea, Malaysia, Singapore and other countries.

UOW is a member of the Group of Eight (Go8) Deans of Engineering and Associates, in recognition of its being among the top Australian engineering faculties. This achievement is a direct result of our world class reputation in teaching and research.

## Other Information

For further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or [Academic Program Director](#)

Last reviewed: 15 October, 2018

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# 2019 Undergraduate Courses

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Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Engineering (Honours) (Electrical and Computer Engineering) | 2019

### Course Structure

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">ENGG102</a>	Fundamentals of Engineering Mechanics	6	Autumn
<a href="#">ENGG103</a>	Materials in Design	6	Autumn
<a href="#">ENGG105</a>	Engineering Design for Sustainability	6	Autumn
<a href="#">MATH141</a>	Foundations of Engineering Mathematics	6	Autumn, Spring
<a href="#">ENGG100</a>	Engineering Computing and Analysis	6	Spring
<a href="#">ENGG104</a>	Electrical Systems	6	Spring

MATH142	Essentials of Engineering Mathematics	6	Spring, Summer 2019/2020
PHYS143	Physics For Engineers	6	Spring
<b>Year 2</b>			
ECTE202	Circuits and Systems	6	Autumn
ECTE233	Digital Hardware	6	Autumn
CSCI291	Programming for Engineers	6	Autumn
MATH283	Advanced Engineering Mathematics and Statistics	6	Autumn
ECTE203	Signals and Systems	6	Spring
ECTE212	Electronics	6	Spring
ECTE213	Engineering Electromagnetics	6	Spring
ECTE250	Engineering Design and Management 2	6	Spring
<b>Year 3</b>			
ECTE333	Microcontroller Architecture and Applications	6	Annual
ECTE350	Engineering Design and Management 3	6	Annual
ECTE301	Digital Signal Processing	6	Autumn
ECTE324	Power Engineering 1	6	Autumn
ECTE363	Communication Systems	6	Autumn
ECTE399	Professional Experience <sup>^</sup>	0	Autumn, Spring
ECTE323	Power Engineering 2	6	Spring



<a href="#">ECTE344</a>	Control Theory	6	Spring
<a href="#">ECTE364</a>	Data Communications	6	Spring
^Students may complete <a href="#">FEIS400</a> as an alternative option for Professional Experience, which can be counted towards a Minor in <a href="#">Engineering Innovation and Entrepreneurship</a>			
<a href="#">FEIS400</a>	Lean Engineering Start Up	12	Summer 2019/2020
<b>Year 4</b>			
<a href="#">ECTE331</a>	Real-time Embedded Systems	6	Spring
<a href="#">ECTE432</a>	Computer Architecture	6	Spring
<b>PLUS</b> 3 <a href="#">Electrical Engineering</a> Major subjects		18	Autumn, Spring
AND 2 <a href="#">Computer Engineering</a> Major subjects		12	Autumn, Spring
AND 1 <a href="#">List A SECTE Electives</a> subject		6	Autumn, Spring
<b>Year 5</b>			
<a href="#">ECTE451</a>	Engineering Project 1	6	Autumn, Spring
<a href="#">ECTE458</a>	Engineering Project 2	12	Autumn, Spring
<b>PLUS</b> 3 <a href="#">List A SECTE Electives</a> subjects		18	Autumn, Spring
AND 2 <a href="#">List B General Electives</a> subjects		12	Autumn, Spring

## Entry Requirements & Credit Arrangements

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# 2019 Undergraduate Courses

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Engineering (Honours) (Electrical and Telecommunications Engineering) | 2019

### Course Structure

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">ENGG102</a>	Fundamentals of Engineering Mechanics	6	Autumn
<a href="#">ENGG103</a>	Materials in Design	6	Autumn
<a href="#">ENGG105</a>	Engineering Design for Sustainability	6	Autumn
<a href="#">MATH141</a>	Foundations of Engineering Mathematics	6	Autumn, Spring
<a href="#">ENGG100</a>	Engineering Computing and Analysis	6	Spring
<a href="#">ENGG104</a>	Electrical Systems	6	Spring

MATH142	Essentials of Engineering Mathematics	6	Spring, Summer 2019/2020
PHYS143	Physics For Engineers	6	Spring
<b>Year 2</b>			
ECTE202	Circuits and Systems	6	Autumn
ECTE233	Digital Hardware	6	Autumn
CSCI291	Programming for Engineers	6	Autumn
MATH283	Advanced Engineering Mathematics and Statistics	6	Autumn
ECTE203	Signals and Systems	6	Spring
ECTE212	Electronics	6	Spring
ECTE213	Engineering Electromagnetics	6	Spring
ECTE250	Engineering Design and Management 2	6	Spring
<b>Year 3</b>			
ECTE333	Microcontroller Architecture and Applications	6	Annual
ECTE350	Engineering Design and Management 3	6	Annual
ECTE301	Digital Signal Processing	6	Autumn
ECTE324	Power Engineering 1	6	Autumn
ECTE363	Communication Systems	6	Autumn
ECTE399	Professional Experience <sup>^</sup>	0	Autumn, Spring
ECTE344	Control Theory	6	Spring

<a href="#">ECTE364</a>	Data Communications	6	Spring
<a href="#">ECTE323</a>	Power Engineering 2	6	Spring
Students may complete <a href="#">FEIS400</a> as an alternative option for Professional Experience, which can be counted towards a Minor in <a href="#">Engineering Innovation and Entrepreneurship</a>			
<a href="#">FEIS400</a>	Lean Engineering Start Up	12	Summer 2019/2020
<b>Year 4</b>			
<a href="#">ECTE331</a>	Real-time Embedded Systems	6	Spring
<a href="#">ECTE469</a>	Queuing Theory and Optimization	6	Spring
<b>PLUS</b> 3 <a href="#">Electrical Engineering</a> Major subjects		18	Autumn, Spring
<b>AND</b> 2 <a href="#">Telecommunications Engineering</a> Major subjects		12	Autumn, Spring
<b>AND</b> 1 <a href="#">List A SECTE Electives</a> subject		6	Autumn, Spring
<b>Year 5</b>			
<a href="#">ECTE451</a>	Engineering Project 1	6	Autumn, Spring
<a href="#">ECTE458</a>	Engineering Project 2	12	Autumn, Spring
<b>PLUS</b> 3 <a href="#">List A SECTE Electives</a> subjects		18	Autumn, Spring
<b>AND</b> 2 <a href="#">List B General Electives</a> subjects		12	Autumn, Spring

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

# Professional Recognition/Accreditation

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# 2019 Undergraduate Courses

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## Bachelor of Engineering (Honours) (Mechanical and Materials Engineering) | 2019

### Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

### Course Structure

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">ENGG102</a>	Fundamentals of Engineering Mechanics	6	Autumn
<a href="#">ENGG103</a>	Materials in Design	6	Autumn
<a href="#">ENGG105</a>	Engineering Design for Sustainability	6	Autumn
<a href="#">MATH141</a>	Foundations of Engineering Mathematics	6	Autumn, Spring

ENGG100	Engineering Computing and Analysis	6	Spring
PHYS143	Physics For Engineers	6	Spring
MATH142	Essentials of Engineering Mathematics	6	Spring, Summer 2019/2020
ENGG104	Electrical Systems	6	Spring
<b>Year 2</b>			
CHEM103	Chemistry For Engineering	6	Autumn
MECH203	Mechanical Engineering Practices	0	Autumn
ENGG251	Mechanics of Solids	6	Autumn
MATH283	Advanced Engineering Mathematics and Statistics	6	Autumn
MATE202	Thermodynamics and Phase Equilibria	6	Autumn
MATE205	Materials Characterisation Techniques	6	Spring
MECH226	Machine Dynamics	6	Spring
MECH201	Engineering Analysis	6	Spring
MECH215	Mechanical Engineering Design 1	6	Spring
<b>Year 3</b>			
MECH321	Dynamics of Engineering Systems	6	Autumn
MATE306	Fracture, Failure and Degradation	6	Autumn
ENGG252	Engineering Fluid Mechanics	6	Autumn



MECH326	Dynamics of Mechanisms	6	Autumn
MATE201	Structure of Materials	6	Spring
MATE203	Phase Transformations	6	Spring
MATE204	Mechanical Behaviour of Materials	6	Spring
MECH365	Control of Machines and Processes	6	Spring
<b>Plus one of the following subjects</b>			
MATE381	Experimental Methods and Computing	6	Autumn
MECH252	Thermodynamics, Experimental Methods and Analysis	6	Spring
<b>Year 4</b>			
MECH341	Thermodynamics of Engineering Systems	6	Autumn
MECH382	Manufacturing Engineering Principles	6	Autumn
MATE301	Engineering Alloys	6	Autumn
MATE302	Polymeric Materials	6	Spring
MATE303	Ceramics, Glasses and Refractories	6	Spring
MECH311	Mechanical Engineering Design 2	6	Spring
MECH343	Heat Transfer and Aerodynamics	6	Spring
MECH372	Solids Handling and Process Engineering	6	Spring
<b>Year 5</b>			

<a href="#">ENGG461</a>	Managing Engineering Projects	6	Autumn
<a href="#">MECH419</a>	Finite Element Methods in Engineering	6	Autumn
<a href="#">MATE402</a>	Secondary Materials Processing	6	Autumn
<a href="#">MATE304</a>	Transport Phenomena in Materials Processing	6	Spring
<a href="#">MATE305</a>	Primary Materials Processing	6	Spring
<a href="#">MATE401</a>	Selection of Materials in Engineering Design	6	Spring
<a href="#">ENGG454</a>	Professional Experience	0	Annual, Autumn, Spring
<b>Bachelor of Engineering (Honours) students must complete ONE of the following two research options</b>			
<a href="#">ENGG452</a>	Thesis A	12	Annual, Spring 2019/Autumn 2020
<a href="#">ENGG453</a>	Thesis B	18	Annual, Spring 2019/Autumn 2020
<b>Bachelor of Engineering (Honours) (Scholar) students must complete <a href="#">ENGG453</a></b>			
<a href="#">ENGG453</a>	Thesis B	18	Annual, Spring 2019/Autumn 2020

Please note that this double major requires students to complete 6 credit points over the 240 credit points.

## Professional Recognition/Accreditation

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## Other Information

### Academic Program Directors:

Double major students are required to consult with the [Academic Program Directors](#) from both majors for the pattern of study.

For further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or [Academic Program Directors](#).

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# 2019 Undergraduate Courses

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## Bachelor of Engineering (Honours) (Mechanical and Mining Engineering) | 2019

### Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

### Course Structure

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">ENGG102</a>	Fundamentals of Engineering Mechanics	6	Autumn
<a href="#">ENGG103</a>	Materials in Design	6	Autumn
<a href="#">ENGG105</a>	Engineering Design for Sustainability	6	Autumn
<a href="#">MATH141</a>	Foundations of Engineering Mathematics	6	Autumn, Spring

ENGG100	Engineering Computing and Analysis	6	Spring
MATH142	Essentials of Engineering Mathematics	6	Spring, Summer 2019/2020
ENGG104	Electrical Systems	6	Spring
PHYS143	Physics For Engineers	6	Spring
<b>Year 2</b>			
CHEM103	Chemistry For Engineering	6	Autumn
MECH203	Mechanical Engineering Practices	0	Autumn
ENGG251	Mechanics of Solids	6	Autumn
ENGG252	Engineering Fluid Mechanics	6	Autumn
MATH283	Advanced Engineering Mathematics and Statistics	6	Autumn
MECH252	Thermodynamics, Experimental Methods and Analysis	6	Spring
EESC252	Geology for Engineers I	6	Spring
MECH201	Engineering Analysis	6	Spring
MINE220	Underground Mining Methods	6	Spring
<b>Year 3</b>			
MINE211	Surface Mining Methods	6	Autumn
MINE312	Mine Ventilation	6	Autumn
MECH321	Dynamics of Engineering Systems	6	Autumn

<a href="#">CIVL361</a>	Geomechanics	6	Autumn
<a href="#">CIVL272</a>	Surveying	6	Spring
<a href="#">MECH215</a>	Mechanical Engineering Design 1	6	Spring
<a href="#">MECH226</a>	Machine Dynamics	6	Spring
<a href="#">MECH365</a>	Control of Machines and Processes	6	Spring
<b>Year 4</b>			
<a href="#">MECH419</a>	Finite Element Methods in Engineering	6	Autumn
<a href="#">MECH341</a>	Thermodynamics of Engineering Systems	6	Autumn
<a href="#">MECH382</a>	Manufacturing Engineering Principles	6	Autumn
<a href="#">MECH326</a>	Dynamics of Mechanisms	6	Autumn
<a href="#">MINE322</a>	Foundations of Mine Planning	6	Autumn
<a href="#">MECH311</a>	Mechanical Engineering Design 2	6	Spring
<a href="#">MINE323</a>	Mining Geomechanics	6	Spring
<a href="#">MINE324</a>	Mineral Processing	6	Autumn
<a href="#">MECH343</a>	Heat Transfer and Aerodynamics	6	Spring
<b>Year 5</b>			
<a href="#">ENGG454</a>	Professional Experience	0	Annual, Autumn, Spring
<a href="#">ENGG461</a>	Managing Engineering Projects	6	Autumn
<a href="#">MINE411</a>	Health & Safety in Mines	6	Autumn,

			Spring
<a href="#">MINE416</a>	Mine Valuation	6	Autumn
<a href="#">MINE422</a>	Mine Planning and Development	6	Spring
<a href="#">MINE333</a>	Resource Estimation	6	Autumn
<a href="#">MECH372</a>	Solids Handling and Process Engineering	6	Spring
<b>Bachelor of Engineering (Honours) students must complete ONE of the following two research options:</b>			
<a href="#">ENGG452</a>	Thesis A	12	Annual, Spring 2019/Autumn 2020
<b>Or</b>			
<a href="#">ENGG453</a>	Thesis B	18	Annual, Spring 2019/Autumn 2020
<b>Bachelor of Engineering (Honours) (Scholar) students must complete <a href="#">ENGG453</a></b>			
<a href="#">ENGG453</a>	Thesis B	18	Annual, Spring 2019/Autumn 2020

Please note that this double major in Mechanical and Mining Engineering requires students to complete more credit points (cp), that the 246 cp to complete and will require 254 cp, when students complete ENGG453. Any questions should be directed towards the Academic Program Director.

## Professional Recognition/Accreditation

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## Other Information

### Academic Program Director

Mechanical: Dr Buyung Kosasih

Email: [buyung@uow.edu.au](mailto:buyung@uow.edu.au)

Mining: A/PR Ernest Baafi

Email: [ebaafi@uow.edu.au](mailto:ebaafi@uow.edu.au)

The Academic Program Directors may change every session. Please contact the faculty for more information.

Email: [eis@uow.edu.au](mailto:eis@uow.edu.au)

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## Bachelor of Engineering (Honours) (Mining and Environmental Engineering) | 2019

### Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

### Course Structure

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">ENGG102</a>	Fundamentals of Engineering Mechanics	6	Autumn
<a href="#">ENGG103</a>	Materials in Design	6	Autumn
<a href="#">ENGG105</a>	Engineering Design for Sustainability	6	Autumn
<a href="#">MATH141</a>	Foundations of Engineering Mathematics	6	Autumn, Spring

<a href="#">ENGG100</a>	Engineering Computing and Analysis	6	Spring
<a href="#">ENGG104</a>	Electrical Systems	6	Spring
<a href="#">MATH142</a>	Essentials of Engineering Mathematics	6	Spring, Summer 2019/2020
<a href="#">PHYS143</a>	Physics For Engineers	6	Spring
<b>Year 2</b>			
<a href="#">CHEM103</a>	Chemistry For Engineering	6	Autumn
<a href="#">ENGG251</a>	Mechanics of Solids	6	Autumn
<a href="#">ENGG252</a>	Engineering Fluid Mechanics	6	Autumn
<a href="#">MATH283</a>	Advanced Engineering Mathematics and Statistics	6	Autumn
<a href="#">MINE220</a>	Underground Mining Methods	6	Spring
<a href="#">ENVE220</a>	Water Quality and Ecological Engineering	6	Spring
<a href="#">EESC252</a>	Geology for Engineers I	6	Spring
<a href="#">CHEM214</a>	Analytical and Environmental Chemistry	6	Spring
<b>Year 3</b>			
<a href="#">CIVL361</a>	Geomechanics	6	Autumn
<a href="#">ENVE377</a>	Membrane Science and Technology	6	Autumn
<a href="#">ENVE311</a>	Pollution Control and Cleaner Production	6	Autumn
<a href="#">MINE211</a>	Surface Mining Methods	6	Autumn
<a href="#">MINE324</a>	Mineral Processing	6	Autumn

<a href="#">CIVL272</a>	Surveying	6	Spring
<a href="#">ENVE221</a>	Air and Noise Pollution Control Engineering	6	Spring
<a href="#">MINE333</a>	Resource Estimation	6	Not Available in 2019
<b>Year 4</b>			
<a href="#">CIVL322</a>	Hydraulics and Hydrology	6	Autumn
<a href="#">CIVL462</a>	Principles of Foundation Engineering	6	Autumn
<a href="#">MINE312</a>	Mine Ventilation	6	Autumn
<a href="#">MINE322</a>	Foundations of Mine Planning	6	Autumn
<a href="#">MINE323</a>	Mining Geomechanics	6	Spring
<a href="#">ENGG378</a>	Sustainable Energy Technologies	6	Spring
<a href="#">ENVE320</a>	Environmental Engineering Design for Sustainability	6	Spring
<a href="#">ENVE410</a>	Site Remediation Engineering	6	Spring
<b>Year 5</b>			
<a href="#">ENGG461</a>	Managing Engineering Projects	6	Autumn
<a href="#">ENVE420</a>	Water Resources Engineering	6	Autumn
<a href="#">MINE416</a>	Mine Valuation	6	Autumn
<a href="#">MINE411</a>	Health & Safety in Mines	6	Spring
<a href="#">ENVE421</a>	Environmental Engineering Design 2	6	Spring

<a href="#">MINE422</a>	Mine Planning and Development	6	Spring
<a href="#">ENGG454</a>	Professional Experience	0	Annual, Autumn, Spring
<b>Students must complete ONE of the following two subjects:</b>			
<a href="#">ENGG452</a>	Thesis A	12	Annual, Spring 2019/Autumn 2020
<b>OR</b>			
<a href="#">ENGG453</a>	Thesis B	18	Annual, Spring 2019/Autumn 2020

Please note that this double major in Mining and Environmental Engineering requires students to complete more credit points (cp) than the 240cp when students complete [ENGG453](#) Thesis B, student who take [ENGG453](#) will complete 246cp to graduate.

Any questions should be directed towards the [Academic Program Director](#).

## Professional Recognition/Accreditation

UOW's engineering programs are accredited by [Engineers Australia](#) and relevant world engineering bodies through the Washington Accord. This ensures recognition by equivalent professional engineering bodies in the USA, UK, Hong Kong, Japan, New Zealand, Canada, South Africa, Ireland, Korea, Malaysia, Singapore and other countries.

UOW is a member of the Group of Eight (Go8) Deans of Engineering and Associates, in recognition of its being among the top Australian engineering faculties. This achievement is a direct result of our world class reputation in teaching and research.

## Other Information

### Academic Program Director

Double major students are required to consult with the [Academic Program Directors](#) from both majors for the pattern of study

Email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or [Academic Program Directors](#)

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Engineering (Honours) (Mining and Materials Engineering) | 2019

### Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

### Course Structure

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">ENGG102</a>	Fundamentals of Engineering Mechanics	6	Autumn
<a href="#">ENGG103</a>	Materials in Design	6	Autumn
<a href="#">ENGG105</a>	Engineering Design for Sustainability	6	Autumn
<a href="#">MATH141</a>	Foundations of Engineering	6	Autumn, Spring



	Mathematics		
ENGG100	Engineering Computing and Analysis	6	Spring
ENGG104	Electrical Systems	6	Spring
MATH142	Essentials of Engineering Mathematics	6	Spring, Summer 2019/2020
PHYS143	Physics For Engineers	6	Spring
<b>Year 2</b>			
CHEM103	Chemistry For Engineering	6	Autumn
MECH203	Mechanical Engineering Practices	0	Autumn
MATE202	Thermodynamics and Phase Equilibria	6	Autumn
MINE211	Surface Mining Methods	6	Autumn
MATH283	Advanced Engineering Mathematics and Statistics	6	Autumn
MINE220	Underground Mining Methods	6	Spring
MATE201	Structure of Materials	6	Spring
MATE205	Materials Characterisation Techniques	6	Spring
CIVL272	Surveying	6	Spring
EESC252	Geology for Engineers I	6	Spring
<b>Year 3</b>			
ENGG251	Mechanics of Solids	6	Autumn
ENGG252	Engineering Fluid Mechanics	6	Autumn

<a href="#">CIVL361</a>	Geomechanics	6	Autumn
<a href="#">MINE312</a>	Mine Ventilation	6	Autumn
<a href="#">MINE323</a>	Mining Geomechanics	6	Autumn
<a href="#">MINE324</a>	Mineral Processing	6	Autumn
<a href="#">MATE203</a>	Phase Transformations	6	Spring
<a href="#">MATE204</a>	Mechanical Behaviour of Materials	6	Spring
<b>Year 4</b>			
<a href="#">MATE301</a>	Engineering Alloys	6	Autumn
<a href="#">MATE306</a>	Fracture, Failure and Degradation	6	Autumn
<a href="#">MATE381</a>	Experimental Methods and Computing	6	Autumn
<a href="#">MINE416</a>	Mine Valuation	6	Autumn
<a href="#">MINE322</a>	Foundations of Mine Planning	6	Autumn
<a href="#">MINE333</a>	Resource Estimation	6	Autumn
<a href="#">MATE302</a>	Polymeric Materials	6	Spring
<a href="#">MATE303</a>	Ceramics, Glasses and Refractories	6	Spring
<a href="#">MATE305</a>	Primary Materials Processing	6	Spring
<b>Year 5</b>			
<a href="#">ENGG461</a>	Managing Engineering Projects	6	Autumn
<a href="#">MATE402</a>	Secondary Materials Processing	6	Autumn
<a href="#">MINE411</a>	Health & Safety in Mines	6	Spring

<a href="#">MINE422</a>	Mine Planning and Development	6	Spring
<a href="#">MATE401</a>	Selection of Materials in Engineering Design	6	Spring
<a href="#">MATE304</a>	Transport Phenomena in Materials Processing	6	Spring
<a href="#">ENGG454</a>	Professional Experience	0	Annual, Autumn, Spring
<b>Bachelor of Engineering (Honours) students must complete ONE of the following two research options:</b>			
<a href="#">ENGG452</a>	Thesis A	12	Annual, Spring 2019/Autumn 2020
<b>OR</b>			
<a href="#">ENGG453</a>	Thesis B	18	Annual, Spring 2019/Autumn 2020
<b>Bachelor of Engineering (Honours) (Scholar) students must complete ENGG453:</b>			
<a href="#">ENGG453</a>	Thesis B	18	Annual, Spring 2019/Autumn 2020

Please note that this double major in Mining and Materials Engineering requires students to complete more credit points (cp) than the 240cp for a standard engineering double major - it will require 258 cp with [ENGG452](#) and 264 cp with [ENGG453](#). Any questions should be directed towards the Academic Program Director.

## Professional Recognition/Accreditation

UOW's engineering programs are accredited by [Engineers Australia](#) and relevant world engineering bodies through the Washington Accord. This ensures recognition by equivalent professional engineering bodies in the USA, UK, Hong Kong, Japan, New Zealand, Canada, South Africa, Ireland, Korea, Malaysia, Singapore and other countries.

UOW is a member of the Group of Eight (Go8) Deans of Engineering and Associates, in recognition of being among the top Australian engineering faculties. This achievement is a direct result of our world class reputation in teaching and research.

## Other Information

### Academic Program Director

Mining - A/Prof Ernest Baafi

Email: [ebaafi@uow.edu.au](mailto:ebaafi@uow.edu.au)

Materials - Prof Madeleine Du Toit

Email: [mdt@uow.edu.au](mailto:mdt@uow.edu.au)

The Academic Program Director may change every session. Please contact the faculty for more information.

Email: [eis@uow.edu.au](mailto:eis@uow.edu.au)

Last reviewed: 27 September, 2018

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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Engineering (Honours) - Bachelor of Science | 2019

Testamur Title of Degree:	Bachelor of Engineering (Honours) - Bachelor of Science
Abbreviation:	BE(Hons)-BSc
UOW Course Code:	1867
CRICOS Code:	083346J
Total Credit Points:	264
Duration:	5-5.5 years full-time or part-time equivalent
Home Faculty:	Faculty of Engineering and Information Sciences
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 751624

## Overview

The Bachelor of Engineering (Honours) - Bachelor of Science combines professional engineering skills, including management, communications, teamwork and problem solving, with a major study in Science. It is a combination of any of the engineering majors with Chemistry, Biological Science, Geography or Geology.

Double degrees aim to broaden a student's knowledge and skill base and improve career options in competitive, increasingly interactive fields. The programs are designed to enhance a student's educational, academic and professional qualifications whilst minimising the costs of their studies. Students must seek advice and approval from both Faculties before enrolment.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

The outcomes, which are common and consolidated in this joint degree, ensure that on successful completion of the course students will be able to:

CLO	Description
1	Demonstrate sound disciplinary knowledge
2	Exercise critical judgement in a professional environment.
3	Communicate effectively to a range of audiences through a range of mediums.
4	Demonstrate and draw on disciplinary concepts and skills to solve problems.

Please refer to the [Undergraduate Course Handbook](#) page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

Students enrolled in the [Bachelor of Engineering \(Honours\) - Bachelor of](#)

**Science** must complete a total of 264 credit points made up of:

1. At least 192 credit points of Engineering subjects, consisting of:
  - Bachelor of Engineering (Honours) - Core Subjects;
  - Subjects leading to at least one of the majors\* from the Bachelor of Engineering (Honours):
  - At least 12 weeks of approved professional engineering experience during the course\*\*
2. At least 72 credit points of Science subjects, consisting of
  - Subject leading to at least one of the majors\* from the Bachelor of Science
3. No more than 60 credit points shall be for 100-level subjects.
  - \*Depending on the major chosen, students may require the completion of additional credit points.
  - \*\*Part-time students completing a major in Civil, Environmental, Materials, Mechanical, Mechatronic or Mining Engineering, and in an approved full-time engineering employment may be exempted from up to three specified subjects.

Students enrolled in the Bachelor of Science who satisfy entry requirements may be eligible to apply for the Bachelor of Science (Honours). See program coordinator for more information.

## Compulsory Work Placement / Online Components

This course contains a total of 420 hours over 12 weeks of compulsory work-based placements. This course may also contain compulsory components to be completed online.

## Professional Recognition/Accreditation

UOW's engineering programs are accredited by [Engineers Australia](#) and relevant world engineering bodies through the Washington Accord. This ensures recognition by equivalent professional engineering bodies in the USA, UK, Hong Kong, Japan, New Zealand, Canada, South Africa, Ireland, Korea, Malaysia, Singapore and other countries.

UOW is a member of the Group of Eight (Go8) Deans of Engineering and Associates, in recognition of its being among the top Australian engineering faculties. This achievement is a direct result of our world class reputation in teaching and research.

## Other Information

For further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or [Academic Program Director](#)



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# 2019 Postgraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Master of Engineering | 2019

Testamur Title of Degree:	Master of Engineering
Abbreviation:	MEng
UOW Course Code:	423
CRICOS Code:	083844B
Total Credit Points:	96
Duration:	2 years full-time or part-time equivalent
Home Faculty:	Faculty of Engineering and Information Sciences
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus:	Wollongong

## Overview

The Master of Engineering delivers expert skills and applied competencies required for the professional engineer.

It is designed to train and enhance professional practice, advance technical and specialist skills, and provide an opportunity to put theory into practice with applied projects and research. The degree also delivers communication, strategic and project management skills essential to the practising engineer.

UOW is a member of the Group of Eight (Go8) Deans of Engineering and Associates, in recognition of being among the top Australian engineering faculties. This achievement is a direct result of our world class reputation in teaching and research.

The Master of Engineering is professionally accredited by Engineers Australia, apart from the Asset Management, and Management specialisations.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Research and synthesise key information, and apply expert judgement in engineering design and project planning.
2	Interpret information and communication knowledge, ideas and procedures to both expert and non-expert audiences.
3	Employ independent learning strategies to update own knowledge in the field and keep pace with innovations in engineering techniques, industry trends and standards.

## Course Structure

Students in the Master of Engineering must complete the requirements of one of the following specialisations, to a total of 96 credit points:

- [Asset Management](#)
-

## Management

- Civil Engineering
- Computer Engineering
- Electrical Engineering
- Environmental Engineering
- Innovative Manufacturing
- Materials Engineering
- Mechanical Engineering
- Mechatronic Engineering
- Mining Engineering
- Telecommunications Engineering

## Professional Recognition

The Master of Engineering is professionally accredited by Engineers Australia, apart from the Asset Management, and Management specialisations.

## Other Information

For further information please email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or [Academic Program Director](#)

Last reviewed: 24 April, 2018

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# 2019 Postgraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Master of Philosophy | 2019

Testamur Title of Degree:	Master of Philosophy
Abbreviation:	MPhil
UOW Course Code:	1352
CRICOS Code:	078366C
Total Credit Points:	96
Duration:	2 years full-time or part-time equivalent
Home Faculty:	Faculty of Engineering and Information Sciences
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus
Delivery Campus:	Wollongong Innovation Campus (Wollongong)

## Overview

The Master of Philosophy provides specialised research training for students preparing for a career in academia, government and industry; and to provide practising engineers with the means to increase their knowledge and upgrade their qualifications.

The Master of Philosophy comprises 24 credit points of coursework and a 72 credit point thesis. Academic Units may award advanced standing for the coursework component and will determine the appropriate entry point.

Visit UOW's [Research & Innovation](#) website for information regarding the University's research activity, research strengths, scholarships and services. For specific information relating to research being undertaken within the Faculty of Engineering and Information Sciences, visit the Faculty's [research pages](#) and the [Doctor of Philosophy](#) page which provides a list of research expertise in the Faculty.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Demonstrate cognitive, technical and creative skills in a discipline area to plan and execute a substantial piece of research that makes a contribution to knowledge;
2	Demonstrate mastery of theoretical knowledge and critically reflect on, synthesise and evaluate complex information, problems, concepts, and theories;
3	Communicate a coherent and sustained argument, explaining and disseminating research results and conclusions to peers and to the community;
4	Apply advanced knowledge of research, research integrity, ethics and the rights and safety of others, to plan and execute a substantial piece of research with a high level of autonomy, accountability, adaptability and responsibility for personal outputs.

## Course Structure

The degree is composed of a 72 credit point research thesis and 24 credit points of coursework. The coursework component of the degree, which must be completed before the research thesis, will include 24 credit points of 400/900 level subjects, approved by the Head of School and the Head of Postgraduate Studies. As part of the coursework component, it is recommended that each international candidate complete Fundamentals for HDR Writing ( [RESH900](#)), unless waived by the Head of Postgraduate Studies.

Students should consult the [Doctor of Philosophy \(Integrated\)](#) handbook page for a list of coursework subjects in their selected specialisation. Students must seek advice from the respective Head of Postgraduate Studies.

In the research component, which comprises 72 credit points, candidates complete a research thesis. Candidates enrol in a full time (THES924 for 24cp) or part time (THES912 for 12cp) thesis subject each session. The thesis component represents 1.5 years of full-time study (or equivalent) for students.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Coursework Component</b>			
400- or 900-level subjects as approved		24	Autumn, Spring
Choose ONE of the following two subjects:			
<a href="#">THES924</a>	Thesis Full Time	24	Autumn, Spring
<a href="#">THES912</a>	Thesis Part Time	12	Autumn, Spring

Plus one of the following elective subjects may be chosen:

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">RESH802</a>	Responsible Research	6	Autumn
<a href="#">GWP 800</a>	Global Workplace	6	Spring



For more information, visit the [Work Integrated Learning](#) website.

## Research Areas

Areas of research available to candidates undertaking the Master of Philosophy with the Faculty of Engineering and Information Sciences are listed under each of the Faculty's disciplines along with a list of research projects in each discipline:

- [Mathematics and Applied Statistics](#)
- [Physics](#)
- [Computer Science and Information Technology](#)
- [Civil, Mining and Environmental Engineering](#)
- [Electrical, Computer and Telecommunications Engineering](#)
- [Mechanical, Materials and Mechatronic Engineering](#)

A transfer from the Master of Philosophy to a [Doctor of Philosophy](#) may be possible after successful completion of the coursework, and at least 9 months of the thesis component. Refer to the [HDR Handbook](#) for further details.

Candidates who wish to withdraw from the Master of Philosophy and apply for entry to a postgraduate coursework degree may receive up to 24 credit points of advanced standing.

## Other Information

For further information please email: [eis@uow.edu.au](mailto:eis@uow.edu.au)

Last reviewed: 29 October, 2018

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# 2019 Postgraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Doctor of Philosophy | 2019

Testamur Title of Degree:	Doctor of Philosophy
Abbreviation:	PhD
UOW Course Code:	220
CRICOS Code:	Engineering - 087634B Information Science - 087636M Mathematics - 087637K Physics - 087635A
Total Credit Points:	192
Duration:	4 years full-time or part-time equivalent
Home Faculty:	Faculty of Engineering and Information Sciences
Intake Session(s):	Autumn/Spring
Delivery Mode:	Individual supervised research
Delivery Campus:	Wollongong

## Overview

Doctor of Philosophy (PhD) candidates undertake in-depth research in order to make an original contribution to the body of knowledge in a chosen field of study. This qualification can lead to, or enhance, an academic career and is also highly regarded by public and private sector employers.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Demonstrate expert, specialised cognitive technical and research skills in a discipline area to independently and systematically generate original knowledge and understanding to make a substantial scholarly contribution to a discipline.
2	Critically reflect on, synthesis and evaluate a substantial and complex body of knowledge at the frontier of a discipline area.
3	Communicate research findings, explaining and critiquing theoretical propositions, methodologies, results and conclusions to peers and to the community.
4	Apply detailed knowledge of research, research integrity, ethics and the rights and safety of others, to plan and execute original research with intellectual independence and with full autonomy, authoritative judgement, adaptability and responsibility for personal outputs.

## Course Structure

This program is 100% by thesis. Candidates enrol in a 48 credit point thesis subject and repeat the same enrolment for each year of study, usually over four years of full-time study. Students may be required to attend lectures in relevant topics from time to time throughout the program.

Subject Code	Subject Name	Credit Points	Session(s)

THES924	Thesis Full Time	24	Autumn, Spring
or			
THES912	Thesis Part Time	12	Autumn, Spring

## Research Areas

Areas of research available to candidates undertaking the PhD with the Faculty of Engineering and Information Sciences are listed under each of the Faculty's disciplines along with a list of research projects in each discipline:

- [Mathematics and Applied Statistics](#)
- [Physics](#)
- [Computer Science and Information Technology](#)
- [Engineering](#)
  - [Civil, Mining and Environmental Engineering](#)
  - [Electrical, Computer and Telecommunications Engineering](#)
  - [Mechanical, Materials and Mechatronics Engineering](#)

## Other Information

It is possible to downgrade enrolment from a PhD to a Master of Philosophy, with the permission of the Head of School.

For further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au)

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# 2019 Postgraduate Courses

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Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Doctor of Philosophy (Integrated) | 2019

Testamur Title of Degree:	Doctor of Philosophy (Integrated)
Abbreviation:	PhD(Int)
UOW Course Code:	210
CRICOS Code:	074738A - Mathematics & Applied Statistics 094537M - Physics & Medical Radiation Physics 072793K - Information & Communication Technology 072905G - Engineering (Civil, Environmental, Materials, Mechanical, Mechatronics & Mining) 074737B - Engineering (Electrical, Computer & Telecommunications)
Total Credit Points:	192
Duration:	4 years full-time or part-time equivalent
Home Faculty:	Faculty of Engineering and Information Sciences

Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus
Delivery Campus:	Wollongong

## Overview

The Doctor of Philosophy (Integrated) is a four-year research degree which incorporates a traditional three-year PhD thesis with one year of coursework subjects, combining generic research training and discipline-specific content into a single degree.

The coursework, which is undertaken in the first year of the degree, comprises research training skills and individual coursework subjects. Research skills are tailored for each faculty, but typically include: research methodology; literature review, critical analysis, or laboratory projects; and advanced topics or a minor research project. The individual subjects are normally chosen from options within the Masters by Coursework degrees within the relevant faculty, thereby allowing students to obtain deeper content knowledge in a specific discipline area.

International students intending to become university researchers and teachers in their home country will benefit from exposure to Australian teaching methods through these subjects.

The research component is the same as for the three-year PhD program, leading to the production of a written thesis which involves a significant contribution to a field of knowledge.

In order to progress to the research component, PhD Integrated students must complete the first year with an average of 75%, including 75% in each research training skills subject. Students progressing to the research component will have developed their specific research topic before commencing the research component. For research areas that the Faculty specialises in please see the [PhD handbook](#) entry.

Visit [Research and Innovation](#) for more information regarding the course structure.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).



# Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Demonstrate expert, specialised cognitive technical and research skills in a discipline area to independently and systematically generate original knowledge and understanding to make a substantial scholarly contribution to a discipline;
2	Critically reflect on, synthesise and evaluate a substantial and complex body of knowledge at the frontier of a discipline area;
3	Communicate research findings, explaining and critiquing theoretical propositions, methodologies, results and conclusions to peers and to the community;
4	Apply detailed knowledge of research, research integrity, ethics and the rights and safety of others, to plan and execute original research with intellectual independence and with full autonomy, authoritative judgement, adaptability and responsibility for personal outputs.

## Course Structure

### Year 1

Candidates will be required to complete a total of 48 credit points of coursework subjects consisting of a selection of research training and relevant discipline subjects which support the intended area of research. The 48 credit points of coursework subjects must be completed before the commencement of the thesis.

PhD (Integrated) Subject Lists:

- ▣ [Engineering](#)
- ▣ [Information & Communication Technology](#)
- ▣ [Mathematics & Applied Statistics](#)
- ▣ [Physics & Medical Radiation Physics](#)

Continuation to the PhD thesis will be dependent upon successful completion of the coursework component with a Weighted Average Mark (WAM) of at least 75%, including a WAM of 75% in each research training skills subject.

### Year 2-4

Subject Code	subject Name	Credit Points	Session(s)
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Students must complete ONE of the following two subjects:			
<a href="#">THES924</a>	Thesis Full Time	24	Autumn, Spring
or			
<a href="#">THES912</a>	Thesis Part Time	12	Autumn, Spring

## Research Areas

Areas of research available to candidates undertaking the PhD(I) with the Faculty of Engineering and Information Sciences are listed under each of the Faculty's disciplines along with a list of research projects in each discipline:

- [Mathematics and Applied Statistics](#)
- [Physics](#)
- [Computer Science and Information Technology](#)
- [Civil, Mining and Environmental Engineering](#)
- [Electrical, Computer and Telecommunications Engineering](#)
- [Mechanical, Materials and Mechatronic Engineering](#)

## Other Information

Students are advised to consult the University's [Higher Degree Research \(HDR\) Supervision and Resources Policy](#).

For further information about the Faculty's areas of research strength, please consult the [Faculty's website](#).

For more technical information about the degree progress, please consult the [Graduate Research School website](#).

Further information is available via email: [eis@uow.edu.au](mailto:eis@uow.edu.au)

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# 2019 Postgraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Master of Clinical Exercise Physiology | 2019

Testamur Title of Degree:	Master of Clinical Exercise Physiology
Abbreviation:	MClinExPhys
UOW Course Code:	434
CRICOS Code:	083831G
Total Credit Points:	72
Duration:	1.5 years full-time only; not available part-time
Home Faculty:	Faculty of Science, Medicine and Health
Intake Session(s):	Autumn
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus:	Wollongong

## Overview

The Master of Clinical Exercise Physiology aims to produce professional Exercise Physiologists who can utilise exercise to prevent and rehabilitate those with chronic disease and injury in the broader community.

As an Accredited Exercise Physiologist you can register as an Allied Health Professional with Medicare, WorkCover NSW, private health insurers and potentially interstate organisations.

Many graduates work within private exercise physiology clinics across a broad range of rehabilitation areas, including (but not limited to) cardiac rehabilitation, diabetes management, falls prevention, chronic and complex disease management, return-to-work programs and clinical technologist jobs.

A [Supplementary Assessment Form](#) must accompany applications for entry into this course. As there are only a limited number of places available in this program, entry is competitive.

The Master of Clinical Exercise Physiology has been approved by DEEWR as an eligible Masters program for Student Income Support. For information regarding eligibility contact Centrelink on 132 490.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Exercise critical thinking and judgement about recent developments in clinical exercise physiology and appreciate concepts and perspectives associated with professional practice as an accredited exercise physiologist.
2	Apply extensive knowledge of research principles and methods pertinent to allied health and professional practice in particular related to the practice of clinical exercise physiology.
3	Justify and demonstrate the application of a range of clinical

	competencies in professional practice and further learning.
4	Apply and integrate extensive knowledge and skills to assist in the planning and execution of clinical practicum exercise interventions.
5	Demonstrate general knowledge and skills in the broader context of exercise physiology as it pertains to business principles, the work health and safety sector and/or public health and policy
6	Demonstrate evidence of outcomes related to Discipline Threshold Learning Outcomes and/or Professional Accreditation Requirements with respect to pathological conditions and special populations Including: a. Exercise assessment, prescription and delivery. b. Analysis and modification of movement c. Understanding physiological systems integration and pathophysiology d. Analysis and interpretation of statistics and research methodology
7	Design, apply, generate and evaluate theories, methodologies and concepts for professional practice or scholarship.
8	Demonstrate advanced skills in critical thinking, reasoning and reflection.
9	Justify, interpret and communicate propositions, methodologies, conclusions and professional decisions.
10	Investigate, analyse and synthesise information, problems, concepts and theories.

## Course Structure

To qualify for award of the degree, the Master of Clinical Exercise Physiology, a candidate must successfully complete at least 72 credit points of subjects in accordance with the table below.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">EXSC920</a>	Clinical Exercise Physiology	24	Autumn
<a href="#">EXSC923</a>	Clinical Practicum	12	Spring
<a href="#">EXSC924</a>	Advanced Workplace Injury Management for Exercise Physiologists	12	Spring
<b>Year 2</b>			
Choose FOUR of the following subjects:			



<a href="#">ACCY801</a>	Accounting and Financial Management	6	Trimester 1, Trimester 2, Trimester 3
<a href="#">MGNT803</a>	Organisational Behaviour and Management	6	Trimester 1, Trimester 2, Trimester 3
<a href="#">MARK804</a>	Principles of Marketing Management	6	Trimester 1, Trimester 2, Trimester 3
<a href="#">MARK920</a>	Social Marketing	6	Trimester 1, Trimester 2, Trimester 3
<a href="#">ECON910</a>	Economics for Professionals	6	Trimester 1, Trimester 2, Trimester 3
<a href="#">HAS 979</a>	Ergonomics Essentials	6	Autumn
<a href="#">HAS 871</a>	WHS Risk Management	6	Autumn
<a href="#">HAS 931</a>	Social Marketing Principles and Practice	8	Autumn
Or other subjects that have been approved by the Course Coordinator			

Please note this course is not available part-time.

## Compulsory Work Placement / Online Components

This course contains a total of 360 hours of compulsory work-based placements, which is completed over 20 weeks in Spring Session as part of the Clinical Practicum subject. Any student going on placement in NSW Health facilities will need to comply with the relevant occupational screening policy and vaccination requirements before placement commences. NSW Health can provide details of necessary vaccinations. In order to enrol in professional practice subjects, all UOW MClInExPhys students must provide a completed National Criminal Record Check and a Prohibited Employment Declaration Form. For further information, refer to Course Finder.

This course may also contain compulsory components to be completed

online.

## Professional Recognition/Accreditation

The Master of Clinical Exercise Physiology has been accredited by Exercise and Sport Science Australia (ESSA). Upon graduation, students are eligible to apply for membership as an Exercise Scientist and accreditation as an Exercise Physiologist.

## Other Information

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

Last reviewed: 24 April, 2018

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# 2019 Undergraduate Courses

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Minor Study Areas (Faculty of Science, Medicine and Health) | 2019

The Faculty of Science, Medicine and Health offers the following minor to students in any degree where their course rules allow:

### Indigenous Health Studies

Students who are not studying a Bachelor of Health Science (Indigenous Health) can complete a minor study in Indigenous Health Studies. A minor in Indigenous Health Studies will consist of at least 24 credit points of subjects from the table below. At least 12 credit points must be at 200 level or higher. Subjects in the minor may not be cross-counted towards any other minor or major study. As not all subjects of the minor study are on offer each year, students are advised to first consult with the Indigenous Health Academic Program Director about an appropriate pattern of study.

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">MEDI242</a>	Functional Structures in Indigenous Communities	6	Not available in 2019
<a href="#">NMIH205</a>	Cultural Competence in Health Care Practice	6	Spring
<a href="#">MEDI243</a>	Comparative Indigenous Health	6	Autumn

	Issues		
MEDI240	Current Services in Indigenous Health	6	Autumn
MEDI341	Research in Indigenous Health	6	Autumn
MEDI343	Aboriginal Social and Emotional Wellbeing	6	Spring
MEDI342	Indigenous Community Development: Environmental Health Issues	6	Not available in 2019
MEDI344	Indigenous Community Development: Health Promotion	6	Autumn

## Earth and Environmental Science

To declare a minor in Earth and Environmental Science, students are required to complete the following 24 credit points:

Subject Code	Subject Name	Credit Points	Session(s)
EESC101	Planet Earth	6	Autumn
EESC103	Earth's Dynamic Surface	6	Autumn
EESC202	Shaping Earth's Surface	6	Spring
EESC203	Biogeography and Environmental Change	6	Autumn

## Geosciences

To declare a minor in Geosciences, students are required to complete 24 credit points from the table below:

Subject Code	Subject Name	Credit Points	Session(s)
TWO of the following 100 level subjects:			
EESC101	Planet Earth	6	Autumn

<a href="#">EESC102</a>	Earth's Interconnected Spheres	6	Spring
<a href="#">EESC103</a>	Earth's Dynamic Surface	6	Autumn
<a href="#">EESC105</a>	Introductory Geospatial Analysis	6	Autumn, Spring
Plus TWO of the following 200 level subjects			
<a href="#">EESC201</a>	Earth's Inferno	6	Autumn
<a href="#">EESC202</a>	Shaping Earth's Surface	6	Spring
<a href="#">EESC203</a>	Biogeography and Environmental Change	6	Autumn
<a href="#">EESC207</a>	Advanced Geospatial Analysis	6	Autumn, Spring
<a href="#">EESC209</a>	G-cubed: Geochemistry, Geochronology, Geophysics	6	Spring
<a href="#">EESC250</a>	Field Geology	6	Summer 2019/2020
<a href="#">EESC252</a>	Geology for Engineers I	6	Spring

## Physical Geography

To declare a minor in Physical Geography, students are required to complete 24 credit points from the following list:

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">EESC102</a>	Earth's Interconnected Spheres	6	Spring
<a href="#">EESC103</a>	Earth's Dynamic Surface	6	Autumn
Plus ONE of the following 200 level subjects			
<a href="#">EESC202</a>	Shaping Earth's Surface	6	Spring
<a href="#">EESC203</a>	Biogeography and Environmental Change	6	Autumn

Plus ONE of the following 300 level subjects			
<a href="#">EESC302</a>	Coastal Environments: Process and Management	8	Spring
<a href="#">EESC303</a>	Fluvial Geomorphology and Sedimentology	8	Autumn

## Archaeology

The Archaeology minor provides students with knowledge of the principles and techniques archaeologists employ to study past behaviours and lifeways. Students enrolled in the Minor in Archaeology will combine research with practical experience and skills to examine different types of archaeological evidence including cultural and technological artefacts, ecofacts (such as bones, molluscs, botanical remains) and past landscapes. They will explore the lives of past societies and individuals as well as landscapes and environments, which they inhabited and their combined influence on present day life. Through surveying the prehistory of human culture in Australasia and elsewhere around the world, this Minor considers the recovery, analysis, and interpretation of the archaeological record and evidence within the context of key research questions in the discipline. This minor equips graduates with the ability to combine research with practical, problem solving skills in addressing human behaviour, cultural change, technological development and human-environment interactions.

A minor in Archaeology requires at least 24 credit points. The two 100 and 200 level subjects are compulsory, and the other two can be chosen from the 300-level subjects.

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">ARCH102</a>	Big Questions in Archaeology	6	Spring
<a href="#">ARCH202</a>	World Archaeology	6	Autumn
<a href="#">ARCH301</a>	Archaeology in Action: Understanding the Archaeological record	6	Spring
<a href="#">ARCH302</a>	Digging Down Under: Archaeology of Australasia	6	Autumn
<a href="#">ARCH303</a>	Dung, death and decay: modern methods in Archaeology	6	Autumn

## Biochemistry

This minor would require completion of the following 24 cp of biology subjects, constituting the study of biochemistry at 200-level (BIOL213 and BIOL214), along with the prerequisite biology subject at 100-level needed for [BIOL213](#) (BIOL103), and a further first year biology subject that is core to the study of cell and molecular biology (BIOL105). Note that [BIOL213](#) also requires CHEM101/4 and CHEM102/5 as prerequisites.

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">BIOL103</a>	Molecules, Cells and Organisms	6	Spring
<a href="#">BIOL105</a>	Functional Biology of Animals and Plants	6	Autumn
<a href="#">BIOL213</a>	Principles of Biochemistry	6	Autumn
<a href="#">BIOL214</a>	The Biochemistry of Energy and Metabolism	6	Spring

## Biodiversity

This minor would require completion of the following 24 cp of biology subjects, constituting the study of biodiversity at 200-level (BIOL240 and BIOL241), along with the two most relevant prerequisite biology subjects at 100-level (BIOL104 and BIOL105). Note that [BIOL240](#) and [BIOL241](#) also require [BIOL103](#) as a prerequisite.

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">BIOL104</a>	Evolution, Biodiversity and Environment	6	Autumn
<a href="#">BIOL105</a>	Functional Biology of Animals and Plants	6	Autumn
<a href="#">BIOL240</a>	Biodiversity of Marine and Freshwater Organisms	6	Autumn
<a href="#">BIOL241</a>	Biodiversity of Terrestrial	6	Spring

## Organisms

## Ecology

This minor would require completion of the following 24 cp of biology subjects, constituting the study of ecology at 200-level (BIOL251 and BIOL252), along with the two most relevant prerequisite biology subjects at 100-level (BIOL104 and BIOL105). Note that [BIOL251](#) and [BIOL252](#) also require [BIOL103](#) as a prerequisite.

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">BIOL104</a>	Evolution, Biodiversity and Environment	6	Autumn
<a href="#">BIOL105</a>	Functional Biology of Animals and Plants	6	Autumn
<a href="#">BIOL251</a>	Principles of Ecology	6	Autumn
<a href="#">BIOL252</a>	Evolution and Behaviour	6	Spring

## Molecular Biology

This minor would require completion of the following 24 cp of biology subjects, constituting the study of molecular biology at 200-level (BIOL213 and BIOL215), along with the prerequisite biology subject at 100-level needed for [BIOL213](#) (BIOL103), and a further first year biology subject that is core to the study of cell and molecular biology (BIOL105). Note that [BIOL213](#) also requires CHEM101/4 and CHEM102/5 as prerequisites.

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">BIOL103</a>	Molecules, Cells and Organisms	6	Spring
<a href="#">BIOL105</a>	Functional Biology of Animals and Plants	6	Autumn
<a href="#">BIOL213</a>	Principles of Biochemistry	6	Autumn
<a href="#">BIOL215</a>	Introductory Genetics	6	Spring



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# 2019 Undergraduate Courses

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## Bachelor of Information Technology | 2019

Testamur Title of Degree:	Bachelor of Information Technology
Abbreviation:	BIT
UOW Course Code:	1807
CRICOS Code:	061445K
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Engineering and Information Sciences
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	South Western Sydney - 754305

## Overview

The Bachelor of Information Technology has a common core structure that offers graduates key skills required for any IT professional such as: organisational areas in IT; database management; programming; information systems analysis and design; communications and networks; security; eBusiness; project management; web-based technology; and professional practice in IT.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Demonstrate broad and coherent theoretical and technical knowledge of information technologies and the ability to apply this knowledge to solve a range of practical problems.
2	Perform analysis and design of innovative systems to solve a range of problems.
3	Acquire, synthesise and integrate information within a complex professional setting .
4	Think critically and creatively to identify better system solutions within business contexts.
5	Function and work collaboratively with others to solve information technology problems achieving a common goal.
6	Apply informed professional judgements regarding ethical and responsible decision making with consideration of related social responsibilities.
7	Reflect upon work practices, tools and frameworks for ongoing professional development.

## Course Structure

A candidate must satisfactorily complete the following requirements to be

eligible for a Bachelor of Information Technology:

1. The following core subjects:

Subject Code	Subject Name	Credit Points	Session(s)
CSIT111	Programming Fundamentals	6	Autumn, Spring
CSIT113	Problem Solving	6	Autumn
CSIT114	System Analysis	6	Autumn
CSIT115	Data Management and Security	6	Autumn
CSIT21	Object Oriented Design and Programming	6	Spring
CSIT27	Networks and Communications	6	Spring
CSIT28	Introduction to Web Technology	6	Spring
CSIT214	IT Project Management	6	Autumn
ISIT219	Knowledge and Information Engineering	6	Autumn
MATH223	Mathematics for Information Technology	6	Autumn
CSIT226	Human Computer Interaction	6	Spring
ISIT204	Principles of eBusiness	6	Spring
ISIT224	Management Information Systems	6	Spring
CSIT314	Software Development Methodologies	6	Autumn
CSIT321	Project	12	Annual

2. Plus 12 credit points of 300-level CSCI or ISIT subjects, (not listed above), AND an additional 12 credit points of either 200 or 300 level CSCI, CSIT or ISIT subjects.

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">CSCI251</a>	Advanced Programming	6	Autumn, Spring
<a href="#">ISIT200</a>	Industry Placement	0	Autumn, Spring
<a href="#">ISIT212</a>	Corporate Network Planning and Design	6	Autumn
<a href="#">ISIT306</a>	Strategic eBusiness Solutions	6	Autumn
<a href="#">ISIT307</a>	Backend Web Programming	6	Autumn
<a href="#">CSCI203</a>	Algorithms and Data Structures	6	Spring
<a href="#">CSCI235</a>	Database Systems	6	Spring
<a href="#">CSCI262</a>	System Security	6	Spring
<a href="#">CSIT212</a>	Introduction to Computer Systems	6	Spring
<a href="#">ISIT207</a>	Frontend Web Programming	6	Spring
<a href="#">CSCI318</a>	Software Engineering Practices & Principles	6	Spring
<a href="#">CSCI356</a>	Game Engine Essentials	6	Spring
<a href="#">CSIT302</a>	Cybersecurity	6	Spring

3. Elective subjects, to bring the total to 144 credit points, chosen from the School of Computing and Information Technology [subject list](#) and/or the [General Schedule](#). Note: No more than 60 credits points are to be completed at the 100-level.

The Faculty encourages the development of ICT skills and knowledge in the workplace through industry placement. Completion of [ISIT200](#) Industry Placement, which is a minimum of a single 8-week period of approved

industry placement, assessed in the form of written reports, is highly recommended to all students.

### First Year Elective in Spring

In the Bachelor of Information Technology, students have an elective space in the Spring session of the first year. Please see a list below of possible options (please note that this is not a complete list but just a guide for students):

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">CSIT110</a>	Fundamental Programming with Python	6	Autumn
<a href="#">CSCI251</a>	Advanced Programming	6	Autumn
<a href="#">ISIT212</a>	Corporate Network Planning and Design	6	Autumn
<a href="#">ISIT306</a>	Strategic eBusiness Solutions	6	Autumn
<a href="#">ISIT307</a>	Backend Web Programming	6	Autumn
<a href="#">BCM 111</a>	Global Media and Culture	6	Spring
<a href="#">COMM101</a>	Principles of Responsible Business	6	Spring
<a href="#">COMM121</a>	Statistics for Business	6	Spring
<a href="#">CSCI203</a>	Algorithms and Data Structures	6	Spring
<a href="#">CSCI235</a>	Database Systems	6	Spring
<a href="#">CSCI262</a>	System Security	6	Spring
<a href="#">CSCI318</a>	Software Engineering Practices & Principles	6	Spring
<a href="#">CSCI356</a>	Game Engine Essentials	6	Spring
<a href="#">CSIT212</a>	Introduction to Computer Systems	6	Spring
<a href="#">CSIT302</a>	Cybersecurity	6	Spring

<a href="#">ELL 182</a>	Effective Written Communication (ESB)	6	Spring
<a href="#">FIN 111</a>	Introductory Principles of Finance	6	Spring
<a href="#">HIST111</a>	The Modern World	6	Spring
<a href="#">INTS121</a>	Global Politics and Power	6	Spring
<a href="#">ISIT207</a>	Frontend Web Programming	6	Spring
<a href="#">MGNT102</a>	Business Communications	6	Spring

## Professional Recognition/Accreditation

The Bachelor of Information Technology is accredited by the [Australian Computer Society](#) as meeting the requirements for membership at the "Professional Level".

## Other Information

For further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au)

Last reviewed: 10 January, 2019

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of International Studies | 2019

Testamur Title of Degree:	Bachelor of International Studies
Abbreviation:	BIIntSt
UOW Course Code:	1817
CRICOS Code:	064122E
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	South West Sydney / TBC

## Overview

A degree in International Studies at UOW helps you step onto a world stage of global opportunities including the chance to study abroad as part of your degree. You'll benefit from our expertise in international relations, our involvement in issues of global development and sustainability, and our focus on global media and communications.

At UOW, you will engage, interact and most importantly, be taught by experts in their fields. UOW staff are high-quality and passionate teachers and academics who are research leaders in security studies, international relations, political economy, settler colonialism, aid and development.

### **International Relations**

International Relations is a developing and dynamic field that aims to study and solve some of the world's major problems such as war, inequality, climate change, poverty, hunger. A Bachelor of International Studies (International Relations) focuses on understanding your place in the national and global political systems, as well as appreciating the historical evolution of global politics. Many graduates progress to careers in global organisations and businesses that are focused beyond Australia's borders.

You will undertake core subjects on global politics, international security, negotiation and conflict management, and on the role of the state in the new millennium. You will take part in a model United Nations and can choose from a range of electives covering issues from war and peace, to international law and the global political economy.

### **Global Sustainable Development**

A major in Global Sustainable Development explores ethical issues surrounding global challenges and the interaction between human and environmental security. With 2.4 billion people on the planet living on less than US\$2 a day, poverty and inequality remain two of the biggest challenges of our time. Equally, environmental change is a major concern that will affect human activity for the foreseeable future.

Core subjects will teach you the key theories, approaches and practices for promoting human development for the future. You can elect to do subjects that specialise in environmental issues from a range of different disciplinary perspectives, or you can focus on issues of development from economic, social and political perspectives.

## **Entry Requirements & Credit Arrangements**

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Demonstrate a sound understanding of key components of global society and key global challenges through insights and knowledge gained from multiple perspectives and disciplines;
2	Communicate effectively and ethically across a wide range of contexts;
3	Apply qualitative and quantitative analytical and problem-solving skills necessary for international studies careers and global citizenship;
4	Critically review interconnections between local and global issues and events as well as the historical and contemporary processes that have transformed the globe;
5	Display in-depth knowledge in one of the offered major areas of study.

## Course Structure

To qualify for award of the degree, the Bachelor of International Studies at South West Sydney, a candidate must successfully complete at least 144 credit points, comprised of:

1. The core subjects prescribed for the Bachelor of International Studies, outlined in the table below (36 credit points);
2. At least one major chosen from '[International Relations](#)' or '[Global Sustainable Development](#)' (48 credit points);
3. At least one minor, or a second major, chosen from '[International Relations](#)' or '[Global Sustainable Development](#)' (24 to 48 credit points);
4. Electives to bring the total number of credit points completed to 144. (Electives may be chosen from subjects on offer in majors, or other subjects on offer at your campus);
5. Not more than 60 credit points in 100-level subjects.

Note:

- Students are strongly encouraged to undertake a semester of overseas study, however it is not a degree requirement.
- Students in this degree may also choose to study electives from the Wollongong Campus [Bachelor of International Studies](#), or choose to

complete a minor or second major from the Wollongong Campus [Bachelor of Arts](#). Students interested in these options should contact their [Academic Program Director](#).

- Only 1 subject can be cross-counted between majors/minors.

## Bachelor of International Studies Core

Subject Code	Subject Name	Credit Points
<b>Year 1 Core</b>		
<a href="#">LHA 101</a>	Introduction to Arts and the Humanities	6
<a href="#">INTS100</a>	Introduction to International Studies	6
<a href="#">ELL 182</a>	Effective Written Communication	6
<a href="#">INDS130</a>	Indigenous Knowledge in Global Contexts	6
<b>Year 2 Core</b>		
<a href="#">INTS206</a>	Methods in International Studies and Politics	6
<b>Year 3 Core</b>		
<a href="#">INTS301</a>	*Senior Seminar in International Studies (Capstone)	6

\*INTS301 Senior Seminar in International Studies is the capstone subject for this degree.

Click on subject codes in the above table for information on sessions of offer for each subject. To find out specific information on timetables, tutorials and classes, visit the [Timetable page](#).

## Global Sustainable Development

### Subjects Required for Major Study

Students completing the Global Sustainable Development Major at the South West Sydney Campus will complete a minimum of 48 credit points as outlined below:

Subject Code	Subject Name	Credit Points
<b>Year 1 Core</b>		
INTS121	Global Politics and Power	6
<b>Year 2 Core</b>		
INTS204	Global Aid and Development: Challenges and Prospects	6
PHIL226	Global Ethics	6
<b>Year 3 Core</b>		
INTS311	Human Security, Global Capitalism and the Environment	6
<p><b>Electives:</b></p> <p><b>Plus a minimum of FOUR subjects from the below list. At least THREE must be at 300 level.</b></p> <p>Students in this major may also choose additional subjects from the below list to make up the total 144 credit points in their overall degree.</p> <p>Note that only 1 subject can be cross-counted between majors/minors.</p>		
BCM 111	Global Media and Culture	6
COMM101	Principles of Responsible Business	6
ECON100	Economic Essentials for Business	6
ECON102	Economics and Society	6
ELL 230	Communication Across Cultures	6

INTS200	Model United Nations	6
INTS207	Conflict, Peace & Security	6
SOC 208	Cities, Communities and Families	6
SOC 252	Multicultural Cities	6
SOC 227	Genders and Sexualities	6
INTS349	Special Topics in Global Sustainable Development	6
POL 309	Global Political Economy	6
POL 326	Global Inequality	6
SOC 329	Globalisation and Social Transformation	6
SOC 356	Cultures of Dispossession	6
STS 302	Climate Change Policy, Possible Futures	6

## Subjects Required for Minor Study

A minor study in Global Sustainable Development at the South West Sydney Campus consists of 24 credit points as outlined below:

Subject Code	Subject Name	Credit Points
<b>Core</b>		
INTS204	Global Aid and Development: Challenges and Prospects	6
PHIL226	Global Ethics	6
INTS311	Human Security, Global Capitalism and the Environment	6
<b>Plus a minimum of ONE of the following:</b>		

<a href="#">INTS349</a>	Special Topics in Global Sustainable Development	6
<a href="#">POL 309</a>	Global Political Economy	6
<a href="#">POL 326</a>	Global Inequality	6
<a href="#">SOC 329</a>	Globalisation and Social Transformation	6
<a href="#">SOC 356</a>	Cultures of Dispossession	6
<a href="#">STS 302</a>	Climate Change Policy, Possible Futures	6

Click on subject codes in the above table for information on sessions of offer for each subject. To find out specific information on timetables, tutorials and classes, visit the [Timetable page](#).

## International Relations

### Subjects Required for Major Study

Students completing the International Relations Major at the South West Sydney Campus will complete a minimum of 48 credit points as outlined below:

Subject Code	Subject Name	Credit Points
<b>Year 1 Core</b>		
<a href="#">INTS121</a>	Global Politics and Power	6
<b>Year 2 Core</b>		
<a href="#">INTS200</a>	Model United Nations	6
<a href="#">INTS207</a>	Conflict, Peace & Security	6
<b>Year 3 Core</b>		
<a href="#">POL 309</a>	Global Political Economy (Capstone)	6
<b>Electives:</b>		

**Plus a minimum of FOUR subjects from the below list.  
At least THREE must be at 300 level**

Students in this major may also choose additional subjects from the below list to make up the total 144 credit points in their overall degree.

Note that only 1 subject can be cross-counted between majors/minors.

<a href="#">BCM 111</a>	Global Media and Culture	6
<a href="#">COMM101</a>	Principles of Responsible Business	6
<a href="#">ECON100</a>	Economic Essentials for Business	6
<a href="#">ECON102</a>	Economics and Society	6
<a href="#">POL 150</a>	Government, Power and Political Systems	6
<a href="#">LAW 101</a>	Law, Business and Society	6
<a href="#">ELL 230</a>	Communication Across Cultures	6
<a href="#">INTS204</a>	Global Aid and Development Challenges and Prospects	6
<a href="#">INTS208</a>	War and Humanitarianism	6
<a href="#">SOC 227</a>	Genders and Sexualities	6
<a href="#">HIST358</a>	War and Society	6
<a href="#">INTS311</a>	Human Security, Global Capitalism and the Environment	6
<a href="#">INTS352</a>	Special Topics in International Relations	6
<a href="#">LAW 343</a>	International Law	6
<a href="#">LAW 354</a>	Human Rights Law	6



<a href="#">POL 306</a>	Complex Peace Operations	6
<a href="#">POL 326</a>	Global Inequality	6
<a href="#">SOC 356</a>	Cultures of Dispossession	6

## Subjects Required for Minor Study

A minor study in International Relations at the South West Sydney Campus consists of 24 credit points as outlined below:

Subject Code	Subject Name	Credit Points
<b>Core</b>		
<a href="#">INTS200</a>	Model United Nations	6
<a href="#">INTS207</a>	Conflict, Peace & Security	6
<a href="#">POL 309</a>	Global Political Economy	6
<b>Plus a minimum of ONE of the following:</b>		
<a href="#">INTS208</a>	War and Humanitarianism	6
<a href="#">HIST358</a>	War and Society	6
<a href="#">INTS352</a>	Special Topics in International Relations	6
<a href="#">LAW 343</a>	International Law	6
<a href="#">LAW 354</a>	Human Rights Law	6
<a href="#">POL 306</a>	Complex Peace Operations	6

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

The [Faculty of Law, Humanities and the Arts internship program](#) provides

students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Students are also encouraged to consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Other Information

The full range of electives may not be offered at any single campus. Students have the option of taking electives at alternate campuses where available. Information on availability of subjects can be found on the [Subject Database](#).

The University of Wollongong attempts to ensure the information contained in the Course Handbook is correct at the time of publication. However, courses may be amended without notice by the University in response to changing circumstances or for any other reason. Check with the University for updated information.

Further information is available via email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Global Sustainable Development Major | 2019

A major in Global Sustainable Development explores ethical issues surrounding global challenges and the interaction between human and environmental security. With 2.4 billion people on the planet living on less than US\$2 a day, poverty and inequality remain two of the biggest challenges of our time. Equally, environmental change is a major concern that will affect human activity for the foreseeable future.

The Bachelor of International Studies examines the relationships of politics, society, culture, language, and history in a range of countries. You will analyse national and global issues, focusing on the way global forces and interactions increasingly influence domestic politics. You will also be encouraged to study abroad or undertake a study tour.

### Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

### Subjects Required for Major Study

Students studying the Global Sustainable Development major will complete at least 48 credit points as outlined below:

Subject Code	Subject Name	Credit Points
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<b>Year 1 Core</b>		
<a href="#">INTS121</a>	Global Politics and Power	6
<b>Year 2 Core</b>		
<a href="#">INTS204</a>	Global Aid and Development: Challenges and Prospects	6
<a href="#">PHIL226</a>	Global Ethics	6
<b>Year 3 Core</b>		
<a href="#">INTS311</a>	Human Security, Global Capitalism and the Environment	6
<b>Electives</b>		
<b>Plus a minimum of FOUR from the following. At least THREE must be at 300-level:</b>		
<a href="#">ECON100</a>	Economic Essentials for Business	6
<a href="#">INDS130</a>	Indigenous Knowledge in Global Contexts	6
<a href="#">ECON208</a>	Gender, Work and the Family	6
<a href="#">INTS200</a>	Model United Nations	6
<a href="#">INDS207</a>	Critical Themes in Indigenous Studies	6
<a href="#">STS 216</a>	Environmental Sociology and Politics	6
<a href="#">ECON303</a>	Economic Development Issues	6
<a href="#">HIST359</a>	Imperial Connections: Britain's Empire	6
<a href="#">INDS302</a>	Indigenous Thinkers: Global Perspectives	6
<a href="#">INTS349</a>	Special Topics in Global Sustainable Development	6
<a href="#">POL 309</a>	Global Political Economy	6
<a href="#">POL 326</a>	Global Inequality	6
<a href="#">SOC 329</a>	Globalisation and Social Transformation	6

<a href="#">SOC 356</a>	Cultures in Dispossession	6
<a href="#">STS 302</a>	Climate Change Policy, Possible Futures	6

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Minor Study

A 24 credit point minor in Global Sustainable Development is available. Information can be found on the [2019 LHA General Schedule of Minors](#) page.

Students cannot complete both a major and a minor in Global Sustainable Development.

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

The [Faculty of Law, Humanities and the Arts internship program](#) provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Students are also encouraged to consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Honours

See [Bachelor of International Studies \(Honours\)](#).

## Other Information

Further information is available via email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## International Relations Major | 2019

International Relations is a vibrant, growing and constantly evolving discipline designed for students interested in careers in international organisations, foreign affairs or any organisation that has a focus beyond Australia's borders. Whether it is the latest peace deal in a conflict zone, aid package, humanitarian relief operation, trade deal or climate negotiation, studying International Relations at UOW helps you understand the motives behind the actions taken by states, international organisations and the many other actors in global politics. While studying a Bachelor of Arts (International Relations) at UOW, you will learn how to apply critical thinking and analytical skills to real world issues to inform thinking and practice in business, government and not for profit sectors.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

| **STUDENTS** □

## Major Learning Outcomes

On successful completion of this major students will be able to:

For majors with major learning outcomes use the following code:

CLO	Description
1	Identify the role played by key actors in international relations, including states, intergovernmental, nongovernmental and international



	organisations, transnational corporations, civil society and individuals
2	Identify and critically evaluate the core concepts and theories that guide global politics in the 21st century
3	Critically analyse the impact of the global economic and security systems on international relations
4	Engage with the contemporary challenges facing global society and evaluate policies implemented to address them
5	Communicate a deep understanding of multiple worldviews, experiences, and power structures in addressing significant global challenges

## Subjects Required for Major Study

Students studying the International Relations major will complete at least 48 credit points as outlined below:

Subject Code	Subject Name	Credit Points
<b>Year 1 Core</b>		
<a href="#">INTS121</a>	Global Politics and Power	6
<b>Year 2 Core</b>		
<a href="#">INTS200</a>	Model United Nations	6
<a href="#">INTS207</a>	Conflict, Peace & Security	6
<b>Year 3 Core</b>		
<a href="#">POL 309</a>	Global Political Economy (Capstone)	6
<b>Elective List</b>		
<b>A minimum of FOUR from the following. At least THREE must be at 300 level</b>		
<a href="#">LAW 101</a>	Introduction to Law	6
<a href="#">HIST257</a>	The World After 1945	6
<a href="#">HIST293</a>	China since 1949	6
<a href="#">JAPA220</a>	The Making of a Globalised Japan	6

<a href="#">INTS208</a>	War and Humanitarianism	6
<a href="#">POL 202</a>	Politics in the USA	6
<a href="#">POL 204</a>	Politics and the Media	6
<a href="#">POL 221</a>	Australian Politics	6
<a href="#">HIST358</a>	War and Society	6
<a href="#">HIST359</a>	Empires Colliding: Britain and USA	6
<a href="#">HIST362</a>	Issues and Controversies in Modern Asian History	6
<a href="#">INTS311</a>	Human Security, Global Capitalism and the Environment	6
<a href="#">INTS352</a>	Special Topics in International Relations	6
<a href="#">LAW 343</a>	International Law	6
<a href="#">LAW 354</a>	Human Rights Law	6
<a href="#">POL 304</a>	Power and the State	6
<a href="#">POL 306</a>	Complex Peace Operations	6
<a href="#">POL 311</a>	Politics of the Middle East	6
<a href="#">POL 320</a>	Twentieth Century Dictatorships	8
<a href="#">POL 326</a>	Global Inequality	6
<a href="#">SOC 356</a>	Cultures in Dispossession	6

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Minor Study

A 24 credit point minor in International Relations is available. Information can be found on the [2019 LHA General Schedule of Minors](#) page.

Students cannot complete both a major and a minor in International Relations.

## Honours

See [Bachelor of Arts \(Honours\)](#) and [Bachelor of International Studies \(Honours\)](#).

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

The [Faculty of Law, Humanities and the Arts internship program](#) provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Students are also encouraged to consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Other Information

For further information email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 18 June, 2020

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# 2019 Undergraduate Courses

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Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of International Studies - Bachelor of Commerce | 2019

### Wollongong Campus

Testamur Title of Degree:	Bachelor of International Studies - Bachelor of Commerce
Abbreviation:	BlntSt-BCom
UOW Course Code:	1820
CRICOS Code:	069057B
Total Credit Points:	216
Duration:	4.5 years full-time or part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus (Face-to-face with online support)
Delivery Campus / UAC Code:	Wollongong / 751311

## Overview

A double Degree of Bachelor of International Studies – Bachelor of Commerce at Wollongong gives you the theoretical knowledge to understand global challenges and the practical skills of the world of business. The Bachelor of International Studies - Bachelor of Commerce addresses relevant global, economic and political issues affecting the worldwide business market. It will teach you a diverse skill set and equip you with a theoretical background, proficiency in a language, and how to navigate the international business world. You will learn how international organisations conduct business and the issues and contexts that can occur across global borders.

International Studies will assist you to analyse and appreciate the diversity of the global community. You will examine the relationships between politics, society, culture, language, and history on a global scale. You can choose one major from the Bachelor of International Studies: International Relations or Global Sustainable Development. You will also be encouraged to study abroad or undertake a study tour. At the Wollongong campus, a core component of this degree is completing a language minor, with a choice between Mandarin, French, Italian, Japanese or Spanish.

The Bachelor of Commerce degree provides core skills in many business functions as well as specialist knowledge in a chosen field. Throughout this degree you will have the opportunity to gain practical, real-world experience and make professional connections, including the opportunity to participate in the Business Internship program. You will also choose one major from the Bachelor of Commerce: Accountancy, Business Law, Economics, Finance, Financial Planning, Human Resource Management, International Business, Management, Marketing, Public Relations or Supply Chain Management. At the South Western Sydney Campus the majors available are Management and Marketing.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

The outcomes which are common and consolidated in this joint degree



ensure that on successful completion of the course students will be able to:

CLO	Description
1	Provide sound knowledge and understanding of a range of organisations and issues across different issue areas at the domestic and international levels;
2	Understand interconnections between different issues and organizations;
3	Understand issues in a range of local, national, and international contexts;
4	Demonstrate an independent ability to make connections across a range of issues;
5	Demonstrate independently-gained in-depth knowledge of a particular major area of study.

Please refer to the [Course Handbook](#) page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

To qualify for award of this degree, students must complete a minimum of 216 credit points comprised of:

1. The core subjects for the [Bachelor of International Studies](#) (24 credit points);
2. A major from the [Bachelor of International Studies](#) (48 credit points);
3. A minor in a language other than English (minimum 24 credit points);
4. Core subjects (including the capstone subject) from the [Bachelor of Commerce](#) (minimum 54 credit points);
5. At least one major from the [Bachelor of Commerce](#) (48 credit points);
6. Electives to bring the total credit points to 216;

Note: No more than 90 credit points of 100 level subjects.

## Majors and Minors

Students completing this degree will complete at least two majors. One chosen from the [Bachelor of International Studies](#), and one from the [Bachelor of Commerce](#).

As part of the Bachelor of International Studies, students will take a minor in a language other than English.

Details of the majors and minors for these degrees are available on the course handbook pages.

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

The [Faculty of Law, Humanities and the Arts internship program](#) provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Students' are also encouraged to consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Honours

Honours is a fourth year of study that provides training in independent research. Students who complete the double degree with the required academic standard are encouraged to proceed to either the [Bachelor of International Studies \(Honours\)](#) or the [Bachelor of Commerce \(Honours\)](#). Please refer to the handbook pages for further information about these degrees and their entry requirements.

## Other Information

Further information is available via email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 3 October, 2018

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of International Studies - Bachelor of Commerce | 2019

South West Sydney Campus

Testamur Title of Degree:	Bachelor of International Studies - Bachelor of Commerce
Abbreviation:	BIntSt-BCom
UOW Course Code:	SW1820
CRICOS Code:	069057B
Total Credit Points:	216
Duration:	4.5 years full-time or part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn/ Spring
Delivery Mode:	On-Campus (Face-to-face with online support)
Delivery Campus / UAC Code:	South West Sydney / 751314

## Overview

A double Degree of Bachelor of International Studies – Bachelor of Commerce at Wollongong gives you the theoretical knowledge to understand global challenges and the practical skills of the world of business. The Bachelor of International Studies - Bachelor of Commerce addresses relevant global, economic and political issues affecting the worldwide business market. It will teach you a diverse skill set and equip you with a theoretical background, proficiency in a language, and how to navigate the international business world. You will learn how international organisations conduct business and the issues and contexts that can occur across global borders.

International Studies will assist you to analyse and appreciate the diversity of the global community. You will examine the relationships between politics, society, culture, language, and history on a global scale. You can choose one major and one minor from the Bachelor of International Studies: International Relations or Global Sustainable Development. You will also be encouraged to study abroad or undertake a study tour.

The Bachelor of Commerce degree provides core skills in many business functions as well as specialist knowledge in a chosen field. Throughout this degree you will have the opportunity to gain practical, real-world experience and make professional connections, including the opportunity to participate in the Business Internship program. You will also choose one major from the Bachelor of Commerce at the South Western Sydney Campus; Management or Marketing.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the Course Finder.

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

The outcomes which are common and consolidated in this joint degree ensure that on successful completion of the course students will be able to:

CLO	Description
1	Provide sound knowledge and understanding of a range of

	organisations and issues across different issue areas at the domestic and international levels;
2	Understand interconnections between different issues and organizations;
3	Understand issues in a range of local, national, and international contexts;
4	Demonstrate an independent ability to make connections across a range of issues;
5	Demonstrate independently-gained in-depth knowledge of a particular major area of study.

Please refer to the [Course Handbook](#) page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

To qualify for award of this degree students must complete a minimum of 216 credit points comprised of:

1. The core subjects prescribed for the [Bachelor of International Studies at South West Sydney](#) (36 credit points);
2. A major from the [Bachelor of International Studies at South West Sydney](#) (48 credit points);
3. A minor from the [Bachelor of International Studies at South West Sydney](#) (24 credit points);
4. Core subjects (including the capstone subject) from the [Bachelor of Commerce](#) (minimum 54 credit points);
5. At least one major from the Bachelor of Commerce at South West Sydney (Management or Marketing) (48 credit points);
6. Electives to bring the total credit points to 216;

Note: No more than 90 credit points of 100 level subjects.

## Majors and Minors

Students completing this degree will complete at least two majors. One chosen from the [Bachelor of International Studies at South West Sydney](#), and one from the [Bachelor of Commerce](#) at South West Sydney.

As part of the Bachelor of International Studies component of this program, students will take at least one minor available at the South West Sydney Campus.

Details of the majors and minors for these degrees are available on the course handbook pages.

# Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

The [Faculty of Law, Humanities and the Arts internship program](#) provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Students' are also encouraged to consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Other Information

Further information is available via email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 10 November, 2018

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# 2019 Undergraduate Courses

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of International Studies - Bachelor of Laws | 2019

### Wollongong Campus

Testamur Title of Degree:	Bachelor of International Studies - Bachelor of Laws
Abbreviation:	BlntSt-LLB
UOW Course Code:	1892
CRICOS Code:	094215G
Total Credit Points:	240
Duration:	5 years full-time or *part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn / Spring
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 751212

\*Students interested in studying this degree part-time should consult with the Law Head of Students by contacting [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au).

\*\*Students commencing in Spring will undertake their first session in the Bachelor of International Studies, before completing their first year of Law in their second year of enrolment.

## Overview

Bachelor of International Studies – Bachelor of Laws from UOW equips you with a comprehensive legal education: a world-class degree that provides a thorough grounding in the law, as well as a real-world focus on the essential practical skills and the social and ethical context in which the law operates.

Combining Law with a Bachelor of International Studies provides analysis, appreciation and the study of the diversity of the global village. It examines the relationships of politics, society, culture, language, and history in a range of countries and their international connections. This double degree combination opens up a range of international career opportunities in public, private and not-for-profit sectors. Bachelor of International Studies degree will prepare you for work in a multicultural and globalised economy.

We believe that practical experience is a vital part of your legal training. We are the only law school in New South Wales that requires you to complete a legal internship, providing highly valued industry experience.

We are committed to social justice and providing a legal education that engages with the complexities of law's intersection with society.

This double degree delivers a practical and contextual legal education that prepares graduates not only for traditional careers in the legal profession but also for a wide range of careers in government, business and community organisations and not-for-profit sectors – as leaders, innovators and problem solvers.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

The outcomes, which are common and consolidated in this double degree, ensure that on successful completion of the course students will be able to:

CLO	Description
1	Demonstrate a sound understanding of Australian and global actors from a multidisciplinary perspective including law;
2	Communicate knowledge in an ethical manner;
3	Demonstrate the ability to communicate across a range of contexts both individually and collaboratively
4	Apply a range of critical and analytical skills to respond to complex issues;
5	Use a mixture of resources and skills in order to engage analysis and problem solving;
6	Critically review and evaluate issues at the local and global levels;
7	Demonstrate knowledge and understanding within areas of specialization.

Please refer to the [Course Handbook](#) page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

To qualify for award of the degree, the Bachelor of International Studies - Bachelor of Laws, a candidate must successfully complete at least 240 credit points, comprised of the following:

1. All compulsory Law subjects as set out in the schedule below (114 credit points);
2. 30 credit points of electives from the [Bachelor of Laws \(Graduate Entry\)](#) elective list;
3. All core subjects for the [Bachelor of International Studies](#), except for [LHA 101](#) (18 credit points);
4. A language minor in the [Bachelor of International Studies](#) (24 credit points);
5. One of the majors listed for the [Bachelor of International Studies](#) (48 credit points);
6. Electives to bring the total number of credit points completed to 240;

Note:

- Not more than 90 credit points at 100 level.
- Where any subjects have the prefix LAW, the equivalent Bachelor of Laws subjects (LLB) must be substituted.

Subject	Subject Name	Credit
---------	--------------	--------

Code		Points
<b>Year 1</b>		
<a href="#">LLB1100</a>	Foundations of Law	6
<a href="#">LLB1115</a>	Legal Skills	6
<a href="#">LLB1120</a>	Law of Contract A	6
<a href="#">LLB1130</a>	Criminal Law and Procedure A	6
<a href="#">LLB1160</a>	Interpreting the Law	6
<a href="#">LLB1170</a>	Law of Contract B	6
<a href="#">LLB1180</a>	Criminal Law and Procedure B	6
<a href="#">LLB1197</a>	Legal Ethics & Professional Responsibility	6
<b>Year 2</b>		
<a href="#">LLB2220</a>	Property Law	6
<a href="#">LLB2230</a>	Administrative Law	6
<a href="#">LLB2270</a>	Equity and Trusts	6
<a href="#">LLB2280</a>	Constitutional Law	6
Subjects from the Bachelor of International Studies schedule		
<b>Year 3</b>		
<a href="#">LLB2225</a>	Advanced Legal Skills	6
<a href="#">LLB2240</a>	Law of Torts	6
<a href="#">LLB2290</a>	Jurisprudence	6
<a href="#">LLB3397</a>	Legal Internship	3
1 LLB Elective		6
Subjects from the Bachelor of International Studies schedule		
<b>Year 4</b>		

<a href="#">LLB3300</a>	Remedies and Civil Procedure	6
<a href="#">LLB3301</a>	Evidence	6
<a href="#">LLB3302</a>	Law of Business Organisations	6
1 LLB Elective		6
Subjects from the Bachelor of International Studies schedule		
<b>Year 5</b>		
2 LLB Electives		12
1 LLB Elective		6
<a href="#">LLB3399</a>	Law, Justice and Professional Practice	3
Subjects from the Bachelor of International Studies schedule		

**Part-time Study**

A student is considered part-time when they are enrolled in less than 75% of the standard load for a session. If you are seeking to complete your undergraduate law degree part-time, you are required to complete a minimum of 12 credit points (2 subjects) per session. Please refer to the [Recommended Study Sequence](#) for information.

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Majors and Minors

As part of the [Bachelor of International Studies](#), students will complete at least one Major, and one minor in a language other than English.

Available majors and minors are available on the [Course Handbook Page](#).

## Compulsory Work Placement / Online Components

This course contains a total of 140 hours over 4 weeks of compulsory work-based placements. This course may also contain compulsory components to be completed online.

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

Law students will complete a Legal Internship subject ([LLB3397](#)). This subject is the vehicle for a practical placement designed to expose students to the application of the law in practice; enable students to understand the importance of developing the skills of legal research; communication, drafting, practice management and problem solving; and enable students to observe and reflect upon the values, ethical standards and conduct of the legal profession in practice.

## Law Professional Recognition/Accreditation

The UOW Bachelor of Laws (single LLB or in combination with another degree) is accredited by the Legal Profession Admission Board (LPAB) as satisfying the academic requirements necessary for admission to the Australian legal profession. On completion of the Bachelor of Laws, a student who wishes to practice as a barrister or solicitor must also undertake some form of professional practical training, the requirements for which vary between each state and territory of Australia.

In New South Wales, a student who intends to qualify for admission to practice is required to undertake a practical legal training (PLT) course accredited by the LPAB, followed by or incorporating a period of practical experience in a law-related setting. Practical experience gained by students in [LLB3397](#) Legal Internship may be counted towards this practical experience requirement. Graduates should check with their PLT provider. A list of LPAB accredited PLT courses can be found on the [LPAB](#) website.

Students who intend to practice as solicitors after admission will be subject to a period of restricted practice and the mandatory continuing legal education requirements. Further information is available from the [Law Society of New South Wales](#). Students who intend to practice as barristers after admission will be required to read with a senior barrister for a period of time and to undertake the Bar Readers' Course and Bar Examination before being qualified to take briefs on their own account. Further information is available from the [New South Wales Bar Association](#).

## Honours

### Law

High achieving students enrolled in this double degree may consult with the [Honours Coordinator in Law](#) regarding the possibility of transferring into an [Honours Law](#) degree.

A student who successfully transfers into an Honours program but does not meet the minimum performance standards required for the award of

Honours will be permitted to transfer back to the double degree in which they were enrolled immediately prior to the transfer into the Honours course, and will be awarded credit for the number of credit points passed in the Honours degree.

## International Studies

Students seeking to pursue an Honours degree in International Studies should refer to the information on the [Bachelor of International Studies \(Honours\) Course Handbook Page](#).

## Other Information

Further information is available via email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 11 June, 2019

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of International Studies - Bachelor of Laws | 2019

South West Sydney Campus

Testamur Title of Degree:	Bachelor of International Studies - Bachelor of Laws
Abbreviation:	BlntSt-LLB
UOW Course Code:	SW1892
CRICOS Code:	094215G
Total Credit Points:	240
Duration:	5 years full-time or *part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn/ Spring**
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	South West Sydney / 751224



\*Students interested in studying this degree part-time should consult with the Law Head of Students by contacting [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au).

\*\*Students commencing in Spring will undertake their first session in the Bachelor of International Studies, before completing their first year of Law in their second year of enrolment.

## Overview

A Bachelor of International Studies – Bachelor of Laws from UOW equips you with a comprehensive legal education: a world-class degree that provides a thorough grounding in the law, as well as a real-world focus on the essential practical skills and the social and ethical context in which the law operates.

Combining Law with a Bachelor of International Studies provides analysis, appreciation and the study of the diversity of the global village. It examines the relationships of politics, society, culture, language, and history in a range of countries and their international connections. This double degree combination opens up a range of international career opportunities in public, private and not-for-profit sectors. Bachelor of International Studies degree will prepare you for work in a multicultural and globalised economy.

We believe that practical experience is a vital part of your legal training. We are the only law school in New South Wales that requires you to complete a legal internship, providing highly valued industry experience.

We are committed to social justice and providing a legal education that engages with the complexities of law's intersection with society.

This double degree delivers a practical and contextual legal education that prepares graduates not only for traditional careers in the legal profession but also for a wide range of careers in government, business and community organisations and not-for-profit sectors – as leaders, innovators and problem solvers.

The Bachelor of International Studies – Bachelor of Laws covers the prescribed areas of knowledge for future admission to the profession as well as including a choice of electives. Additionally, an integrated skills program equips graduates with experience in areas such as legal research, interviewing, legal drafting, advocacy and negotiation. Opportunities also exist to undertake subjects through an international exchange program.

Core subjects in International Studies include Introduction to International Studies, Methods in International Studies, and Politics and Senior Seminar in International Studies. In your second year, you will choose between one major and minor from International Relations or Global Sustainable Development. You will also be encouraged to study abroad or undertake a

study tour.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the Course Finder.

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

The outcomes, which are common and consolidated in this double degree, ensure that on successful completion of the course students will be able to:

CLO	Description
1	Demonstrate a sound understanding of Australian and global actors from a multidisciplinary perspective including law;
2	Communicate knowledge in an ethical manner;
3	Demonstrate the ability to communicate across a range of contexts both individually and collaboratively
4	Apply a range of critical and analytical skills to respond to complex issues;
5	Use a mixture of resources and skills in order to engage analysis and problem solving;
6	Critically review and evaluate issues at the local and global levels;
7	Demonstrate knowledge and understanding within areas of specialization.

## Course Structure

To qualify for award of the degree, the Bachelor of International Studies - Bachelor of Laws, a candidate must successfully complete at least 240 credit points, comprised of the following:

1. All compulsory Law subjects as set out in the schedule below (114 credit points);
2. 30 credit points of electives from the [Bachelor of Laws \(Graduate Entry\)](#) elective list;
3. All core subjects for the [Bachelor of International Studies at South West Sydney](#) except for LHA101 and [ELL 182](#) (24 credit points);

4. One of the majors listed for the [Bachelor of International Studies at South West Sydney](#) (48 credit points);
5. One of the minors listed for the [Bachelor of International Studies at South West Sydney](#) (24 credit points).

Note: No more than 90 credit points at 100 level.

Subject Code	Subject Name	Credit Points
<b>Year 1</b>		
<a href="#">LLB1100</a>	Foundations of Law	6
<a href="#">LLB1115</a>	Legal Skills	6
<a href="#">LLB1120</a>	Law of Contract A	6
<a href="#">LLB1130</a>	Criminal Law and Procedure A	6
<a href="#">LLB1160</a>	Interpreting the Law	6
<a href="#">LLB1170</a>	Law of Contract B	6
<a href="#">LLB1180</a>	Criminal Law and Procedure B	6
<a href="#">LLB1197</a>	Legal Ethics & Professional Responsibility	6
<b>Year 2</b>		
<a href="#">LLB2220</a>	Property Law	6
<a href="#">LLB2230</a>	Administrative Law	6
<a href="#">LLB2270</a>	Equity and Trusts	6
<a href="#">LLB2280</a>	Constitutional Law	6
Subjects from the Bachelor of International Studies schedule		
<b>Year 3</b>		
<a href="#">LLB2225</a>	Advanced Legal Skills	6
<a href="#">LLB2240</a>	Law of Torts	6
<a href="#">LLB2290</a>	Jurisprudence	6

<a href="#">LLB3397</a>	Legal Internship	3
1 LLB Elective		6
Subjects from the Bachelor of International Studies schedule		
<b>Year 4</b>		
<a href="#">LLB3300</a>	Remedies and Civil Procedure	6
<a href="#">LLB3301</a>	Evidence	6
<a href="#">LLB3302</a>	Law of Business Organisations	6
1 LLB Elective		6
Subjects from the Bachelor of International Studies schedule		
<b>Year 5</b>		
2 LLB Electives		12
1 LLB Elective		6
<a href="#">LLB3399</a>	Law, Justice and Professional Practice	3
Subjects from the Bachelor of International Studies schedule		

### Part-time Study

A student is considered part-time when they are enrolled in less than 75% of the standard load for a session. If you are seeking to complete your undergraduate law degree part-time, you are required to complete a minimum of 12 credit points (2 subjects) per session. Please refer to the [Recommended Study Sequence](#) for information.

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Majors and Minors

Students completing this degree will complete one major and one minor from the [Bachelor of International Studies at South West Sydney](#). Options are outlined on the course handbook page.

## Compulsory Work Placement / Online Components

This course contains a total of 140 hours over 4 weeks of compulsory work-based placements. This course may also contain compulsory components to be completed online.

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

Law students will complete a Legal Internship subject (LLB3397). This subject is the vehicle for a practical placement designed to expose students to the application of the law in practice; enable students to understand the importance of developing the skills of legal research; communication, drafting, practice management and problem solving; and enable students to observe and reflect upon the values, ethical standards and conduct of the legal profession in practice.

## Professional Recognition/Accreditation

The UOW Bachelor of Laws (single LLB or in combination with another degree) is accredited by the Legal Profession Admission Board (LPAB) as satisfying the academic requirements necessary for admission to practice as a lawyer. On completion of the Bachelor of Laws, a student who wishes to practise as a barrister or solicitor must also undertake some form of professional practical training, the requirements for which vary between each state and territory of Australia.

In New South Wales, a student who intends to qualify for admission to practise as a legal practitioner is required to undertake a practical legal training (PLT) course accredited by the LPAB, followed by or incorporating a period of practical experience in a law-related setting. Practical experience gained by students in [LLB3397](#) Legal Internship may be counted towards this practical experience requirement (eg ANU and College of Law will recognise days completed as part of [LLB3397](#)). Graduates should check with their PLT provider. A list of LPAB accredited PLT courses can be found on the [LPAB website](#).

Students who intend to practise as lawyers after admission should obtain further information about restricted practice and the mandatory continuing legal education requirements from the Law Society of New South Wales. Students who intend to practise as barristers after admission will be required to read with a senior barrister for a period of time and to undertake the Bar Readers' Course before being qualified to take briefs on their own account. Further information is available from the [New South Wales Bar Association](#).

## Other Information

The University of Wollongong attempts to ensure the information contained in the Course Handbook is correct at the time of publication. However, courses may be amended without notice by the University in response to changing circumstances or for any other reason. Check with the University for updated information.

Further information is available via email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 11 June, 2019

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Creative Writing Major for Bachelor of Arts| 2019

A Bachelor of Creative Arts at UOW encourages you to immerse yourself creatively, critically and practically. The Creative Industries is one of the fastest-growing, most dynamic sectors in the world.

In the digital age, writing is becoming more and more central to the way we communicate with each other. The Bachelor of Creative Arts (Creative Writing) teaches skills and strategies so your writing is strong and clear. It helps you express ideas in imaginative ways that will impact your readers. Creative writers work in a range of areas: poetry, editing, writing for multimedia, commercial and content writing, commercial theatre and performance, short stories and novels, or even in ways that combine or challenge these forms. Creative writers might write to entertain or to educate – but they're always drawing on the human condition, exploring what it means to be human.

This course is designed to teach you to think about your story, image and scene. Creative writers draft and re-draft so their work is at its best, and this process is exciting.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [UOW Course Finder](#).

# Major Learning Outcomes

On successful completion of this major students will be able to:

CLO	Description
1	Identify how creative writing has developed as a discipline and how it relates to other areas of study
2	Identify and utilise a range of creative writing strategies across a range of fictional and non-fictional genres
3	Apply a variety of drafting and sub-editorial skills to produce creative texts in a range of dramatic, poetic or narrative forms
4	Evaluate critical theory and apply this to reflect personal writing practice
5	Examine and contextualise creative writing from a diverse range of social, cultural and creative influences in a national and international context
6	Understand and evaluate the ways in which writers create their work and develop it professionally within the constraints of the writing 'industry'

## Subjects Required for Major Study

Students studying the Bachelor of Arts Creative Writing major will complete at least 48 credit points as outlined below:

Subject Code	Subject Name	Credit Points
<b>Year 1</b>		
CACW100	Introduction to Creative Writing	6
CACW103	Editing Foundation	6
<b>Year 2</b>		
CACW232	Writing and Critical Theory	6
<b>Plus a minimum of ONE from the following:</b>		
CACW201	Poetic Studio	6
CACW202	Dramatic Studio	6
CACW203	Narrative Studio	6



<b>Year 3</b>		
<a href="#">CACW301</a>	Writing Across Borders	6
<a href="#">CACW303</a>	Genre and Form	6
<a href="#">CACW331</a>	Contemporary Theory and Research Practice	6
<a href="#">ENGL383</a>	Contemporary Fiction and Film (Capstone)	6

Click on subject codes in the above table for information on sessions of offer for each subject. To find out specific information on timetables, tutorials and classes, visit the [Timetable page](#).

## Minor Study

A 24 credit point minor in Creative Writing is available. Information can be found on the [2019 LHA General Schedule of Minors](#) page.

Students cannot complete both a major and minor in Creative Writing.

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

The [Faculty of Law, Humanities and the Arts internship program](#) provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Students are also encouraged to consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Honours

See [Bachelor of Arts \(Honours\)](#).

## Other Information

For further information email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 18 June, 2020

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## History Major | 2019

Engage, explore and appreciate diverse pasts when you study History at UOW, and learn from the past to inform your future. History enriches your understanding of the world by offering knowledge and skills to comprehend the broad scope of human experiences - from our everyday lives, to global processes. You will learn to research information, critically evaluate debates, and express your arguments and beliefs clearly and effectively.

UOW's History degree focuses on themes that link Australian and international history, ancient and modern. You will discover what it is to be a Historian, through subjects that help you develop a sophisticated and critical appreciation of contemporary approaches to historical theories, methods, interpretation, arguments, and uses of evidence.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [UOW Course Finder](#).

| UOW GLOBAL

## Major Learning Outcomes

On successful completion of this major you will be able to:

CLO	Description
1	Evaluate historical processes using examples from a variety of periods and places

2	Appraise present-day global affairs from an historical perspective
3	Utilise different types of evidence to demonstrate an understanding of historical change
4	Critically review how Historians produce different interpretations of the past

## Subjects Required For Major Study

Students studying the History major will complete at least 48 credit points as outlined below:

Subject Code	Subject Name	Credit Points
<b>Year 1 Core - A minimum of ONE of the following:</b>		
<a href="#">HIST110</a>	The Early Modern World, 1350 - 1750	6
<a href="#">HIST111</a>	The Modern World	6
<b>Year 2 Core</b>		
<a href="#">HIST257</a>	The World After 1945	6
<a href="#">HIST281</a>	Hands-On History	6
<b>Year 3 Core</b>		
<a href="#">HIST389</a>	Making History (Capstone)	6
<b>Elective List:</b>		
<b>Plus a minimum of FOUR of the following. At least THREE must be at 300 level.</b>		
<a href="#">AUST101</a>	Australian Studies: Cultures and Identities	6
<a href="#">AUST102</a>	Locating Australia	6
<a href="#">HIST112</a>	Lost Worlds: The 'Big History' of Ancient History	6
<a href="#">HIST200</a>	Oceans of History: Exploring the Pacific	6
<a href="#">HIST204</a>	Illicit Trades: Trafficking and Slavery in	6

	Global History	
<a href="#">HIST258</a>	Australians and the Great War	6
<a href="#">HIST259</a>	Ancient History: Greece	6
<a href="#">HIST262</a>	Ancient History: Rome	6
<a href="#">HIST283</a>	Film and History	6
<a href="#">HIST292</a>	Power and Protest in Australia	6
<a href="#">HIST293</a>	China since 1949	6
<a href="#">HIST294</a>	Catastrophe: A Social and Environmental History	6
<a href="#">HIST305</a>	Europe in World History	6
<a href="#">HIST351</a>	Australian History: Moments that Matter	6
<a href="#">HIST358</a>	War and Society	6
<a href="#">HIST359</a>	Empires Colliding: Britain and USA	6
<a href="#">HIST362</a>	Issues and Controversies in Modern Asian History	6
<a href="#">HIST371</a>	Twentieth Century Dictatorships	6
<a href="#">HIST386</a>	Ancient Texts	6
<a href="#">HIST387</a>	Sex and Modern History	6
<a href="#">HIST390</a>	Empires of the East: China, Russia and the West	6

Click on subject codes in the above table for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Minor Study

Students completing the History Major may be interested in the following 24 credit point minors:

- [Modern History Minor](#)
- [Ancient History Minor](#)
- [Australian Studies Minor](#)

Note that only one subject may be cross counted across your degree. If you are interested in any of the above minors, you should plan your study to ensure you are choose different subject options to your major core above.

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

The [Faculty of Law, Humanities and the Arts internship program](#) provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Students are also encouraged to consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Honours

See [Bachelor of Arts \(Honours\)](#).

## Other Information

For further information email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 9 July, 2020

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Indigenous Studies Major | 2019

Indigenous Studies explores the controversies, complexities and contradictions that shape what it means to be Indigenous in Australia and the world today. Contemporary Indigenous Australia is a fascinating crossroad of history, culture, power and politics. It includes the study of practical issues, political issues as well as understanding where these issues overlap.

Indigenous Studies at UOW is designed to equip you to think incisively about issues that impact on Indigenous individuals and communities on a local, national and global scale. This includes a focus on cultural, political, economic and social factors that have shaped, and continue to shape, the lives of Aboriginal and Torres Strait Islander peoples. This is developed through the study of international Indigenous experiences and engagement with a range of Indigenous perspectives and organisations on a global scale.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Major Learning Outcomes

On successful completion of this major students will be able to:

CLO	Description
1	Identify how Indigenous Studies has developed as a focus of scholarly



	inquiry and how it relates to other areas of study
2	Evaluate the ideologies and paradigms that continue to shape both popular and scholarly understandings of Indigenous peoples
3	Analyse, both critically and reflectively, Indigenous peoples' understandings of themselves and the world
4	Evaluate the major social and political influences that have underpinned the history of colonisation and resistance

## Subjects Required for Major Study

Students studying the Indigenous Studies major will complete at least 48 credit points as outlined below:

Subject Code	Subject Name	Credit Points
<b>Year 1 Core - A minimum of ONE from the following:</b>		
INDS130	Indigenous Knowledge in Global Contexts	6
INDS150	Introduction to Indigenous Australia	6
<b>Year 2 Core</b>		
INDS207	Critical Themes in Indigenous Studies	6
INDS208	Working with Indigenous Communities	6
<b>Year 3 Core</b>		
INDS305	Research and Indigenous Communities	6
INDS302	Indigenous Thinkers: Global Perspectives (capstone)	6
<b>Elective List:</b>		
<b>Plus a minimum of THREE from the following. At least TWO must be at 300 level.</b>		
AUST101	Australian Studies: Cultures and Identities	6
CAVA123	Australian Aboriginal Arts	6

<a href="#">CST 130</a>	Cultures in Context	6
<a href="#">PHIL151</a>	Logic: The Art of Reasoning	6
<a href="#">SOC 103</a>	Introduction to Sociology	6
<a href="#">CAVA232</a>	Contemporary Indigenous Art: Theory and Practice	6
<a href="#">HIST292</a>	Power and Protest in Australia	6
<a href="#">INDS205</a>	Indigenous Peoples and the Environment	6
<a href="#">INDS206</a>	Indigenous Self-Representation in Contemporary Texts	6
<a href="#">PHIL218</a>	Ethics: Good, Bad and Evil	6
<a href="#">PHIL226</a>	Global Ethics	6
<a href="#">SOC 225</a>	Youth Cultures	6
<a href="#">SOC 227</a>	Genders and Sexualities	6
<a href="#">SOC 234</a>	Social Research Methods	6
<a href="#">CST 361</a>	Cultures of Sex, Gender and Sexuality	6
<a href="#">CST 371</a>	Race and Place	6
<a href="#">ENGL381</a>	Animals and Ecology in Literature and Film	6
<a href="#">HAS 350</a>	Social Determinants of Indigenous Health	6
<a href="#">HIST351</a>	Australian History: Moments that Matter	6
<a href="#">INDS303</a>	Indigenous Youth and Popular Culture	6
<a href="#">INDS304</a>	Special Topic in Indigenous Studies	6
<a href="#">LAW 344</a>	Indigenous Peoples and Legal Systems	6
<b>As one of the three elective subjects, either of the following 100 level subjects not already taken as a core can be selected:</b>		

<a href="#">INDS130</a>	Indigenous Knowledge in Global Contexts	6
<a href="#">INDS150</a>	Introduction to Indigenous Australia	6

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Minor Study

A 24 credit point minor in Indigenous Studies is available. Information is available on the [2019 LHA General Schedule of Minors](#) page.

Students cannot complete both a major and minor in Indigenous Studies.

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

The [Faculty of Law, Humanities and the Arts internship program](#) provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Students are also encouraged to consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Honours

See [Bachelor of Arts \(Honours\)](#).

## Other Information

For further information email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Legal Studies Major | 2019

Majoring in Legal Studies will provide you with a sound understanding of the Australian Legal System and its court structure. You will learn key aspects of private law in Australia, including principles of the law of contract and torts, and be able to critically examine the relationship between law and justice. This flexible major allows you to create a degree around your interests by combining Legal Studies with other study areas.

This major consists of four core subjects with a broad range of elective options, including family law, international business law and taxation law. In your final year you will undertake a Law Research Project where you will work with a supervisor on a research topic to produce a thesis addressing real-world issues, using knowledge and skills obtained in the Legal Studies major.

The Legal Studies major is not available to students enrolled in the Bachelor of Arts - Bachelor of Laws degree.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).



## Major Learning Outcomes

On completing this major students will be able to:

CLO	Description
-----	-------------

1	Demonstrate an understanding of the foundations of Australia's legal system including its key legal institutions
2	Demonstrate familiarity with the form of both statutory law and case law
3	Be familiar with key aspects of private law in Australia, in particular, principles of the law of contract and tort
4	Critically examine the relationship between law and justice
5	Understand the international context within which the law operate
6	Develop problem solving skills, as well as skills for group and teamwork

## Subjects Required for Major Study

Students studying the Legal Studies major will complete at least 48 credit points as outlined below:

Subject Code	Subject Name	Credit Points
<b>Year 1</b>		
<a href="#">LAW 101</a>	Introduction to Law	6
<b>Year 2</b>		
<a href="#">LAW 284</a>	Politics of Justice	6
<a href="#">SOC 247</a>	Punishment: Purpose, Practice, Policy	6
<b>Year 3</b>		
<a href="#">LAW 313</a>	Legal Research Project (Capstone)	6
<b>Plus a minimum of FOUR subjects from the following:</b>		
<a href="#">LAW 302</a>	Law of Business Organisations	6
<a href="#">LAW 303</a>	Family Law	6
<a href="#">LAW 308</a>	Administrative Law	6
<a href="#">LAW 315</a>	Taxation Law	6
<a href="#">LAW 316</a>	Work Health and Safety Law	6
<a href="#">LAW 319</a>	International Business Law	6

<a href="#">LAW 321</a>	Banking Law	6
<a href="#">LAW 323</a>	Consumer Protection and Product Liability Law	6
<a href="#">LAW 325</a>	Children of the Law	6
<a href="#">LAW 326</a>	Gender, Sexuality and the Law	6
<a href="#">LAW 330</a>	Law of Employment	6
<a href="#">LAW 331</a>	Intellectual Property Law	6
<a href="#">LAW 332</a>	Labour Regulation	6
<a href="#">LAW 334</a>	Environmental Law	6
<a href="#">LAW 335</a>	Anti-Discrimination Law	6
<a href="#">LAW 338</a>	International Trade Law	6
<a href="#">LAW 343</a>	International Law	6
<a href="#">LAW 344</a>	Indigenous Peoples and Legal Systems	6
<a href="#">LAW 348</a>	Media Law	6
<a href="#">LAW 354</a>	Human Rights Law	6
<a href="#">LAW 337</a>	Animal Law	6
<a href="#">LAW 383</a>	Disability and Law	6
<a href="#">LAW 385</a>	Refugee Law	6

Click on subject codes in the above table for information on sessions of offer for each subject. To find out specific information on timetables, tutorials and classes, visit the [Timetable page](#).

## Minor Study

A 24 credit point minor in Legal Studies is available. Information can be found on the [2019 LHA General Schedule of Minors](#) page.

Students cannot complete both a major and a minor in Legal Studies.

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

The [Faculty of Law, Humanities and the Arts internship program](#) provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Students are also encouraged to consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Honours

See [Bachelor of Arts \(Honours\)](#).

## Other Information

For further information email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Photography Major | 2019

Photography is a form of art and expression. It is a form of graphic communication that can be instantly understood by a global audience to showcase facts, inform, educate, entertain, reform, or share experiences. Photography will take you through visual experiences and critical thinking: your photos can tell a thousand words.

Studying photography at UOW will teach you both analogue and digital technologies across a diverse range of studio subjects, whilst developing an understanding of traditions and concepts relevant to photography in historical, theoretical and contemporary visual art contexts. You will develop your own style through creative processes, conceptual skills and applying your knowledge into practice.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [UOW Course Finder](#).

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## Major Learning Outcomes

On successful completion of this major students will be able to:

CLO	Description
1	Identify how Photography has developed as a discipline and a profession and how it relates to other disciplines and professions

2	Resolve visual ideas through management of self-directed photographic art projects
3	Generate individual photographic artworks that express a distinct point of view
4	Evaluate key historical and theoretical debates that have shaped contemporary art and apply insights to personal practice

## Subjects Required for Major Study

Students studying the Photography major will complete at least 48 credit points as outlined below:

Subject Code	Subject Name	Credit Points
<b>Year 1</b>		
<a href="#">CAVA124</a>	Introduction to Photography 1	6
<a href="#">CAVA125</a>	Introduction to Photography 2	6
<b>Year 2</b>		
<a href="#">CAVA224</a>	Advanced Photography 1	6
<a href="#">CAVA225</a>	Advanced Photography 2	6
<b>Year 3</b>		
<a href="#">CAVA324</a>	Advanced Photography 3	6
<a href="#">CAVA390</a>	Visual Arts and Photography Major Project (Capstone)	12
<b>Plus a minimum of ONE from the following:</b>		
<a href="#">CAVA331</a>	Contemporary Artworlds	6
<a href="#">CAVA332</a>	Art, Nature and the Environment	6

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Minor Study

A 24 credit point Minor in Photography is available. Information is available on the [2019 LHA General Schedule of Minors page](#).

Students cannot complete both a Major and a Minor in Photography.

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

The [Faculty of Law, Humanities and the Arts internship program](#) provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Students are also encouraged to consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Honours

See [Bachelor of Arts \(Honours\)](#).

## Other Information

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# 2019 Undergraduate Courses

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Politics Major | 2019

Studying Politics at UOW involves examining the origins and nature of power, consent, authority, and consensus that underpin social and global order. In the Politics Major we examine and explore political institutions, culture, class, gender, ethnicity, political economy, political theory and international relations. A Politics major aims to give you an understanding of how politics can and does operate at many levels—from the gender politics of the bedroom, home or workplace, to the government of nation states, and into the international realm. The study of politics is not just to do with how people organise power in the here and now, it also concerns itself with both the past and the future. Whether it is a country being studied, relations between countries, or a body of political ideas, studying Politics helps you engage with complex ideas about the individual, government and society.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [UOW Course Finder](#).

## Major Learning Outcomes

On successful completion of this major students will be able to:

CLO	Description
1	Evaluate different political systems and the contexts in which they operate

2	Critically analyse political issues and policy debates
3	Evaluate the influence of key political thinkers and their influence on contemporary debates
4	Apply different research methods used to investigate political phenomena

## Subjects Required for Major Study

Students studying the Politics major will complete at least 48 credit points as outlined below:

Subject Code	Subject Name	Credit Points
<b>Year 1 Core</b>		
POL 150	Government, Power and Political Systems	6
<b>Year 2 Core</b>		
INTS206	Methods in International Studies and Politics	6
<b>Year 3 Core</b>		
POL 304	Power and the State (Capstone)	6
<b>Electives:</b>		
<b>Plus a minimum of 30 credit points from the following. At least 18 credit points must be at 300 level.</b>		
POL 201	Key Concepts and Thinkers in Political Theory	6
POL 202	Politics in the USA	6
POL 204	Politics and the Media	6
POL 221	Australian Politics	6
POL 306	Complex Peace Operations	6
POL 308	The Politics of Asian Development	6
POL 309	Global Political Economy	6

<a href="#">POL 310</a>	Twentieth Century Dictatorships	6
<a href="#">POL 311</a>	Politics of the Middle East	6
<a href="#">POL 326</a>	Global Inequality	6
<a href="#">POL 327</a>	Culture and Politics	6
<a href="#">POL 328</a>	Special Topics in Politics	6
<a href="#">POL 345</a>	Politics Internship	6
<a href="#">POL 346</a>	Australian National Internship Program	12
<a href="#">POL 347</a>	Uni-Capitol Washington Internship Program	12
<b>A maximum of TWO of the following can be included in the 30 credit points of electives:</b>		
<a href="#">INTS121</a>	Global Politics and Power	6
<a href="#">INTS200</a>	Model United Nations	6
<a href="#">INTS204</a>	Global Aid and Development: Challenges and Prospects	6
<a href="#">INTS207</a>	Conflict, Peace & Security	6
<a href="#">STS 302</a>	Climate Change Policy, Possible Futures	6

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Minor Study

A 24 credit point [minor](#) in Politics is available. Information is available on the [2019 LHA General Schedule of Minors page](#).

Students cannot complete both a major and minor in Politics.

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.



Students in the Politics Major can apply to the Discipline Leader to complete an Internship under the subjects [POL 345](#), [POL 346](#), or POL 347.

- [POL 345](#), Politics Internship, enables students to undertake internships in relevant political offices in the Illawarra or Sydney attached to the office of an elected politician, or working within a part of government bureaucracy. Students will undertake duties as directed by their supervisor in that institution.
- [POL 346](#), Australian National Internship Program (ANIP), is highly competitive and by application to the ANU. If selected students will undertake two months or more full-time work in as a parliamentary intern based in the offices of Members of Parliament and Senators and engaging with a range of activities that shape national policy-making. Placements in the Public Service or other agencies are also possible. Enrolment in [POL 346](#) is conditional on being selected for the ANIP.
- [POL 347](#), Uni-Capitol Washington Internship Program (UCWIP), provides interns with a unique perspective of the US political system and institutions over a two-month placement. In-office experiences will vary widely according to the needs of the congressional hosts but will typically include administrative functions, constituent liaison and legislative research and support. Interns are encouraged to attend hearings, briefings and press conferences both on and off Capitol Hill in addition to the UCWIP-organised briefings at the US State Department and the Australian Embassy.

## Honours

See [Bachelor of Arts \(Honours\)](#).

## Other Information

For further information email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 5 November, 2018

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# 2019 Undergraduate Courses

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Science and Technology Studies Major | 2019

At UOW, Science and Technology Studies addresses complex real world problems such as global warming, or how to regulate scientific research. It combines sociological and historical perspectives on science, technology, medicine, and develops the skills to analyse and advise on technological and environmental policy. Science and Technology Studies is a field that draws on the full range of disciplines in the social sciences and humanities to examine the ways that science and technology shape, and are shaped by, our society, politics, and culture. This degree explores current controversies, historical transformations, policy dilemmas, and broad philosophical questions.

### Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [UOW Course Finder](#).

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### Major Learning Outcomes

On successful completion of this major students will be able to:

CLO	Description
1	Critically evaluate key concepts from Science and Technology Studies that have contributed to research in its various sub-fields and how they

	are relevant to other areas of study
2	Exercise critical thinking and judgment to generate solutions to a range of problems in science and technology policy and decision-making processes
3	Create coherent analytical narratives which engage with key contemporary theories in Science and Technology Studies and related fields of study

## Subjects Required for Major Study

Students studying the Science and Technology Studies major will complete at least 48 credit points as outlined below:

Subject Code	Subject Name	Credit Points
<b>Year 1 Core - A minimum of ONE from the following:</b>		
<a href="#">STC 100</a>	Society, Culture and Technology	6
<a href="#">STS 112</a>	The Scientific Revolution	6
<b>Year 2 Core - A minimum of TWO from the following:</b>		
<a href="#">STS 209</a>	Knowledge and Truth in the Natural and Social Sciences	6
<a href="#">STS 216</a>	Environmental Sustainability, Risk and Governance	6
<a href="#">STS 286</a>	Risk, Media and Communication	6
<b>Year 3 Core</b>		
<a href="#">STS 302</a>	Climate Change Policy, Possible Futures (Capstone)	6
<b>Elective List</b>		
<b>Plus a minimum of FOUR from the following. At least THREE must be at 300 level:</b>		
<a href="#">CST 244</a>	The Secret Life of Policy	6
<a href="#">SOC 207</a>	Introduction to Social Theory	6

<a href="#">SOC 234</a>	Social Research Methods	6
<a href="#">SOC 251</a>	Genetics, Biotechnology and Society	6
<a href="#">SOC 328</a>	Social Policy, Neoliberalism and the 'Post-Welfare state'	6
<a href="#">SOC 329</a>	Globalisation and Social Transformation	6
<a href="#">SOC 344</a>	Emotions, Bodies & Society	6
<a href="#">SOC 347</a>	Sociology of Health, Illness and Medicine	6
<a href="#">INTS310</a>	Human Security, Global Capitalism and the Environment	8
<b>A maximum of ONE of the following subjects can be included in the four electives:</b>		
<a href="#">GEOG336</a>	Qualitative Research Design for Social Scientists	6
<a href="#">GEOG338</a>	Planning Urban Futures	6

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Minor Study

A 24 credit point minor in Science and Technology Studies is available. Information is available on the [2019 LHA General Schedule of Minors](#) page.

Students cannot complete both a major and minor in Science and Technology Studies.

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

The [Faculty of Law, Humanities and the Arts internship program](#) provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Students are also encouraged to consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Honours

See [Bachelor of Arts \(Honours\)](#).

## Other Information

For further information email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 18 June, 2020

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Science | 2019

Testamur Title of Degree:	Bachelor of Science
Abbreviation:	BSc
UOW Course Code:	757
CRICOS Code:	031274F
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Engineering and Information Sciences
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / BSc (Atmospheric Science) 757660 Wollongong / BSc (Biomolecular Physics) 757661 Wollongong / BSc (Nuclear Science and

## Overview

Physics provides the basis for making, interpreting, and extending observations relating to the behaviour and structure of matter. It is fundamental to the study of all sciences and has a key role to play in generating and supporting new technologies.

Students majoring in Physics study mechanics, thermodynamics, electricity and magnetism, vibrations, waves, optics, quantum and statistical mechanics, with options including: cosmology, astrophysics, energy and environmental physics, complemented by a number of advanced mathematics subjects.

The following majors are on offer in this Bachelor of Science program:

- Atmospheric Science
- Biomolecular Physics
- Nuclear Science and Technology
- Physics
- Physics and Mathematics

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Identify significant components of physical systems and describe their interactions.
2	Apply knowledge of fundamental physical laws to analyse behaviour and properties of a variety of physical systems
3	Demonstrate foundational knowledge of research principles and methods associated with physics.
4	Integrate technical and cognitive skills in reviewing, analysing and synthesising information to address specific themes in physics.



5	Demonstrate knowledge of physical principles underlying a variety of measurement techniques.
6	Demonstrated ability to conduct and interpret experiments using contemporary scientific instruments.
7	Communicate knowledge and ideas clearly and coherently by written and oral means.

## Course Structure

To complete the Bachelor of Science (in one of the five majors listed below) students are required to complete the subjects listed on each individual page.

## Majors

- [Atmospheric Science](#)
- [Biomolecular Physics](#)
- [Nuclear Science and Technology](#)
- [Physics](#)
- [Physics and Mathematics](#)

Each major has a common core:

- 10 core subjects (60 credit points);
- a minimum of 144 credit points in total.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Core Subjects</b>			
<b>Year 1</b>			
<a href="#">PHYS141</a>	Fundamentals of Physics A	6	Autumn
<a href="#">MATH187</a>	Mathematics 1: Algebra and Differential Calculus	6	Autumn
<a href="#">PHYS142</a>	Fundamentals of Physics B	6	Spring
<a href="#">MATH188</a>	Mathematics 2: Series and Integral Calculus	6	Spring
<b>Year 2</b>			
<a href="#">PHYS205</a>	Advanced Modern Physics	6	Autumn

<a href="#">MATH202</a>	Differential Equations: Analysis and Applications	6	Autumn
<a href="#">MATH201</a>	Multivariate and Vector Calculus	6	Autumn
<a href="#">PHYS215</a>	Vibrations, Waves & Optics	6	Autumn
<a href="#">PHYS225</a>	Electromagnetism and Optoelectronics	6	Spring
<a href="#">PHYS235</a>	Mechanics & Thermodynamics	6	Spring

## Advanced Honours

The Bachelor of Science Advanced (Honours) program is a 4 year degree which includes an honours year and offers majors in:

- Atmospheric Science
- Biomolecular Physics and
- Physics.

Students with an average WAM of 80% or more may apply to transfer to the Advanced degree. Information on the Advanced Honours Program is available at [Bachelor of Science Advanced \(Honours\)](#).

## Honours

Students with a good academic record are encouraged to proceed to an Honours year, a fourth year of study providing training in independent research. Further information on the Honours Program is available at [Bachelor of Science \(Honours\) \(Physics\)](#).

## Professional Recognition/Accreditation

The Bachelor of Science (Physics) and the Honours degree conform to the requirements for membership of the [Australian Institute of Physics](#).

## Other Information

For further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or [Academic Program Director](#)

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# 2019 Undergraduate Courses

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Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Mathematics and Finance (Honours) with no major | 2020

The following subjects must be completed within the Bachelor of Mathematics and Finance (Honours) degree to satisfy the requirements of the degree with no major:

One of [CSIT110](#) or [CSIT111](#), [ECON100](#), [ECON331](#), [MATH123](#).

The following program of study is recommended to satisfy the Bachelor of Mathematics and Finance (Honours) degree with no declared major in minimum time.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">ACCY111</a>	Accounting Fundamentals In Society	6	Autumn, Spring
<a href="#">FIN 111</a>	Introductory Principles of Finance	6	Autumn, Spring, Summer 2020/2021
<a href="#">MATH100</a>	Introduction to Mathematics	6	Autumn

MATH187	Mathematics 1: Algebra and Differential Calculus	6	Autumn
ACCY112	Accounting In Organisations	6	Autumn, Spring, Summer 2020/2021
MATH123	Discrete Mathematics and Difference Equations	6	Spring
MATH188	Mathematics 2: Series and Integral Calculus	6	Spring
STAT101	Introduction to Statistics	6	Spring
<b>Year 2</b>			
FIN 222	Corporate Finance	6	Autumn, Spring
MATH201	Multivariate and Vector Calculus	6	Autumn
MATH202	Differential Equations: Analysis and Applications	6	Autumn
STAT201	Random Variables and Estimation	6	Autumn
ECON100	Economic Essentials for Business	6	Autumn, Spring
FIN 223	Investment Analysis	6	Autumn, Spring
MATH203	Linear Algebra and Groups	6	Spring
STAT202	Statistical Inference and Introduction to Model Building	6	Spring
<b>Year 3</b>			
CSIT110 or CSIT111	Fundamental Programming with Python  Programming Fundamentals	6	Autumn

<a href="#">MATH317</a>	Financial Mathematics	6	Autumn
<a href="#">STAT332</a>	Linear and Generalised Linear Models	6	Autumn
Plus ONE 300-level MATH/STAT subject		6	Autumn
<a href="#">FIN 322</a>	Advanced Corporate Finance	6	Spring
<a href="#">ECON331</a>	Financial Economics	6	Spring
Plus TWO subjects chosen from the <a href="#">List of Electives</a>		12	Spring
<b>Year 4</b>			
<a href="#">INFO401</a>	Mathematics and Finance Honours Project	12	Annual, Spring 2019/Autumn 2020
<a href="#">MATH407</a>	Research Methods	6	Autumn
Plus TWO subjects chosen from the <a href="#">List of Electives</a> , including at least 6 credit points of 400-level MATH/STAT/INFO			
Plus THREE subjects chosen from the <a href="#">List of Electives</a> , including at least 6 credit points of 300-level FIN/ECON/ACCY			

Last reviewed: 1 October, 2019

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# 2019 Undergraduate Courses

Home

□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Financial Planning Major | 2020

This major is particularly applicable to those who wish to pursue a career within the financial services industry by gaining professional qualifications in the areas of providing financial planning and financial advice to clients. The areas of service provision are very wide including investment and asset portfolio construction and advice, superannuation, retirement and estate planning and associated services. In Australia, the Financial Planning Association of Australia is the relevant professional body.

## Subjects Required for Major Study

The following subjects must be completed within the Bachelor of Mathematics and Finance (Honours) degree to satisfy the requirements of the Financial Planning major:

[ACCY228](#), [CSIT110](#), [ECON100](#), [ECON331](#), [FIN 252](#), [FIN 320](#), [FIN 328](#), [FIN 329](#), [FIN 423](#), [LAW 101](#), one of [MGNT110](#) or [MARK101](#).

This major is currently under consideration for accreditation. If successful, to be eligible for the accreditation students who have not completed [LAW 101](#) prior to 2019, must also take LAW 302. Please consult the Academic Program Director for advice on the program of study.

The following program of study is recommended to satisfy this major in the Bachelor of Mathematics and Finance (Honours) degree in the minimum time.

Subject	Subject Name	Credit	Session(s)
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Code		Points	
<b>Year 1</b>			
ACCY111	Accounting Fundamentals In Society	6	Autumn, Spring
FIN 111	Introductory Principles of Finance	6	Autumn, Spring, Summer 2020/2021
MATH100	Introduction to Mathematics	6	Autumn
MATH187	Mathematics 1: Algebra and Differential Calculus	6	Autumn
ACCY112	Accounting In Organisations	6	Autumn, Spring, Summer 2020/2021
ECON100	Economic Essentials for Business	6	Autumn, Spring
MATH188	Mathematics 2: Series and Integral Calculus	6	Spring
STAT101	Introduction to Statistics	6	Spring
<b>Year 2</b>			
FIN 222	Corporate Finance	6	Autumn, Spring
MATH201	Multivariate and Vector Calculus	6	Autumn
MATH202	Differential Equations: Analysis and Applications	6	Autumn
STAT201	Random Variables and Estimation	6	Autumn
FIN 223	Investment Analysis	6	Autumn, Spring
FIN 322	Advanced Corporate	6	Spring

	Finance		
MGNT110 or MARK101	Introduction to Management  Marketing Principles	6	Autumn, Spring, Summer 2020/2021
STAT202	Statistical Inference and Introduction to Model Building	6	Spring
<b>Year 3</b>			
CSIT110	Fundamental Programming with Python	6	Autumn
FIN 252	Personal Finance	6	Autumn
FIN 328	Retirement and Estate Planning	6	Autumn
LAW 101	Introduction to Law	6	Autumn
ACCY228	Taxation for Financial Planners	6	Spring
FIN 320	Risk and Insurance	6	Spring
FIN 329	Advanced Financial Planning	6	Spring
MATH203	Linear Algebra and Groups	6	Spring
<b>Year 4</b>			
INFO401	Mathematics and Finance Honours Project	12	Annual, Spring 2020/Autumn 2021
MATH317	Financial Mathematics	6	Autumn
MATH407	Research Methods	6	Autumn
STAT332	Generalised Linear Models	6	Autumn
ECON331	Financial Economics	6	Spring

FIN 423	Portfolio Management	6	Trimester 1
Plus ONE 400-level MATH/STAT/INFO subject from the List of Electives			

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Other Information

For further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au)

Last reviewed: 1 October, 2019

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Mathematical Economics Major | 2019

The aim of this major is to provide students with a grounding in the necessary skills for the application of mathematical methods, concepts and reasoning to economic theory and problem solving in both micro-economics and macro-economics. The mathematical foundation includes econometrics, financial and linear modelling and calculus, differential equations, statistics and associated topics.

### Subjects Required for Major Study

The following subjects must be completed within the Bachelor of Mathematics and Finance (Honours) degree to satisfy the requirements of the Mathematical Economics major:

[CSIT110](#), [ECON100](#), [ECON205](#), [ECON215](#), [ECON305](#), [ECON331](#), [ECON339](#), [MATH123](#), [MATH305](#)

The following program of study is recommended to satisfy this major in the Bachelor of Mathematics and Finance (Honours) degree in minimum time.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">ACCY111</a>	Accounting Fundamentals In Society	6	Autumn, Spring

FIN 111	Introductory Principles of Finance	6	Autumn, Spring, Summer 2019/2020
MATH100	Introduction to Mathematics	6	Autumn
MATH187	Mathematics 1: Algebra and Differential Calculus	6	Autumn
ACCY112	Accounting In Organisations	6	Autumn, Spring, Summer 2019/2020
MATH123	Discrete Mathematics and Difference Equations	6	Spring
MATH188	Mathematics 2: Series and Integral Calculus	6	Spring
STAT101	Introduction to Statistics	6	Spring
<b>Year 2</b>			
FIN 222	Corporate Finance	6	Autumn, Spring
MATH201	Multivariate and Vector Calculus	6	Autumn
MATH202	Differential Equations: Analysis and Applications	6	Autumn
STAT201	Random Variables and Estimation	6	Autumn
ECON100	Economic Essentials for Business	6	Autumn, Spring
FIN 223	Investment Analysis	6	Autumn, Spring
MATH203	Linear Algebra and Groups	6	Spring
STAT202	Statistical Inference and Introduction to Model	6	Spring

	Building		
<b>Year 3</b>			
<a href="#">CSIT110</a>	Fundamental Programming with Python	6	Autumn
<a href="#">ECON215</a>	Microeconomic Theory and Policy	6	Autumn
<a href="#">MATH317</a>	Financial Mathematics	6	Autumn
<a href="#">STAT332</a>	Linear and Generalised Linear Models	6	Spring
<a href="#">ECON205</a>	Macroeconomic Theory and Policy	6	Autumn, Spring
<a href="#">ECON339</a>	Applied Financial Modelling	6	Spring
<a href="#">FIN 322</a>	Advanced Corporate Finance	6	Spring
Plus ONE subject chosen from the <a href="#">List of Electives</a>			
<b>Year 4</b>			
<a href="#">INFO401</a>	Mathematics and Finance Honours Project	12	Annual, Spring 2019/Autumn 2020
<a href="#">MATH305</a>	Partial Differential Equations	6	Spring
<a href="#">MATH407</a>	Research Methods	6	Autumn
Plus ONE 400-level MATH/STAT/INFO subject from the <a href="#">List of Electives</a>			
<a href="#">ECON305</a>	Economic Policy	6	Spring
<a href="#">ECON331</a>	Financial Economics	6	Spring



# Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Other Information

For further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au)

Last reviewed: 6 November, 2018

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# 2019 Undergraduate Courses

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Quantitative Corporate Finance and Investments Major | 2019

This major targets those students interested in careers in the tools, analysis and making of corporate and business financial decision-making from a quantitative perspective. These decision-making processes may be short-term or long-term. Long-term decisions typically deal with the choice and type of corporate investments, sources of equity or debt funding and financial risk management. Short-term decisions mainly deal with working capital management of short-term assets and liabilities. There are several professional bodies covering corporate treasurers and analysts.

### Subjects Required for Major Study

The following subjects must be completed within the Bachelor of Mathematics and Finance (Honours) degree to satisfy the requirements of the Quantitative Corporate Finance and Investments major: [CSIT111](#), [CSIT113](#), [CSIT121](#), [ECON100](#), [FIN 320](#), [FIN 423](#), [MATH305](#), [MATH472](#), [STAT304](#), [STAT471](#).

The following program of study is recommended to satisfy this major in the the minimum time.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">ACCY111</a>	Accounting	6	Autumn, Spring

	Fundamentals In Society		
FIN 111	Introductory Principles of Finance	6	Autumn, Spring, Summer 2019/2020
MATH100	Introduction to Mathematics	6	Autumn
MATH187	Mathematics 1: Algebra and Differential Calculus	6	Autumn
ACCY112	Accounting In Organisations	6	Autumn, Spring, Summer 2019/2020
CSIT111	Programming Fundamentals	6	Autumn, Spring
MATH188	Mathematics 2: Series and Integral Calculus	6	Spring
STAT101	Introduction to Statistics	6	Spring
<b>Year 2</b>			
FIN 222	Corporate Finance	6	Autumn, Spring
MATH201	Multivariate and Vector Calculus	6	Autumn
MATH202	Differential Equations: Analysis and Applications	6	Autumn
STAT201	Random Variables and Estimation	6	Autumn
CSIT21	Object Oriented Design and Programming	6	Autumn, Spring, Summer 2019/2020
ECON100	Economic Essentials for Business	6	Autumn, Spring

FIN 223	Investment Analysis	6	Autumn, Spring
STAT202	Statistical Inference and Introduction to Model Building	6	Spring
<b>Year 3</b>			
CSIT113	Problem Solving	6	Autumn
MATH305	Partial Differential Equations	6	Spring
MATH317	Financial Mathematics	6	Autumn
STAT332	Linear and Generalised Linear Models	6	Spring
FIN 320	Risk and Insurance	6	Spring
FIN 322	Advanced Corporate Finance	6	Spring
MATH203	Linear Algebra and Groups	6	Spring
STAT304	Applied Probability and Financial Risk	6	Autumn
<b>Year 4</b>			
INFO401	Mathematics and Finance Honours Project	12	Annual, Spring 2019/Autumn 2020
FIN 323	Portfolio Analysis	6	Autumn
MATH407	Research Methods	6	Autumn
STAT471	Honours Topics in Statistics A	6	Autumn, Spring
FIN 423	Portfolio Management	6	Not available in 2019
MATH472	Honours Topics in Mathematics B	6	Autumn, Spring

Plus ONE subject chosen from the [List of Electives](#)

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Other Information

For further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au)

Last reviewed: 12 October, 2018

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Quantitative and Computational Trading Major | 2019

On successful completion of this major, students will have a solid foundation in mathematical finance and the specialist practical skills necessary to be successful as a quantitative trader. Students will acquire mathematical, statistical, financial and computer skills to understand, implement and develop computer-driven trading strategies and be able to make informed investment decisions and evaluate portfolio risks.

### Subjects Required for Major Study

The following subjects must be completed within the Bachelor of Mathematics and Finance (Honours) degree to satisfy the requirements of the Quantitative Computational Trading major:

[CSCI251](#), [CSIT111](#), [CSIT113](#), [CSIT226](#), [ECON331](#), [INFO411](#), [MATH318](#), [MATH472](#), [STAT304](#), [STAT473](#)

The following program of study is recommended to satisfy this major in the Bachelor of Mathematics and Finance (Honours) degree in minimum time.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">ACCY111</a>	Accounting	6	Autumn, Spring

	Fundamentals In Society		
CSIT111	Programming Fundamentals	6	Autumn, Spring
MATH100	Introduction to Mathematics	6	Autumn
MATH187	Mathematics 1: Algebra and Differential Calculus	6	Autumn
ACCY112	Accounting In Organisations	6	Autumn, Spring, Summer 2019/2020
FIN 111	Introductory Principles of Finance	6	Autumn, Spring, Summer 2019/2020
MATH188	Mathematics 2: Series and Integral Calculus	6	Spring
STAT101	Introduction to Statistics	6	Spring
<b>Year 2</b>			
FIN 222	Corporate Finance	6	Autumn, Spring
MATH201	Multivariate and Vector Calculus	6	Autumn
MATH202	Differential Equations: Analysis and Applications	6	Autumn
STAT201	Random Variables and Estimation	6	Autumn
CSIT121	Object Oriented Design and Programming	6	Autumn, Spring, Summer 2019/2020
CSIT226	Human Computer Interaction	6	Spring

FIN 223	Investment Analysis	6	Autumn, Spring
STAT202	Statistical Inference and Introduction to Model Building	6	Spring
<b>Year 3</b>			
CSCI251	Advanced Programming	6	Autumn, Spring
CSIT113	Problem Solving	6	Autumn
MATH317	Financial Mathematics	6	Autumn
STAT332	Linear and Generalised Linear Models	6	Spring
FIN 322	Advanced Corporate Finance	6	Spring
MATH203	Linear Algebra and Groups	6	Spring
MATH318	Mathematical Optimisation and Operations Research	6	Spring
STAT304	Applied Probability and Financial Risk	6	Autumn
<b>Year 4</b>			
INFO401	Mathematics and Finance Honours Project	12	Annual, Spring 2019/Autumn 2020
INFO411	Data Mining and Knowledge Discovery	6	Autumn
MATH407	Research Methods	6	Autumn
STAT473	Honours Topics in Statistics C *	6	Autumn, Spring
ECON331	Financial Economics	6	Spring
MATH472	Honours Topics in Mathematics B **	6	Autumn, Spring



Plus ONE 300- or 400-level FIN/ECON/ACCY subject from the [List of Electives](#)

\* [STAT473](#) is the 400-level equivalent of STAT920.

\*\* [MATH472](#) is the 400-level equivalent of MATH942.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Other Information

For further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au)

Last reviewed: 7 November, 2018

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Risk Management and Insurance Major | 2019

This major is intended for students interested in financial risk management and the actuarial profession. Risk management is now recognised as an essential part of strategic objectives at both personal, corporate and government levels. A strong background in mathematics and statistics, which this specialisation provides, is essential to a career in corporate and banking risk management such as market, credit and operational risk.

The profession covers a wide range of activities including the assessing, quantifying, monitoring and mitigating of financial risk exposures for projects, companies and financial institutions. It also monitors compliance with relevant financial regulations. In particular, actuaries are professionals with strong mathematical backgrounds who deal with the financial impact of risk and uncertainty. In Australia, the Institute of Actuaries of Australia is the relevant professional body.

STUDENTS

### Subjects Required for Major Study

The following subjects must be completed within the Bachelor of Mathematics and Finance (Honours) degree to satisfy the requirements of the Risk Management and Insurance major:

[CSIT110](#), [ECON100](#), [ECON205](#), [ECON331](#), [FIN 320](#), [FIN 328](#), [MATH123](#), [MATH305](#), [STAT304](#), [STAT354](#).

The following program of study is recommended to satisfy this major in the

Bachelor of Mathematics and Finance (Honours) degree in minimum time.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
ACCY111	Accounting Fundamentals In Society	6	Autumn, Spring
FIN 111	Introductory Principles of Finance	6	Autumn, Spring, Summer 2019/2020
MATH100	Introduction to Mathematics	6	Autumn
MATH187	Mathematics 1: Algebra and Differential Calculus	6	Autumn
ACCY112	Accounting In Organisations	6	Autumn, Spring, Summer 2019/2020
MATH123	Discrete Mathematics and Difference Equations	6	Spring
MATH188	Mathematics 2: Series and Integral Calculus	6	Spring
STAT101	Introduction to Statistics	6	Spring
<b>Year 2</b>			
FIN 222	Corporate Finance	6	Autumn, Spring
MATH201	Multivariate and Vector Calculus	6	Autumn
MATH202	Differential Equations: Analysis and Applications	6	Autumn
STAT201	Random Variables and Estimation	6	Autumn

<a href="#">ECON100</a>	Economic Essentials for Business	6	Autumn, Spring
<a href="#">FIN 223</a>	Investment Analysis	6	Autumn, Spring
<a href="#">MATH203</a>	Linear Algebra and Groups	6	Spring
<a href="#">STAT202</a>	Statistical Inference and Introduction to Model Building	6	Spring
<b>Year 3</b>			
<a href="#">CSIT110</a>	Fundamental Programming with Python	6	Autumn
<a href="#">FIN 328</a>	Retirement and Estate Planning	6	Autumn
<a href="#">MATH305</a>	Partial Differential Equations	6	Spring
<a href="#">MATH317</a>	Financial Mathematics	6	Autumn
<a href="#">ECON205</a>	Macroeconomic Theory and Policy	6	Autumn, Spring
<a href="#">FIN 320</a>	Risk and Insurance	6	Spring
<a href="#">FIN 322</a>	Advanced Corporate Finance	6	Spring
Plus ONE subject chosen from the <a href="#">List of Electives</a>			
<b>Year 4</b>			
<a href="#">INFO401</a>	Mathematics and Finance Honours Project	12	Annual, Spring 2019/Autumn 2020
<a href="#">MATH407</a>	Research Methods	6	Autumn
<a href="#">STAT304</a>	Applied Probability and Financial Risk	6	Autumn
<a href="#">STAT332</a>	Linear and Generalised	6	Spring

	Linear Models		
<a href="#">ECON331</a>	Financial Economics	6	Spring
<a href="#">STAT353</a>	Applied Data Analysis and Model Building	6	Spring
Plus ONE 400-level MATH/STAT/INFO subject from the <a href="#">List of Electives</a>			

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Other Information

For further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au)

Last reviewed: 18 December, 2018

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# 2019 Undergraduate Courses

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Students are to follow the requirements of the **Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Mathematics and Finance (Honours) (Dean's Scholar) with no major | 2019

The following subjects must be completed within the Bachelor of Mathematics and Finance (Honours) (Dean's Scholar) degree to satisfy the requirements of the degree with no major:

One of [CSIT110](#) or [CSIT111](#), [ECON100](#), [ECON331](#), [MATH123](#), MATH407.

The following program of study is recommended to satisfy the requirements of the Bachelor of Mathematics and Finance (Honours) (Dean's Scholar) degree with no declared major in minimum time.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">ACCY111</a>	Accounting Fundamentals In Society	6	Autumn, Spring
<a href="#">FIN 111</a>	Introductory Principles of Finance	6	Autumn, Spring, Summer 2019/2020
<a href="#">MATH100</a>	Introduction to	6	Autumn



	Mathematics		
MATH187	Mathematics 1: Algebra and Differential Calculus	6	Autumn
ACCY112	Accounting In Organisations	6	Autumn, Spring, Summer 2019/2020
MATH123	Discrete Mathematics and Difference Equations	6	Spring
MATH188	Mathematics 2: Series and Integral Calculus	6	Spring
STAT101	Introduction to Statistics	6	Spring
<b>Year 2</b>			
FIN 222	Corporate Finance	6	Autumn, Spring
MATH201	Multivariate and Vector Calculus	6	Autumn
MATH202	Differential Equations: Analysis and Applications	6	Autumn
STAT201	Random Variables and Estimation	6	Autumn
ECON100	Economic Essentials for Business	6	Autumn, Spring
FIN 223	Investment Analysis	6	Autumn, Spring
MATH203	Linear Algebra and Groups	6	Spring
STAT202	Statistical Inference and Introduction to Model Building	6	Spring
<b>Year 3</b>			
CSIT110 or CSIT111	Fundamental Programming with Python	6	Autumn

	Programming Fundamentals		
<a href="#">MATH317</a>	Financial Mathematics	6	Autumn
<a href="#">STAT332</a>	Linear and Generalised Linear Models	6	Spring
Plus ONE 300-level MATH/STAT subject		6	Autumn
<a href="#">FIN 322</a>	Advanced Corporate Finance	6	Spring
<a href="#">ECON331</a>	Financial Economics	6	Spring
<a href="#">MATH235</a> or <a href="#">STAT235</a>	Mathematics Project A or Statistics Project A	6	Autumn, Spring
Plus ONE subject chosen from the <a href="#">List of Electives</a>		6	Spring
<b>Year 4</b>			
<a href="#">INFO401</a>	Mathematics and Finance Honours Project	12	Annual, Spring 2019/Autumn 2020
<a href="#">MATH407</a>	Research Methods*	6	Autumn
Plus TWO subjects chosen from the <a href="#">List of Electives</a> , including at least 6 credit points of 400-level MATH/STAT/INFO			
Plus THREE subjects chosen from the <a href="#">List of Electives</a> , including at least 6 credit points of 300-level FIN/ECON/ACCY			

\* Students may replace [MATH407](#) with a 400-level subject from the [List of Electives](#).

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Mathematics and Finance (Honours) (Dean's Scholar) | 2019

### Financial Planning Major

This major is particularly applicable to those who wish to pursue a career within the financial services industry by gaining professional qualifications in the areas of providing financial planning and financial advice to clients. The areas of service provision are very wide, including investment and asset portfolio construction and advice, superannuation, retirement and estate planning and associated services. In Australia, the Financial Planning Association of Australia is the relevant professional body.

This major is currently under consideration for accreditation. If successful, to be eligible for the accreditation, students who have not completed [LAW 101](#) prior to 2019 must also take LAW 302. Please consult the Academic Program Director for advice on the program of study.

### Subjects required for major study

The following subjects must be completed within the Bachelor of Mathematics and Finance (Honours) (Dean's Scholar) degree to satisfy the requirements of the Financial Planning major:

[ACCY228](#), [CSIT110](#), [ECON100](#), [ECON331](#), [FIN 252](#), [FIN 320](#), [FIN 328](#), [FIN 329](#), [FIN 423](#), [LAW 101](#), one of [MGNT110](#) or [MARK101](#).

The following program of study is recommended to satisfy this major in the Bachelor of Mathematics and Finance (Honours) (Dean's Scholar) degree in minimum time.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
ACCY111	Accounting Fundamentals In Society	6	Autumn, Spring
FIN 111	Introductory Principles of Finance	6	Autumn, Spring, Summer 2019/2020
MATH100	Introduction to Mathematics	6	Autumn
MATH187	Mathematics 1: Algebra and Differential Calculus	6	Autumn
ACCY112	Accounting In Organisations	6	Autumn, Spring, Summer 2019/2020
ECON100	Economic Essentials for Business	6	Autumn, Spring
MATH188	Mathematics 2: Series and Integral Calculus	6	Spring
STAT101	Introduction to Statistics	6	Spring
<b>Year 2</b>			
FIN 222	Corporate Finance	6	Autumn, Spring
MATH201	Multivariate and Vector Calculus	6	Autumn
MATH202	Differential Equations: Analysis and Applications	6	Autumn
STAT201	Random Variables and Estimation	6	Autumn
FIN 223	Investment Analysis	6	Autumn, Spring

<a href="#">FIN 322</a>	Advanced Corporate Finance	6	Spring
<a href="#">MGNT110</a> or <a href="#">MARK101</a>	Introduction to Management Marketing Principles	6	Autumn, Spring, Summer 2019/2020
<a href="#">STAT202</a>	Statistical Inference and Introduction to Model Building	6	Spring
<b>Year 3</b>			
<a href="#">CSIT110</a>	Fundamental Programming with Python	6	Autumn
<a href="#">FIN 252</a>	Personal Finance	6	Autumn
<a href="#">LAW 101</a>	Introduction to Law	6	Autumn
<a href="#">MATH235</a> or <a href="#">STAT235</a>	Mathematics Project A Statistics Project A	6	Autumn, Spring
<a href="#">ACCY228</a>	Taxation for Financial Planners	6	Spring
<a href="#">FIN 320</a>	Risk and Insurance	6	Spring
<a href="#">FIN 329</a>	Advanced Financial Planning	6	Spring
<a href="#">MATH203</a>	Linear Algebra and Groups	6	Spring
<b>Year 4</b>			
<a href="#">INFO401</a>	Mathematics and Finance Honours Project	12	Annual, Spring 2019/Autumn 2020
<a href="#">FIN 328</a>	Retirement and Estate Planning	6	Autumn

<a href="#">MATH317</a>	Financial Mathematics	6	Autumn
<a href="#">STAT332</a>	Linear and Generalised Linear Models	6	Spring
<a href="#">ECON331</a>	Financial Economics	6	Spring
<a href="#">FIN 423</a>	Portfolio Management	6	Not available in 2019
Plus ONE 400-level MATH/STAT/INFO subject from the <a href="#">List of Electives</a> (not MATH407)			

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the Course Finder.

## Other information

For further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au)

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# 2019 Undergraduate Courses

Home

□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Mathematics and Finance (Honours) (Dean's Scholar) | 2019

### Mathematical Economics major

The aim of this major is to provide students with a grounding in the necessary skills for the application of mathematical methods, concepts and reasoning to economic theory and problem-solving in both micro-economics and macro-economics. The mathematical foundation includes econometrics, financial and linear modelling and calculus, differential equations, statistics, and associated topics.

### Subjects required for major study

The following subjects must be completed within the Bachelor of Mathematics and Finance (Honours) (Dean's Scholar) degree to satisfy the requirements of the Mathematical Economics major:

[CSIT110](#), [ECON100](#), [ECON205](#), [ECON305](#), [ECON331](#), [ECON339](#), [MATH123](#), [MATH305](#), [MATH407](#).

The following program of study is recommended to satisfy this major in the Bachelor of Mathematics and Finance (Honours) (Dean's Scholar) degree in minimum time.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			

ACCY111	Accounting Fundamentals In Society	6	Autumn, Spring
FIN 111	Introductory Principles of Finance	6	Autumn, Spring, Summer 2019/2020
MATH100	Introduction to Mathematics	6	Autumn
MATH187	Mathematics 1: Algebra and Differential Calculus	6	Autumn
ACCY112	Accounting In Organisations	6	Autumn, Spring, Summer 2019/2020
MATH123	Discrete Mathematics and Difference Equations	6	Spring
MATH188	Mathematics 2: Series and Integral Calculus	6	Spring
STAT101	Introduction to Statistics	6	Spring
<b>Year 2</b>			
FIN 222	Corporate Finance	6	Autumn, Spring
MATH201	Multivariate and Vector Calculus	6	Autumn
MATH202	Differential Equations: Analysis and Applications	6	Autumn
STAT201	Random Variables and Estimation	6	Autumn
ECON100	Economic Essentials for Business	6	Autumn, Spring
FIN 223	Investment Analysis	6	Autumn, Spring
MATH203	Linear Algebra and Groups	6	Spring

STAT202	Statistical Inference and Introduction to Model Building	6	Spring
<b>Year 3</b>			
CSIT110	Fundamental Programming with Python	6	Autumn
ECON215	Microeconomic Theory and Policy	6	Autumn
MATH317	Financial Mathematics	6	Autumn
STAT332	Linear and Generalised Linear Models	6	Spring
ECON205	Macroeconomic Theory and Policy	6	Autumn, Spring
ECON339	Applied Financial Modelling	6	Spring
FIN 322	Advanced Corporate Finance	6	Spring
MATH235 or STAT235	Mathematics Project A Statistics Project A	6	Autumn, Spring
<b>Year 4</b>			
INFO401	Mathematics and Finance Honours Project	12	Annual, Spring 2019/Autumn 2020
MATH305	Partial Differential Equations	6	Spring
MATH407	Research Methods*	6	Autumn
Plus ONE 400-level MATH/STAT/INFO subject from the <a href="#">List of Electives</a>			
ECON305	Economic Policy	6	Spring

ECON331	Financial Economics	6	Spring
Plus ONE subject chosen from the <a href="#">List of Electives</a>			

\* Students may replace [MATH407](#) with a 400-level subject from the [List of Electives](#).

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the Course Finder.

## Other information

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# 2019 Undergraduate Courses

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Mathematics and Finance (Honours) (Dean's Scholar) | 2019

### Quantitative Corporate Finance and Investments major

This major targets those students interested in careers in the tools, analysis and making of corporate and business financial decision-making from a quantitative perspective. These decision-making processes may be short-term or long-term. Long-term decisions typically deal with the choice and type of corporate investments, sources of equity or debt funding and financial risk management. short-term decisions mainly deal with working capital management of short-term assets and liabilities. There are several professional bodies covering corporate treasurers and analysts.

### Subjects required for major study

The following subjects must be completed within the Bachelor of Mathematics and Finance (Honours) (Dean's Scholar) degree to satisfy the requirements of the Quantitative Corporate Finance and Investments major:

[CSIT111](#), [CSIT113](#), [CSIT21](#), [ECON100](#), [FIN 320](#), [FIN 323](#), [FIN 423](#), [MATH305](#), [MATH407](#), [MATH472](#), [STAT304](#), [STAT471](#).

The following program of study is recommended to satisfy this major in the Bachelor of Mathematics and Finance (Honours) (Dean's Scholar) degree in minimum time.

Subject	Subject Name	Credit	Session(s)
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Code		Points	
<b>Year 1</b>			
ACCY111	Accounting Fundamentals In Society	6	Autumn, Spring
FIN 111	Introductory Principles of Finance	6	Autumn, Spring, Summer 2019/2020
MATH100	Introduction to Mathematics	6	Autumn
MATH187	Mathematics 1: Algebra and Differential Calculus	6	Autumn
ACCY112	Accounting In Organisations	6	Autumn, Spring, Summer 2019/2020
CSIT111	Programming Fundamentals	6	Autumn, Spring
MATH188	Mathematics 2: Series and Integral Calculus	6	Spring
STAT101	Introduction to Statistics	6	Spring
<b>Year 2</b>			
FIN 222	Corporate Finance	6	Autumn, Spring
MATH201	Multivariate and Vector Calculus	6	Autumn
MATH202	Differential Equations: Analysis and Applications	6	Autumn
STAT201	Random Variables and Estimation	6	Autumn
CSIT21	Object Oriented Design and Programming	6	Autumn, Spring, Summer

			2019/2020
ECON100	Economic Essentials for Business	6	Autumn, Spring
FIN 223	Investment Analysis	6	Autumn, Spring
STAT202	Statistical Inference and Introduction to Model Building	6	Spring
<b>Year 3</b>			
CSIT113	Problem Solving	6	Autumn
MATH235 or STAT235	Mathematics Project A Statistics Project A	6	Autumn, Spring
MATH305	Partial Differential Equations	6	Spring
MATH317	Financial Mathematics	6	Autumn
FIN 320	Risk and Insurance	6	Spring
FIN 322	Advanced Corporate Finance	6	Spring
MATH203	Linear Algebra and Groups	6	Spring
STAT304	Applied Probability and Financial Risk	6	Autumn
<b>Year 4</b>			
INFO401	Mathematics and Finance Honours Project	12	Annual, Spring 2019/Autumn 2020
FIN 323	Portfolio Analysis	6	Autumn
MATH407	Research Methods*	6	Autumn
STAT332	Linear and Generalised Linear Models	6	Spring

<a href="#">FIN 423</a>	Portfolio Management	6	Not available in 2019
<a href="#">MATH472</a>	Honours Topics in Mathematics B	6	Autumn, Spring
<a href="#">STAT471</a>	Honours Topics in Statistics A	6	Autumn, Spring

\* Students may replace [MATH407](#) with a 400-level subject from the [List of Electives](#).

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the Course Finder.

## Other Information

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# 2019 Undergraduate Courses

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Mathematics and Finance (Honours) (Dean's Scholar) | 2019

### Quantitative Computational Trading major

On successful completion of this major, students will have a solid foundation in mathematical finance and the specialist practical skills necessary to be successful as a quantitative trader. Students will acquire mathematical, statistical, financial and computer skills to understand, implement and develop computer-driven trading strategies and be able to make informed investment decisions and evaluate portfolio risks.

### Subjects required for major study

The following subjects must be completed within the Bachelor of Mathematics and Finance (Honours) (Dean's Scholars) degree to satisfy the requirements of the Quantitative Computational Trading major:

[CSCI251](#), [CSIT111](#), [CSIT113](#), [CSIT121](#), [CSIT226](#), [ECON331](#), [INFO411](#), [MATH318](#), [MATH472](#), [STAT304](#), [STAT473](#)

The following program of study is recommended to satisfy this major in the Bachelor of Mathematics and Finance (Honours) (Dean's Scholar) degree in minimum time.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			

<a href="#">ACCY111</a>	Accounting Fundamentals In Society	6	Autumn, Spring
<a href="#">CSIT111</a>	Programming Fundamentals	6	Autumn, Spring
<a href="#">MATH100</a>	Introduction to Mathematics	6	Autumn
<a href="#">MATH187</a>	Mathematics 1: Algebra and Differential Calculus	6	Autumn
<a href="#">ACCY112</a>	Accounting In Organisations	6	Autumn, Spring, Summer 2019/2020
<a href="#">FIN 111</a>	Introductory Principles of Finance	6	Autumn, Spring, Summer 2019/2020
<a href="#">MATH188</a>	Mathematics 2: Series and Integral Calculus	6	Spring
<a href="#">STAT101</a>	Introduction to Statistics	6	Spring
<b>Year 2</b>			
<a href="#">FIN 222</a>	Corporate Finance	6	Autumn, Spring
<a href="#">MATH201</a>	Multivariate and Vector Calculus	6	Autumn
<a href="#">MATH202</a>	Differential Equations: Analysis and Applications	6	Autumn
<a href="#">STAT201</a>	Random Variables and Estimation	6	Autumn
<a href="#">CSIT121</a>	Object Oriented Design and Programming	6	Autumn, Spring, Summer 2019/2020
<a href="#">CSIT226</a>	Human Computer Interaction	6	Spring

<a href="#">FIN 223</a>	Investment Analysis	6	Autumn, Spring
<a href="#">STAT202</a>	Statistical Inference and Introduction to Model Building	6	Spring
<b>Year 3</b>			
<a href="#">CSCI251</a>	Advanced Programming	6	Autumn, Spring
<a href="#">CSIT113</a>	Problem Solving	6	Autumn
<a href="#">MATH317</a>	Financial Mathematics	6	Autumn
<a href="#">MATH235</a> or <a href="#">STAT235</a>	Mathematics Project A Statistics Project A	6	Autumn, Spring
<a href="#">FIN 322</a>	Advanced Corporate Finance	6	Spring
<a href="#">MATH203</a>	Linear Algebra and Groups	6	Spring
<a href="#">MATH318</a>	Mathematical Optimisation and Operations Research	6	Spring
<a href="#">STAT304</a>	Applied Probability and Financial Risk	6	Autumn
<b>Year 4</b>			
<a href="#">INFO401</a>	Mathematics and Finance Honours Project	12	Annual, Spring 2019/Autumn 2020
<a href="#">INFO411</a>	Data Mining and Knowledge Discovery	6	Autumn
<a href="#">STAT332</a>	Linear and Generalised Linear Models	6	Spring
<a href="#">STAT473</a>	Honours Topics in Statistics C*	6	Autumn, Spring

<a href="#">ECON331</a>	Financial Economics	6	Spring
<a href="#">MATH472</a>	Honours Topics in Mathematics B**	6	Autumn, Spring
Plus ONE 300- or 400-level FIN/ECON/ACCY subject from the <a href="#">List of Electives</a>			

\* [STAT473](#) is the 400-level equivalent of STAT920.

\*\* [MATH472](#) is the 400-level equivalent of MATH942.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the Course Finder.

## Other information

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# 2019 Undergraduate Courses

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Mathematics and Finance (Honours) (Dean's Scholar) | 2019

### Risk Management and Insurance major

This major is intended for students interested in financial risk management and the actuarial profession. Risk management is now recognised as an essential part of strategic objectives at both personal, corporate and government levels. A strong background in mathematics and statistics, which this specialisation provides, is essential to a career in corporate and banking risk management such as market, credit and operational risk.

The profession covers a wide range of activities including the assessing, quantifying, monitoring and mitigating of financial risk exposures for projects, companies and financial institutions. It also monitors compliance with relevant financial regulations. In particular, actuaries are professionals with strong mathematical backgrounds who deal with the financial impact of risk and uncertainty. In Australia, the Institute of Actuaries of Australia is the relevant professional body.

### Subjects required for the major

The following subjects must be completed within the Bachelor of Mathematics and Finance (Honours) (Dean's Scholar) degree to satisfy the requirements of the Risk Management and Insurance major:

[CSIT110](#), [ECON100](#), [ECON205](#), [ECON331](#), [FIN 320](#), [FIN 328](#), [MATH123](#), [MATH305](#), [STAT304](#), [STAT354](#).

The following program of study is recommended to satisfy this major in the

Bachelor of Mathematics and Finance (Honours) (Dean's Scholar) degree in minimum time.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
ACCY111	Accounting Fundamentals In Society	6	Autumn, Spring
FIN 111	Introductory Principles of Finance	6	Autumn, Spring, Summer 2019/2020
MATH100	Introduction to Mathematics	6	Autumn
MATH187	Mathematics 1: Algebra and Differential Calculus	6	Autumn
ACCY112	Accounting In Organisations	6	Autumn, Spring, Summer 2019/2020
MATH123	Discrete Mathematics and Difference Equations	6	Spring
MATH188	Mathematics 2: Series and Integral Calculus	6	Spring
STAT101	Introduction to Statistics	6	Spring
<b>Year 2</b>			
FIN 222	Corporate Finance	6	Autumn, Spring
MATH201	Multivariate and Vector Calculus	6	Autumn
MATH202	Differential Equations: Analysis and Applications	6	Autumn
STAT201	Random Variables and Estimation	6	Autumn



ECON100	Economic Essentials for Business	6	Autumn, Spring
FIN 223	Investment Analysis	6	Autumn, Spring
MATH203	Linear Algebra and Groups	6	Spring
STAT202	Statistical Inference and Introduction to Model Building	6	Spring
<b>Year 3</b>			
CSIT110	Fundamental Programming with Python	6	Autumn
FIN 328	Retirement and Estate Planning	6	Autumn
MATH305	Partial Differential Equations	6	Spring
MATH317	Financial Mathematics	6	Autumn
ECON205	Macroeconomic Theory and Policy	6	Autumn, Spring
FIN 320	Risk and Insurance	6	Spring
FIN 322	Advanced Corporate Finance	6	Spring
MATH235 or STAT235	Mathematics Project A Statistics Project A	6	Autumn, Spring
<b>Year 4</b>			
INFO401	Mathematics and Finance Honours Project	12	Annual, Spring 2019/Autumn 2020
MATH407	Research Methods*	6	Autumn

<a href="#">STAT304</a>	Applied Probability and Financial Risk	6	Autumn
<a href="#">STAT332</a>	Linear and Generalised Linear Models	6	Spring
<a href="#">ECON331</a>	Financial Economics	6	Spring
<a href="#">STAT354</a>	Applied Data Analysis and Model Building	6	Not available in 2019
Plus ONE 400-level MATH/STAT/INFO subject from the <a href="#">List of Electives</a>			

\* Students may replace [MATH407](#) with a 400-level subject from the [List of Electives](#).

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Other information

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# 2019 Undergraduate Courses

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## Additional Information | 2019

### National Criminal Record Check

NSW Ministry of Health requires all students undertaking workplace experience as part of a health related course to undergo a National Criminal Record Check. The criminal record check must be obtained before a student can attend any clinical placement in a health facility. Students will be provided advice at enrolment and orientation on the process to be followed to obtain a suitable criminal record check. This includes either a National Police Certificate or a Federal Police Certificate.

In addition to this, overseas students are required to obtain a Police Certificate translated in English from their home country or complete a statutory declaration.

If a student's criminal record check indicates convictions it will not necessarily exclude them from workplace experience. Each situation will be individually assessed confidentially via a risk assessment process with NSW Ministry of Health. Note that there is a cost associated with obtaining a Criminal Record Check. It is the responsibility of the student to meet this cost. All information related to this can be located at [Criminal Records Section - NSW Police Force](#).

For further information on National Criminal Record Checks visit Student Clearances for Clinical Placements - NSW Department of Health.

### Vaccination against Specific Infectious

## Diseases

NSW Health also requires students undertaking clinical placement in health facilities to be compliant with certain vaccinations to ensure the safety of both students and patients. This information will be provided at enrolment and orientation.

For further information on compliance with Infectious Diseases requirements please visit [Occupational Assessment, Screening and Vaccination - NSW Department of Health](#).

## Fee Information

For tuition fee information please see the following:

[Domestic](#)

[International](#)

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# 2019 Undergraduate Courses

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## Bachelor of Pre-Medicine, Science and Health (Biomedical Research) | 2019

The Biomedical Research major encompasses the exciting and rapidly evolving fields of proteomics, genetic engineering and advanced techniques in molecular analysis. A new generation of pharmaceuticals, vaccines, hormones and anti-inflammatory agents are being developed using these technologies. This major will provide you with the tools and knowledge to work in biomedical science research and the biotechnology industry. Potential future pathways for further education include progression to postgraduate medicine, or a research-based Honours or Masters program in biology or medical biotechnology. As a graduate of this major professional career pathways include but are not limited to, research positions in universities, colleges, research institutes and hospitals; industry positions in pharmaceutical or biotechnology companies; Government positions in health promotion and health economics; as well as careers in patent law, consulting, public policy, higher education, media or communications.

| **STUDENTS** □

### Major Learning Outcomes

Students graduating from a major in Biomedical Research will be able to:

1. Demonstrate broad and coherent knowledge in the principles and concepts associated with biological sciences.
2. Apply knowledge and skills in biological sciences to the authoring of scientific works.
3. Demonstrate skills in experimental design and performance.

# Major Structure

The schedule for students undertaking the Biomedical Research major for the Bachelor of Pre-Medicine, Science and Health for 2nd and 3rd year, including core and major subjects is detailed below.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 2</b>			
<b>Autumn</b>			
BIOL213	Principles of Biochemistry*	6	Autumn
CHEM212	Organic Chemistry II*	6	Autumn
MEDI211	Control Mechanisms Physiology*	6	Autumn
Plus ONE subject from the following list:			
BIOL104	Evolution, Biodiversity and Environment	6	Autumn
BIOL105	Functional Biology of Animals and Plants	6	Autumn
STS 112	The Scientific Revolution	6	Autumn
SOC 251	Genetics, Biotechnology and Society	6	Autumn
BIOL232	Biology Research Internship	6	Autumn, Spring, Summer 2019/2020
BIOL292	Special Biology Studies	6	Autumn, Spring
<b>Spring</b>			
BIOL214	The Biochemistry of Energy and Metabolism*	6	Spring
BIOL215	Introductory Genetics*	6	Spring
STAT252	Statistics For the Natural	6	Spring

	Sciences		
Plus ONE elective subject (6cp) chosen from the General Schedule			
<b>Year 3</b>			
<b>Autumn</b>			
BIOL340	Cell and Molecular Biology*	6	Autumn
BIOL343	Techniques in Biotechnology and Medical Research	6	Autumn
CHEM358	Pharmacology*	6	Autumn
<b>Spring</b>			
BIOL341	Infection and Immunity*	6	Spring
BIOL342	Biomedical Research:Skills and Techniques	6	Spring
Plus ONE subject from the following list:			
CHEM325	Bioinformatics:Genome, Genes and Biomolecules	6	Spring
MEDI323	Cardiorespiratory Studies	6	Spring
<b>Annual</b>			
MEDI380	Integrated Science in Medicine (iSIM)*	12	Annual

\*Subjects required for the course common core. These subjects are listed on the Bachelor of Pre-Medicine, Science and Health [main page](#).

## Other Information

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Pre-Medicine, Science and Health (Exercise Science) | 2019

The Exercise Science major provides an overview of the acute and chronic effects of physical activity and exercise on human performance, health, and wellbeing. The major provides an introduction to the core disciplines of exercise physiology, biomechanics and motor control, with foundation studies undertaken in biology, chemistry, anatomy, physiology, and human growth and nutrition. Lectures, tutorials, and hands-on practical sessions underlie the teaching approach across the major, where your skills in the undertaking of research, data gathering and interpretation will be developed. This major is a pathway to Honours and postgraduate research, and graduate entry medicine. Additional study is required for entry into graduate entry allied health programs such as exercise physiology and physiotherapy.

### Major Learning Outcomes

Students graduating from a major in Exercise Science will be able to:

1. Illustrate a comprehensive and coherent knowledge in the principles and concepts associated with exercise science.
2. Indicate how exercise science knowledge and skills can be applied in professional practice and scholarship.

### Major Structure

The schedule for students undertaking the Exercise Science major for the Bachelor of Pre-Medicine, Science and Health for 2nd and 3rd year, including

core and major subjects is detailed below.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 2</b>			
<b>Autumn</b>			
BIOL213	Principles of Biochemistry	6	Autumn
CHEM212	Organic Chemistry II	6	Autumn
MEDI211	Control Mechanisms Physiology	6	Autumn
MEDI222	Foundations of Biomechanics	6	Autumn
<b>Spring</b>			
BIOL214	The Biochemistry of Energy and Metabolism	6	Spring
BIOL215	Introductory Genetics	6	Spring
MEDI221	Exercise Physiology	6	Spring
MEDI220	Musculoskeletal Functional Anatomy	6	Spring
<b>Year 3</b>			
<b>Autumn</b>			
BIOL340	Cell and Molecular Biology	6	Autumn
CHEM358	Pharmacology	6	Autumn
MEDI322	Advanced Exercise Physiology and Metabolism	6	Autumn
OR			
MEDI312	Fundamentals of Neuroscience	6	Autumn
<b>Spring</b>			

<a href="#">BIOL341</a>	Immunity and Infection	6	Spring
<a href="#">MEDI330</a>	Sensorimotor Control of Movement	6	Spring
<a href="#">MEDI323</a>	Cardiorespiratory Studies	6	Spring
OR			
<a href="#">MEDI304</a>	Research Methods and Analysis	6	Spring
<b>Annual</b>			
<a href="#">MEDI380</a>	Integrated Science in Medicine (iSIM)	12	Annual

\*Subjects required for the course common core. These subjects are listed on the Bachelor of Pre-Medicine, Science and Health main page.

[PSYC101](#) is recommended as the 1st year Autumn elective subject for the Exercise Science major.

## Other Information

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Pre-Medicine, Science and Health (Health Practice) | 2019

**This major will not be running in 2019. Please contact the Course Coordinator for advice on an alternative.**

The Health Practice major includes a range of knowledge and skills important in health care such as communication, cultural competence, community health community development, and leadership, as well as a solid foundation in biomedical science. This major will provide a solid grounding in both the science and art of medicine.

As well as leading to entry to graduate medicine this major can lead to other postgraduate health professions. It can also lead to a career in medical and health research through Biomedical Science Honours and Doctoral studies. It will also lead to Masters studies in Business Administration (MBA), Public Health (MPH) and Indigenous Health (MSc(Indigenous Health)).

## Major Learning Outcomes

**This major will not be running in 2019. Please contact the Course Coordinator for advice on an alternative.**

Students graduating from a major in Health Practice will be able to:

1. Critically examine effective models of health systems.
2. Review and analyse social determinants of health, including how they apply in an Indigenous Health context.
3. Demonstrate effective communication in health care practice through a

variety of media.

## Other Information

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Pre-Medicine, Science and Health (Medical Science) | 2019

The Medical Science major provides an overview of human structure, function and health. The major is built on the core disciplines of human anatomy, physiology, biology, and chemistry, along with human growth, nutrition, exercise and effective communication in health care. Control mechanisms, histology, and pathophysiology are introduced in the second year, along with regional anatomy, cardiorespiratory physiology and neuroscience in the final year. Lectures, tutorials, and hands-on practical sessions are an integral component of the teaching across the major.

In addition to graduate entry medicine, this major is also a pathway to Honours and postgraduate research in the medical science field. As a graduate of this major, professional career pathways include but are not limited to medical research in a range of sectors including biotechnology industry, government laboratories, and hospital settings; allied health; consulting; and higher education.

## Major Learning Outcomes

Students graduating from a major in Medical Science will be able to:

1. Explain principles and concepts of science that underpin medical science and apply to human health.
2. Apply specific knowledge and skills in a number of specialised areas within medical and health sciences that include anatomy, chemistry/biochemistry, histology, neuroscience, physiology, pathology and medical research.

# Major Structure

The schedule for students undertaking the Medical Science major for the Bachelor of Pre-Medicine, Science and Health for 2nd and 3rd year, including core and major subjects is detailed below.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 2</b>			
<b>Autumn</b>			
BIOL213	Principles of Biochemistry*	6	Autumn
CHEM212	Organic Chemistry II*	6	Autumn
MEDI211	Control Mechanisms Physiology*	6	Autumn
MEDI210	Histology	6	Autumn
<b>Spring</b>			
BIOL214	The Biochemistry of Energy and Metabolism*	6	Spring
BIOL215	Introductory Genetics*	6	Spring
MEDI212	Introduction to Pathophysiology	6	Spring
Plus ONE elective subject (6cp) from the General Schedule.			
<b>Year 3</b>			
<b>Autumn</b>			
BIOL340	Cell and Molecular Biology*	6	Autumn
CHEM358	Pharmacology*	6	Autumn
MEDI312	Fundamentals of Neuroscience	6	Autumn
<b>Spring</b>			
BIOL341	Immunity and Infection*	6	Spring



<a href="#">MEDI323</a>	Cardiorespiratory Studies	6	Spring
<a href="#">MEDI314</a>	Regional Anatomy	6	Spring
<b>Annual</b>			
<a href="#">MEDI380</a>	Integrated Science in Medicine (iSIM)*	12	Annual

\*Subjects required for the course common core. These subjects are listed on the Bachelor of Pre-Medicine, Science and Health [main page](#).

## Other Information

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

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# 2019 Undergraduate Courses

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Pre-Medicine, Science and Health (Molecular Medicine) | 2019

The Molecular Medicine major provides the foundation for understanding and training in the latest, cutting edge techniques that underpin chemical sciences in health and medicine. In addition to core general and organic chemistry subjects, the second year will cover inorganic chemistry and molecular structure, leading into more advanced organic and medicinal chemistry in the third year, along with molecular spectroscopy. Training in a wide range of techniques that underpin molecular medicine including organic synthesis, various spectroscopic techniques, computer-aided drug development and pharmacology is provided through the laboratory component of the subjects giving students hands-on experience in these areas.

Potential future pathways for further education include progression to postgraduate medicine, or a research-based Honours or Masters program in organic or medicinal chemistry. As a graduate of this major professional career pathways include but are not limited to, health and medical research, pharmaceutical chemistry / drug design and development, forensic applications, patents, clinical trials, industrial chemistry, Government laboratories, consulting, marketing and education.

## Major Learning Outcomes

Students graduating from a major in Molecular Medicine will be able to:

1. Demonstrate extensive and coherent knowledge of the principles and

concepts associated with chemistry.

2. Demonstrate technical and cognitive skills associated with chemistry by locating, analysing and synthesising information to generate solutions to complex problems.

## Major Structure

The schedule for students undertaking the Molecular Medicine major for the Bachelor of Pre-Medicine, Science and Health for 2nd and 3rd year, including core and major subjects is detailed below.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 2</b>			
<b>Autumn</b>			
BIOL213	Principles of Biochemistry*	6	Autumn
CHEM211	Inorganic Chemistry II	6	Autumn
CHEM212	Organic Chemistry II*	6	Autumn
MEDI211	Control Mechanisms Physiology*	6	Autumn
<b>Spring</b>			
BIOL214	The Biochemistry of Energy and Metabolism*	6	Spring
BIOL215	Introductory Genetics*	6	Spring
CHEM213	Molecular Structure, Reactivity and Change	6	Spring
Plus ONE elective subject (6cp) from the General Schedule			
<b>Year 3</b>			
<b>Autumn</b>			
BIOL340	Cell and Molecular Biology*	6	Autumn
CHEM358	Pharmacology*	6	Autumn
CHEM374	Molecular Spectroscopy and	6	Autumn

Structure Elucidation			
<b>Spring</b>			
<a href="#">BIOL341</a>	Immunity and Infection*	6	Spring
<a href="#">CHEM360</a>	Organic Synthesis III	6	Spring
<a href="#">CHEM333</a>	Drug Discovery and Medicinal Chemistry	6	Spring
<b>Annual</b>			
<a href="#">MEDI380</a>	Integrated Science in Medicine (iSIM)*	12	Annual

\*Subjects required for the course common core. These subjects are listed on the Bachelor of Pre-Medicine, Science and Health [main page](#).

## Other Information

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# 2019 Undergraduate Courses

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Pre-Medicine, Science and Health (Nutrition) | 2019

The Nutrition major builds basic science knowledge and skills in biology, chemistry, biochemistry and physiology to underpin fundamental nutrition concepts such as nutrient structure and function. It introduces the relationship between food and health, and the application of this knowledge in various settings in the community including the food industry.

This major meets all pre-requisites for undertaking accredited Master's programs in Nutrition and Dietetics at UOW (and all programs throughout Australia) and can lead to pathways in further scientific research (Honours, PhD), public health (including progression to a Master of Public Health), a professional career in medicine (via graduate-entry medical courses), or in teaching (through teaching degrees). The grounding in the science of nutrition would also lend itself well to branching out into other areas with further study such as commerce, law or business administration, all of which deal with the governance of food in society and in which a science background would be useful.

## Major Learning Outcomes

Students graduating from a major in Nutrition will be able to:

1. Demonstrate knowledge and understanding of basic sciences in relation to nutrition and the interactive role of nutrition in health and the prevention of disease.
2. Illustrate an awareness of food as a source of nutrients, an appreciation of food habits and can identify the social and cultural importance of food.

3. Appraise nutrition science knowledge and skills that can be applied in scholarship and throughout the human life cycle.
4. Appreciate the range of applications of nutrition science within research and social environments.

## Major Structure

The schedule for students undertaking the Nutrition major for the Bachelor of Pre-Medicine, Science and Health for 2nd and 3rd year, including core and major subjects is detailed below.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 2</b>			
<b>Autumn</b>			
<a href="#">BIOL213</a>	Principles of Biochemistry	6	Autumn
<a href="#">CHEM212</a>	Organic Chemistry II	6	Autumn
<a href="#">CHEM215</a>	Food Chemistry	6	Autumn
<a href="#">MEDI211</a>	Control Mechanisms Physiology	6	Autumn
<b>Spring</b>			
<a href="#">BIOL214</a>	The Biochemistry of Energy and Metabolism	6	Spring
<a href="#">BIOL215</a>	Introductory Genetics	6	Spring
<a href="#">MEDI251</a>	Nutritional Epidemiology	6	Spring
<a href="#">STAT251</a>	Fundamentals of Biostatistics	6	Spring
<b>Year 3</b>			
<b>Autumn</b>			
<a href="#">CHEM358</a>	Pharmacology	6	Autumn
<a href="#">BIOL340</a>	Cell and Molecular Biology	6	Autumn
<a href="#">MEDI362</a>	Research in Human Nutrition	6	Autumn
<b>Spring</b>			



<a href="#">BIOL341</a>	Immunity and Infection	6	Spring
<a href="#">MEDI212</a>	Introduction to Pathophysiology	6	Spring
<a href="#">MEDI355</a>	Nutrition and Food Innovation	6	Spring
<b>Annual</b>			
<a href="#">MEDI380</a>	Integrated Science in Medicine (iSIM)	12	Annual

\*Subjects required for the course common core. These subjects are listed on the Bachelor of Pre-Medicine, Science and Health [main page](#).

[PSYC101](#) is recommended as the 1st year Autumn elective subject for the Nutrition major.

## Other Information

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

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# 2019 Undergraduate Courses

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Pre-Medicine, Science and Health (Health Informatics) | 2019

The Health Informatics minor provides a general background in IT core areas required for IT professionals including programming, systems analysis and design, databases, human computer interaction and security. This minor will provide a solid foundation for those wishing to continue either into postgraduate Medicine or into a Health Informatics Master's program, and is particular well suited to those wishing to combine Medicine with Information Technology (Health Informatics).

Along with a pathway to entry into postgraduate medical school, this degree also provides a pathway into a Master of Health Informatics or Master of Information Technology, which can lead to careers as an IT Health Informatician, Health Informatics Administrator or Educator, along with other areas such as Health Leadership Management, Health Data/Information Management, Health Administrator, or Health IT Technologist. The Health Informatics minor can also lead to Honours and research based Masters or continuing towards a PhD in health informatics.

### Minor Structure

The schedule for students undertaking the Health Informatics minor for the Bachelor of Pre-Medicine, Science and Health for 2nd and 3rd year, including core and minor subjects is detailed below.

Subject	Subject Name	Credit	Session(s)
---------	--------------	--------	------------

Code		Points	
<b>Year 2</b>			
<b>Autumn</b>			
BIOL213	Principles of Biochemistry*	6	Autumn
CHEM212	Organic Chemistry II*	6	Autumn
CSIT110	Fundamental Programming with Python	6	Autumn
MEDI211	Control Mechanisms Physiology*	6	Autumn
<b>Spring</b>			
BIOL214	The Biochemistry of Energy and Metabolism*	6	Spring
BIOL215	Introductory Genetics*	6	Spring
CSIT114	System Analysis	6	Autumn
Plus ONE elective subject (6cp) from the General Schedule			
<b>Year 3</b>			
<b>Autumn</b>			
BIOL340	Cell and Molecular Biology*	6	Autumn
CHEM358	Pharmacology*	6	Autumn
Plus complete ONE of the subjects below			
CSIT115	Data Management and Security	6	Autumn
CSIT113	Problem Solving	6	Autumn
<b>Spring</b>			
BIOL341	Immunity and Infection*	6	Spring
CSIT214	IT Project Management	6	Autumn, Spring

<a href="#">CSIT226</a>	Human Computer Interaction	6	Spring
<b>Annual</b>			
<a href="#">MEDI380</a>	Integrated Science in Medicine (iSIM)*	12	Annual

\*Subjects required for the course common core. These subjects are listed on the Bachelor of Pre-Medicine, Science and Health [main page](#).

## Other Information

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

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# 2019 Undergraduate Courses

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Pre-Medicine, Science and Health (Medical Radiation Physics) | 2019

The Medical Radiation Physics minor provides a broad foundation in the enabling sciences of mathematics, physics, chemistry and biology. Building on this foundation with biochemistry, anatomy and physiology, a student is able to develop a holistic view of the operation of the human organism. In addition they will develop an understanding of the scientific principles underlying physiological processes, and medical technologies and instrumentation.

This minor provides a pathway into the Master of Science (Medical Radiation Physics), and via that into the training program for accreditation as a medical physicist in the Australian medical system. It also provides an excellent platform for those wishing to engage in postgraduate medical research in a broad range of areas, as well those simply wishing to pursue graduate entry into medicine.

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### Minor Structure

The schedule for students undertaking the Medical Radiation Physics minor for the Bachelor of Pre-Medicine, Science and Health for 2nd and 3rd year, including core and minor subjects is detailed below.

Subject Code	Subject Name	Credit Points	Session(s)
--------------	--------------	---------------	------------

<b>Year 2</b>			
<b>Autumn</b>			
BIOL213	Principles of Biochemistry*	6	Autumn
CHEM212	Organic Chemistry II*	6	Autumn
MEDI211	Control Mechanisms Physiology*	6	Autumn
PHYS141	Fundamentals of Physics A	6	Autumn
<b>Spring</b>			
BIOL214	The Biochemistry of Energy and Metabolism*	6	Spring
BIOL215	Introductory Genetics*	6	Spring
PHYS142	Fundamentals of Physics B	6	Spring
MATH188	Mathematics 2: Series and Integral Calculus	6	Spring
<b>Year 3</b>			
<b>Autumn</b>			
BIOL340	Cell and Molecular Biology*	6	Autumn
CHEM358	Pharmacology*	6	Autumn
PHYS205	Advanced Modern Physics	6	Autumn
<b>Spring</b>			
BIOL341	Immunity and Infection*	6	Spring
PHYS255	Radiation Physics	6	Spring
Plus ONE elective subject (6cp) from the General Schedule			
<b>Annual</b>			
MEDI380	Integrated Science in Medicine (iSIM)*	12	Annual

\*Subjects required for the course common core. These subjects are listed on the Bachelor of Pre-Medicine, Science and Health [main page](#).

**MATH187** must be taken as the 1st year Autumn elective subject for the Med Rad Phys minor.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Other Information

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

Last reviewed: 24 April, 2018

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# 2019 Postgraduate Courses

Home



**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Master of Teaching (Primary) | 2019

Testamur Title of Degree:	Master of Teaching (Primary)
Abbreviation:	MTeach(Prim)
UOW Course Code:	1642
CRICOS Code:	080833G
Total Credit Points:	96
Duration:	2 years full-time or part-time equivalent
Home Faculty:	Faculty of Social Sciences
Intake Session(s):	Autumn
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Batemans Bay, Bega, Shoalhaven, Southern Highlands, Wollongong

## Overview

The Master of Teaching (Primary) provides a professional course of pre-service education for aspiring primary school teachers (K-6). The Master of Teaching program aims to combine the practical and theoretical elements of teaching by immersing students in both classroom and university studies from the commencement of the program. Early immersion into teaching and a focus on research to inform teaching practice are central to the program.

New students will be required to complete the new online Working With Children Check (WWCC) at [www.newcheck.kids.nsw.gov.au](http://www.newcheck.kids.nsw.gov.au). Clearance must be obtained prior to attending professional experience.

## Entry Requirements and Credit Arrangements

Information on academic and non-academic requirements is available from [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to:

CLO	Description
1	Demonstrate knowledge of, and be able to keep abreast of latest developments in educational theory, policy and practice, evaluating and applying them to their own professional teaching practice;
2	Demonstrate skills and knowledge to critically evaluate, interpret, design and conduct research for educational purposes;
3	Demonstrate advanced and integrated understanding of the complexities of primary classrooms and schools, developed through participation in professional dialogue with practitioners, peers, school immersion and professional experience programs;
4	Work as adaptable, responsible, reflective, autonomous primary teachers who use their skills and knowledge of teaching, learning and learners to make informed judgments that improve their classroom practice and their students' learning;
5	Analyse, interpret and effectively communicate the complexity of factors influencing learning to students, parents, and colleagues;
6	Work effectively with students, families and colleagues in the school, building relationships that contribute to students' and teachers' learning and well-being.

# Course Structure

Students enrolled in the Master of Teaching (Primary) are required to complete 96 credit points in accordance with the table below. Students must have passed all core subjects in their degree, successfully completed the Literacy and Numeracy Test (LANTITE) and be enrolled in any annual and final semester core subjects to be eligible for their final professional experience.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<i>Students must complete all of the following subjects:</i>			
<a href="#">EDMP910</a>	Literacy & Language I	6	Autumn
<a href="#">EDMP911</a>	Numeracy and Mathematics I	6	Autumn
<a href="#">EDMT901</a>	What is Teaching?	6	Autumn
<a href="#">EDMT902</a>	What is Learning?	6	Autumn
<a href="#">EDMP912</a>	Literacy and Language II	6	Spring
<a href="#">EDMP913</a>	Numeracy and Mathematics II	6	Spring
<a href="#">EDMT905</a>	Learners with Special Needs	6	Spring
<a href="#">EDMT909</a>	Models And Approaches To Understanding Behaviour And Wellbeing	6	Spring
<b>Year 2</b>			
<i>Students must complete all of the following subjects:</i>			
<a href="#">EDMP914</a>	Science & Technology in the Primary School	6	Autumn
<a href="#">EDMP915</a>	History & Geography in the Primary Classroom	6	Autumn
<a href="#">EDMT906</a>	Aboriginal Education	6	Autumn
<a href="#">EDMT907</a>	Teachers and Community	6	Autumn

<a href="#">EDMP916</a>	The Arts in Education	6	Spring
<a href="#">EDMP917</a>	Health & Physical Education	6	Spring
<a href="#">EDMT910</a>	Entering the Profession	12	Spring

For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Compulsory Work Placement / Online Component

This course contains a total of 434 hours or approximately 62 days over 16 weeks of compulsory work-based placements. This course may also contain compulsory components to be completed online.

## Professional Recognition/Accreditation

The Master of Teaching (Primary) is accredited and recognised as a national professional teaching qualification. Students seeking work outside NSW or Australia are advised to check with potential employers and other teacher registration authorities for any additional requirements.

Students who have studied overseas may be required to meet additional requirements set by the NSW Education Standards Authority in order to qualify as teachers in NSW.

## Other Information

For further information contact [School of Education](#) or email [ssc@uow.edu.au](mailto:ssc@uow.edu.au)

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# 2019 Undergraduate Courses

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Criminology | 2019

### Overview

This major provides students with a broad suite of skills to identify, interpret and evaluate issues around crime, deviancy and justice from a social sciences perspective. Specific units are tailored to develop students' conceptual understanding of criminology and apply these to a range of topics of contemporary social concern.

### Subjects Required for Major Study

A major in Criminology requires the successful completion of at least 48 credit points of subjects in accordance with the table below. The table illustrates the recommended progression for a Bachelor of Social Science student proceeding full time.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Spring Session</b>			
<a href="#">HAS 131</a>	Introducing Crime and Justice	6	Spring
<b>Year 2</b>			

<b>Autumn Session</b>			
<a href="#">HAS 262</a>	Explaining Crime	6	Autumn
<b>Year 3</b>			
<b>Spring Session</b>			
<a href="#">HAS 355</a>	Current Issues in Criminal Justice	6	Spring
<i>Plus 30 credit points from the list of Criminology electives. At least 18 credit points must be at 300 level.</i>			

## Criminology Electives

Subject Code	Subject Name	Credit Points	Session(s)
<b>200 Level</b>			
<a href="#">HAS 261</a>	Crime Prevention	6	Autumn
<a href="#">GEOG241</a>	Urban Geographies: Just and Sustainable Cities?	6	Autumn
<a href="#">SOC 225</a>	Youth Cultures	6	Spring
<a href="#">SOC 247</a>	Punishment: Purpose, Practice, Policy	6	Spring
<a href="#">GEOG231</a>	Maps and Apps for Social Scientists	6	Spring
<b>300 Level</b>			
<a href="#">GEOG354</a>	Environmental Crime and Justice	6	Autumn
<a href="#">HAS 354</a>	Innovative Justice	6	Autumn
<a href="#">SOC 352</a>	Power, Resistance and Society	6	Autumn
<a href="#">GEOG353</a>	Qualitative GIS	6	Spring
<a href="#">HAS 350</a>	Social Determinants of Indigenous Health	6	Spring

HAS 353	Youth Crime and Justice	6	Spring
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For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Other Information

For further information please email: [ssc@uow.edu.au](mailto:ssc@uow.edu.au)

Last reviewed: 1 July, 2020

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# 2019 Undergraduate Courses

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Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Social Marketing | 2019

### Overview

The Social Marketing major presents students with a contemporary understanding of a strategic approach to social marketing to deliver positive social change and social value. Moving beyond a basic understanding of key concepts and ideas, this major considers the contemporary debate around what social marketing is and the key debates in the field.

This major considers the use of theory and research in social marketing programmes; examines the broad toolkit of strategies that can be used in strategic social marketing; and considers the relevance of critical social marketing.

### Subjects Required for Major Study

A major in Social Marketing requires the successful completion of at least 48 credit points of subjects in accordance with the table below. The table illustrates the recommended progression for a Bachelor of Social Science student proceeding full-time.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Spring Session</b>			

<a href="#">MARK101</a>	Marketing Principles	6	Autumn, Spring, Summer 2019/2020
<b>Year 2</b>			
<a href="#">MARK217</a>	Consumer Behaviour	6	Autumn
<a href="#">MARK320</a>	Social Marketing	6	Spring
<b>Year 3</b>			
<b>Autumn Session</b>			
<a href="#">GEOG336</a>	Qualitative Research Design for Social Scientists	6	Autumn
<a href="#">MARK333</a>	Integrated Marketing Communications Strategy	6	Autumn
<b>Spring Session</b>			
<a href="#">HAS 348</a>	Social Innovation and People Centred Design	6	Spring
<b>Year 2 or 3</b>			
<i>And 12 credit points from the following 200-level subjects:</i>			
<a href="#">MARK205</a>	Introductory Marketing Research	6	Autumn
<a href="#">GEOG231</a>	Maps and Apps for Social Scientists	6	Spring
<a href="#">MARK270</a>	Services Marketing	6	Spring

For information regarding timetables, tutorials, and classes please the visit the [Timetables and Classes](#) page.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Other Information

For further information please email: [ssc@uow.edu.au](mailto:ssc@uow.edu.au)

Last reviewed: 9 November, 2018

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Philosophy Major | 2019

The study of Philosophy at UOW teaches you how to think, not what to think. As lovers of wisdom, philosophers are deeply, personally invested in their quest for truth and enlightenment. There are no questions that philosophers will not consider. How should we live and treat others? Do our lives have meaning? Does science have all the answers? In studying philosophy at UOW you will explore the most fundamental topics, ask the deepest questions and –rigorously and systematically– scrutinize the answers given by the best minds down the ages.

Studying for a UOW degree in Philosophy will train you in logic and argumentation. It will enlarge and enrich your conception of what is possible. You will acquire the intellectual discipline needed to challenge the assumptions that frame the way we think about the world and how we should behave in it. You will learn to bring philosophical considerations to bear on practical problems in order to make informed decisions about important issues such as: social justice; free speech; global poverty; climate change, animal welfare; humane psychotherapy; education and expertise.

A philosophical education is valuable in just about any line of work. It develops your persuasive powers; critical thinking, problem solving abilities; and communication skills. A 2016 report by the Foundation for Young Australians reveals that these skills are in great demand today in professions that require people who can stand back and think with an open mind. Past UOW Philosophy graduates have found work in such diverse careers as: administration; art and design; business development; community and social services; consulting; education; entrepreneurship; healthcare; human resources; IT; legal; management; media; program and project research.

# Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [UOW Course Finder](#)

## Major Learning Outcomes

On successful completion of this major students will be able to:

CLO	Description
1	Demonstrate an understanding of central concepts and arguments in philosophy including contemporary problems in mind, ethics, politics, and science
2	Evaluate and critically assess arguments, and evidence for and against different philosophical points of view
3	Describe and critically reflect upon a range of alternative perspectives and recognise their underlying assumptions
4	Articulate the relationship between philosophical and practical problems
5	Engage in responsible and informed debate and decision-making

## Subjects Required for Major Study

Students studying the Philosophy major will complete at least 48 credit points as outlined below:

Subject Code	Subject Name	Credit Points
<b>Year 1 Core</b>		
<a href="#">PHIL107</a>	Introduction to Philosophy	6
<b>Year 2 Core</b>		
<a href="#">PHIL218</a>	Ethics: Good, Bad and Evil	6
<a href="#">PHIL219</a>	Knowledge, Science and Understanding	6
<b>Year 3 Core</b>		
<a href="#">PHIL328</a>	Applied Philosophy: Philosophy at Work (Capstone)	6

**Elective List**

**Plus a minimum of FOUR from the following. At least THREE must be at 300 level.**

<a href="#">PHIL226</a>	Global Ethics	6
<a href="#">PHIL227</a>	The Meaning of Life: Absurdity and Existence	6
<a href="#">PHIL234</a>	Philosophy of Mind: Mind, Body and World	6
<a href="#">PHIL235</a>	International Studies in Philosophy	6
<a href="#">PHIL236</a>	Philosophy in Film and Literature	6
<a href="#">PHIL256</a>	Environmental Philosophy: Animals, Nature and Ethics	6
<a href="#">PHIL318</a>	Stories in Our Lives: Mind, Self and Psychosis	6
<a href="#">PHIL319</a>	Political Philosophy: Justice, Equality and Rights	6
<a href="#">PHIL320</a>	Philosophy of Medicine: Health and Happiness	6
<a href="#">PHIL326</a>	Bioethics	6
<a href="#">PHIL327</a>	Special Philosophical Questions	6
<a href="#">PHIL329</a>	Imagination and Emotion	6
<a href="#">PHIL336</a>	World Philosophy	6

Students may also like to deepen and broaden their knowledge with the electives [PHIL106](#) and/or [PHIL151](#).

Click on subject codes in the above table for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Minor Study

A 24 credit point minor in Philosophy is available. Information can be found on the [2019 LHA General Schedule of Minors page](#).

Note that students cannot take both a major and a minor in Philosophy.

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

The [Faculty of Law, Humanities and the Arts internship program](#) provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Students are also encouraged to consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Honours

See [Bachelor of Arts \(Honours\)](#).

## Other Information

For further information email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 18 June, 2020

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# 2019 Undergraduate Courses

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Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Sociology Major | 2019

Studying Sociology at UOW will prepare and enable you to understand, question and analyse human life and society, social processes, cultural and social change, and the social causes and consequences of human behaviour. You will develop an understanding of our diverse and rapidly changing world and identify the roots of and solutions to social problems. In an increasingly dynamic world, where divisions and inequalities are becoming more prevalent, this discipline provides invaluable analytical, research and intellectual skills and an in-depth understanding of our diverse societies and cultures.

The Sociology program at UOW organises specific study areas thematically, allowing you to find your own path through the curriculum, and consolidate in areas of interest over the course of the degree.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [UOW Course Finder](#).

## Major Learning Outcomes

On successful completion of this major students will be able to:

CLO	Description
1	Understand and critically assess core ideas in Sociology and related fields

	of society
2	Design and report on independent sociological research projects, using appropriate sociological research methods
3	Critically assess and apply contemporary sociological theories to important current social issues

## Subjects Required for Major Study

Students studying the Sociology major will complete at least 48 credit points as outlined below:

Subject Code	Subject Name	Credit Points
<b>Year 1 Core - a minimum of ONE of the following:</b>		
SOC 103	Introduction to Sociology	6
SOC 104	Investigating Society	6
<b>Year 2 Core</b>		
SOC 207	Introduction to Social Theory	6
SOC 234	Social Research Methods	6
<b>Year 3 Core</b>		
SOC 328	Social Policy, Neoliberalism and the 'Post-Welfare state' (Capstone)	6
<b>Elective List:</b>		
<b>Plus a minimum of FOUR of the following. At least THREE must be at 300 level:</b>		
CST 244	The Secret Life of Policy	6
SOC 208	Cities, Communities and Families	6
SOC 225	Youth Cultures	6
SOC 226	New Social Movements	6

<a href="#">SOC 227</a>	Genders and Sexualities	6
<a href="#">SOC 247</a>	Punishment: Purpose, Practice, Policy	6
<a href="#">SOC 248</a>	Everyday Interaction	6
<a href="#">SOC 251</a>	Genetics, Biotechnology and Society	6
<a href="#">SOC 238</a>	Happiness: Investigating its Causes and Conditions	6
<a href="#">STS 209</a>	Knowledge and Truth in the Natural and Social Sciences	6
<a href="#">STS 216</a>	Environmental Sustainability, Risk and Governance	6
<a href="#">CST 361</a>	Cultures of Sex, Gender and Sexuality	6
<a href="#">CST 371</a>	Race and Place	6
<a href="#">SOC 352</a>	Power, Resistance and Society	6
<a href="#">SOC 329</a>	Globalisation and Social Transformation	6
<a href="#">SOC 344</a>	Emotions, Bodies & Society	6
<a href="#">SOC 347</a>	Sociology of Health, Illness and Medicine	6
<a href="#">SOC 351</a>	Men and Masculinities	6
<a href="#">SOC 356</a>	Cultures of Dispossession	6

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Minor Study

A 24 credit point minor in Sociology is available. Information is available on the [2019 LHA General Schedule of Minors](#) page.

Students cannot complete both a major and minor in Sociology.

# Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

The [Faculty of Law, Humanities and the Arts internship program](#) provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Students are also encouraged to consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Honours

See [Bachelor of Arts \(Honours\)](#).

## Other Information

For further information email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 18 June, 2020

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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Social Science (Psychology) | 2019

**Note: This course is not available for new enrolments in 2019.**

Testamur Title of Degree:	Bachelor of Social Science (Psychology)
Abbreviation:	BSocSc(Psyc)
UOW Course Code:	350
CRICOS Code:	084775B
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Social Sciences
Intake Session(s):	Not available
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Not available

Additional  
Information:

Email: [ssc@uow.edu.au](mailto:ssc@uow.edu.au)

## Other Information

Students currently enrolled in this course should refer to the relevant calendar year from the Course handbook Archives for additional information.

For further information please email: [ssc@uow.edu.au](mailto:ssc@uow.edu.au)

Last reviewed: 13 November, 2018

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# 2019 Undergraduate Courses

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Social Epidemiology | 2019

### Overview

Social epidemiology is an important area of public health, in which the patterns, causes and determinants of disease are investigated. Students in the Social Epidemiology major will graduate with knowledge and skills in navigating health, social and welfare datasets; translating data into evidence to inform policy decisions and evidence based practice.

Students will address the societal risk factors that affect the health and wellbeing of populations. Graduates are sought after in health data management systems, research and health related services to help describe, analyse and use health and disease data to identify health problems and provide information to plan health strategies.

### Subjects Required for Majors

A major in Social Epidemiology requires the successful completion of 48 credit points of subjects in accordance with the table below.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 2</b>			
<b>Autumn session</b>			
<a href="#">GEOG221</a>	Population Geography:	6	Autumn



	People, Place, Inequality		
CSIT115	Data Management and Security	6	Autumn, Spring
<b>Spring session</b>			
HAS 215	Healthy Public Policy	6	Spring
GEOG231	Maps and Apps for Social Scientists	6	Spring
<b>Year 3</b>			
<b>Autumn session</b>			
HAS 346	Social Advocacy	6	Autumn First Offered 2020
HAS 390	Community Engagement and Development for Social Change	6	First Offered 2020
GEOG338	Planning Urban Futures	6	Autumn
<b>Spring session</b>			
HAS 360	Advanced Epidemiology	6	First Offered 2020

In addition to the subjects required for the core and major, students will need to complete 24 credit points of elective subjects from the [General Schedule](#) (Dean's Scholars are required to complete 18 credit points). No more than 12 credit points of elective subjects shall be completed at 100 level.

For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as

eligibility for credit for prior learning, is available from the [Course Finder](#).

## Other Information

For further information email: [ssc@uow.edu.au](mailto:ssc@uow.edu.au)

Last reviewed: 7 November, 2018

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# 2019 Undergraduate Courses

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Health Promotion | 2019

### Overview

The major in Health Promotion focuses on developing students' skills to promote and protect people's health through individual, community and population initiatives. This major applies a social determinants of health framework and is based on the principles of promoting social justice and reducing health inequity; promoting inclusiveness; and establishing sustainable physical, social and economic environments that are supportive of all people.

Core areas of study include understanding the health of populations; skills in obtaining, reviewing and analysing health information; planning and managing a health program or project; and health promotion.

Following successful completion of the health promotion major, students will be qualified to take advantage of the career opportunities in local, national and international health organisations; multinational corporations; community organisations; statutory authorities; and a variety of government departments.

### Subjects Required for Major

A major in Health Promotion requires the successful completion of 48 credit points of subjects in accordance with the table below.

Subject	Subject Name	Credit	Session(s)
---------	--------------	--------	------------

Code		Points	
<b>Year 1</b>			
<b>Spring session</b>			
HAS 140	Health Communication	6	Spring
<b>Year 2</b>			
<b>Autumn session</b>			
MARK213	Marketing Principles	6	Autumn, Spring
<b>Spring session</b>			
HAS 215	Healthy Public Policy	6	Spring
MARK320	Social Marketing	6	Spring
<b>Year 3</b>			
<b>Autumn session</b>			
HAS 346	Social Advocacy	6	Autumn First Offered 2020
HAS 390	Community Engagement and Development for Social Change	6	First Offered 2020
<b>Spring session</b>			
HAS 351	Health Promotion Competencies	6	Spring
HAS 348	Social Innovation and People Centred Design	6	Spring

In addition to the subjects required for the core and major, students will need to complete 24 credit points of elective subjects from the General Schedule (Dean's Scholars are required to complete 18 credit points). No more than 12 credit points of elective subjects shall be completed at 100 level.

For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Other Information

For further email: [ssc@uow.edu.au](mailto:ssc@uow.edu.au)

Last reviewed: 7 November, 2018

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Food and Society | 2019

### Overview

The major in Food and Society is ideal for those interested in innovating and developing approaches to positively impact community and population health outcomes through food-focussed initiatives. The Food and Society major addresses issues related to social, cultural, environmental, economic and political factors influencing the food system and food habits of populations. Students will develop skills that include advocating for and creating healthy and sustainable food environments; identify, analyse and develop strategies to address key issues within the food system and undertake food education and communication using a range of media. Areas of study include:

- The influence of foodways and food systems on choices, behaviours and perspectives around food.
- The relationship of food and disease.
- The role of food in social inclusion and the welfare state.
- Nutrient requirements across the life course.

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### Subjects Required for Major

A major in Food and Society requires the successful completion of 48 credit points of subjects in accordance with the table below.

Subject Code	Subject Name	Credit Points	Session(s)
--------------	--------------	---------------	------------

<b>Year 1</b>			
<b>Spring session</b>			
<a href="#">HAS 160</a>	Food and Society I: The What and Why of Food	6	Spring
<b>Year 2</b>			
<b>Autumn session</b>			
<a href="#">HAS 270</a>	Sociology of Food and Nutrition	6	Autumn
<b>Spring session</b>			
<a href="#">HAS 265</a>	Food and Society II: Community Settings and Practice	6	Spring
<a href="#">GEOG224</a>	The Future of Food: Resilience, Communities and Policy	6	Spring
<b>Year 3</b>			
<b>Autumn session</b>			
<a href="#">HAS 346</a>	Social Advocacy	6	Autumn First Offered 2020
<a href="#">HAS 365</a>	Food and Society III: Contemporary Issues and Controversies	6	First Offered 2020
<a href="#">HAS 390</a>	Community Engagement and Development for Social Change	6	First Offered 2020
<b>Spring session</b>			
<a href="#">HAS 351</a>	Health Promotion Competencies	6	Spring

In addition to the subjects required for the core and major, students will

need to complete 24 credit points of elective subjects from the [General Schedule](#) (Dean's Scholars are required to complete 18 credit points). No more than 12 credit points of elective subjects shall be completed at 100 level.

For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Other Information

For further information email: [ssc@uow.edu.au](mailto:ssc@uow.edu.au)

Last reviewed: 3 October, 2018

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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Research - Faculty of Business | 2019

Testamur Title of Degree:	Bachelor of Research
Abbreviation:	BRes
UOW Course Code:	379
CRICOS Code:	091514J
Total Credit Points:	48
Duration:	1 year full-time or part-time equivalent
Home Faculty:	Faculty of Business
Intake Session(s):	Autumn/Spring
Delivery Mode:	On Campus (Face-to-Face)
Delivery Campus / UAC Code:	Innovation Campus

## Overview

The Bachelor of Research degree offers a specialisation in Accounting, Economics, Finance, Management, Marketing and Operations and comprises research training and coursework, requiring students to complete 48 credit points of subjects.

Students completing the Bachelor of Research will receive 48 credit points of advanced standing and be able to enrol in the second year of the Master of Research and undertake the 48 credit point thesis.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#). Students who successfully complete the Bachelor of Research may also be eligible to apply for credit towards the Master of Research. For more information please see [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Use well-developed judgement and knowledge to analyse, critically evaluate and interpret advanced theoretical and technical knowledge, and research methods, in an identified discipline area.
2	Develop a project plan based on a well-developed understanding of, and reflection on, existing discipline knowledge and ideas and in the context of methodological limitations, privacy issues and the ethical conduct of research.
3	With creativity and initiative, plan a project using theoretical and technical knowledge and research methods applicable to the identified discipline area.
4	With autonomy, adaptability and responsibility as a learner, analyse, generate and communicate solutions to complex problems through the design and implementation of a project plan.
5	Communicate advanced knowledge, expert skills and ideas to a range of audiences through application of advanced cognitive, technical and language (oral and written) communication skills and careful selection of appropriate media.

## Course Structure

The Bachelor of Research degree comprises both research and research training, requiring students to complete 48 credit points of subjects, as specified in the chosen area of study.

## Areas of Study

The Bachelor of Research from the Faculty of Business is available in the following study areas:

- Accounting
- Economics
- Finance
- Management
- Marketing
- Operations

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">RESH402</a>	Responsible Research	6	Autumn
<a href="#">BUS 401</a>	Preliminary Business Research Project	12	Not available in 2019
<a href="#">COMM480</a>	Honours Research Proposal	6	Autumn
<a href="#">BUS 496</a>	Introduction to Research and Research Methods	12	Spring
<p><b>Plus a choice of 12 credit points of elective subjects as approved by the Discipline Leader and Head of Postgraduate Studies. These subjects may be taken from the list below:</b></p>			
<a href="#">ACCY404</a>	Financial Accounting	6	Not available in 2019
<a href="#">ACCY406</a>	Theoretical Constructions of Accounting and Finance	6	Not available in 2019
<a href="#">ACCY407</a>	Empirical Research Methods	6	Not available in 2019

<a href="#">ACCY413</a>	Management Accounting	6	Not available in 2019
<a href="#">ACCY414</a>	Management Planning and Control Systems	6	Not available in 2019
<a href="#">ACCY485</a>	Special Topic in Accounting- A	6	Not available in 2019
<a href="#">ACCY486</a>	Special Topic in Accounting- B	6	Not available in 2019
<a href="#">ACCY418</a>	Applied Management Accounting	6	Not available in 2019
<a href="#">ACCY436</a>	Management and Information Systems	6	Not available in 2019
<a href="#">ACCY444</a>	Issues in Auditing	6	Not available in 2019
<a href="#">ACCY468</a>	Insolvencies	6	Not available in 2019
<a href="#">ACCY474</a>	Accounting Regulation	6	Not available in 2019
<a href="#">FIN 425</a>	Banking Theory and Practice	6	Not available in 2019
<a href="#">FIN 422</a>	Investment Management	6	Not available in 2019
<a href="#">FIN 423</a>	Portfolio Management	6	Not available in

			2019
FIN 424	Financial Statement Analysis For Business	6	Not available in 2019
FIN 426	Advanced Managerial Finance	6	Not available in 2019
FIN 427	Entrepreneurial Finance	6	Not available in 2019
FIN 428	Multinational Financial Management	6	Not available in 2019
FIN 487	Special Topic in Finance	6	Not available in 2019
MARK402	Honours Coursework in Marketing A	12	Annual, Autumn, Spring
MARK403	Honours Coursework in Marketing B	6	Annual, Autumn, Spring
MGNT402	Honours Coursework in Management A	12	Not available in 2019
MGNT403	Honours Coursework in Management B	6	Autumn, Spring
OPS 401	Special Topic in Operations A	6	Autumn
OPS 402	Special Topic in Operations B	6	Autumn
FIN 488	Special Topic in Finance B	6	Not available in 2019

<a href="#">ECON403</a>	Special Topics in Economics A	6	Spring
<a href="#">ECON404</a>	Special Topics in Economics B	6	Spring

## Contacts

For further information email – [business-enquiries@uow.edu.au](mailto:business-enquiries@uow.edu.au)

Last reviewed: 24 April, 2018

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# 2019 Undergraduate Courses

Home

□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Research - Faculty of Engineering and Information Sciences | 2019

Testamur Title of Degree:	Bachelor of Research
Abbreviation:	BRes
UOW Course Code:	380
CRICOS Code:	091515G
Total Credit Points:	48 credit points
Duration:	1 year full time or 2 years part time
Home Faculty:	Faculty of Engineering and Information Sciences
Intake Session(s):	Autumn
Delivery Mode:	On-Campus (Face-to-face)
Delivery Campus /	Wollongong



UAC Code:

## Overview

The Bachelor of Research degree offers a specialisations in Mathematics, Applied Statistics, Physics, Medical Radiation Physics, Computer Science, Information Technology, Civil Engineering, Computer Engineering, Electrical Engineering, Environmental Engineering, Materials Engineering, Mechanical Engineering, Mechatronic Engineering, Mining Engineering, Telecommunication Engineering. The Bachelor of Research comprises research training and coursework, requiring students to complete 48 credit points of subjects.

Students completing the Bachelor of Research will receive 48 credit points of advanced standing and be able to enroll in the 2nd year of the Master of Research and undertake the 48 credit point thesis.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Structure

The Bachelor of Research degree comprises of both research and research training, requiring students to complete 48 credit points of subjects, as specified in the chosen area of study.

The Bachelor of Research from the Faculty of Engineering and Information Sciences is available in the following areas:

## Areas of Study

### Mathematics

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">RESH402</a>	Responsible Research	6	Autumn
<a href="#">MATH491</a>	Mathematics Honours Thesis	12	Annual, Spring 2019/Autumn 2020
<a href="#">MATH451</a>	Advanced Topics in	12	Autumn

	Mathematics A		
<a href="#">MATH452</a>	Advanced Topics in Mathematics B	12	Spring
Elective	MATH or STAT 300 or 400 level subject	6	Autumn, Spring

## Applied Statistics

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">RESH402</a>	Responsible Research	6	Autumn
<a href="#">STAT491</a>	Statistics Honours Thesis	12	Annual, Spring 2019/Autumn 2020
<a href="#">STAT451</a>	Advanced Topics in Statistics A	12	Autumn
<a href="#">STAT452</a>	Advanced Topics in Statistics B	12	Spring
Elective	MATH or STAT 300 or 400 level subject	6	Spring

## Physics

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">RESH402</a>	Responsible Research	6	Autumn
<a href="#">PHYS458</a>	Advanced Project	12	Annual
<a href="#">PHYS466</a>	Research Methods	6	Autumn
<a href="#">PHYS474</a>	Quantum Mechanics	6	Spring
<a href="#">PHYS476</a>	Solid State Physics	6	Annual

<a href="#">PHYS473</a>	Electromagnetism	3	Autumn
Plus ONE of the following:			
<a href="#">PHYS471</a>	Theoretical Mechanics	3	Autumn
<a href="#">PHYS472</a>	Cosmology	3	Not offered in this year
AND			
Elective	MATH or PHYS 300 or 400 level subjects	6	Spring

## Medical Radiation Physics

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">MEDI100</a>	Human Structure and Function	6	Autumn
<a href="#">RESH402</a>	Responsible Research	6	Autumn
<a href="#">PHYS458</a>	Advanced Project	12	Annual
<a href="#">PHYS365</a>	Detection of Radiation: Neutrons, Electrons and X-Rays	6	Autumn
<a href="#">PHYS366</a>	Physics of Radiotherapy	6	Autumn
<a href="#">PHYS463</a>	Nuclear Medicine	6	Spring
<a href="#">PHYS462</a>	Medical Imaging	6	Autumn
<a href="#">PHYS461</a>	Radiobiology and Radiation Protection	6	Spring

In the event that some of the subjects above have been completed outside of this degree, the following subjects will be substituted (with the approval of the Academic Program Director) to complete 48 credit points:

Subject Code	Subject Name	Credit Points	Session(s)

<a href="#">RESH402</a>	Responsible Research	6	Autumn
<a href="#">RESH404</a>	iAccelerate/Startup Learning Program	6	Spring
<a href="#">PHYS466</a>	Research Methods	6	Annual
or other 300 or 400 level PHYS subject selected by the Discipline Leader.			

## Computer Science

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">RESH402</a>	Responsible Research	6	Autumn
<a href="#">CSCI400</a>	Computer Science Honours Project	18	Annual, Spring 2019/Autumn 2020
<a href="#">CSCI441</a>	CS Research Methodology	6	Not offered in this year
Electives	CSCI 300 or 400 level subjects	18	Autumn, Spring

## Information Technology

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">RESH402</a>	Responsible Research	6	Autumn
<a href="#">ISIT440</a>	IT Research Methodology	6	Not offered in this year
<a href="#">ISIT450</a>	Information Systems & Technology Research Report	18	Not offered in this year
Elective	ISIT 300 or 400 level subjects	18	Autumn, Spring

## Civil Engineering

Subject Code	Subject Name	Credit Points	Session(s)
RESH402	Responsible Research	6	Autumn
ENGG451	Engineering Research Methods	6	Autumn
ENGG452	Thesis A	12	Annual, Spring 2019/Autumn 2020
ENGG980	Professional Communications and Engineering Workplace Practice	12	Annual, Spring 2019/Autumn 2020
Elective	CIVL 400 level subjects	12	Spring

## Computer Engineering

Subject Code	Subject Name	Credit Points	Session(s)
RESH402	Responsible Research	6	Autumn
ENGG451	Engineering Research Methods	6	Autumn
ECTE458	Engineering Project 2	12	Autumn, Spring
ENGG980	Professional Communications and Engineering Workplace Practice	12	Annual, Spring 2019/Autumn 2020
ECTE432	Computer Architecture	6	Spring
ECTE471	Robotics and Flexible Automation	6	Spring

## Electrical Engineering

Subject Code	Subject Name	Credit Points	Session(s)
RESH402	Responsible Research	6	Autumn
ENGG451	Engineering Research Methods	6	Autumn
ECTE458	Engineering Project 2	12	Autumn, Spring
ENGG980	Professional Communications and Engineering Workplace Practice	12	Annual, Spring 2019/Autumn 2020
ECTE412	Power Electronics and Drives	6	Spring
ECTE426	Power Distribution Systems	6	Spring

## Environmental Engineering

Subject Code	Subject Name	Credit Points	Session(s)
RESH402	Responsible Research	6	Autumn
ENGG451	Engineering Research Methods	6	Autumn
ENGG452	Thesis A	12	Annual, Spring 2019/Autumn 2020
ENGG980	Professional Communications and Engineering Workplace Practice	12	Annual, Spring 2019/Autumn 2020
Electives	ENVE 400 level subjects	12	Spring

## Materials Engineering

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Subject Code	Subject Name	Credit Points	Session(s)
RESH402	Responsible Research	6	Autumn
ENGG451	Engineering Research Methods	6	Autumn
ENGG452	Thesis A	12	Annual, Spring 2019/Autumn 2020
ENGG980	Professional Practice	12	Annual
Electives	MATE or ENGG 400 level subjects	12	Spring

## Mechanical Engineering

Subject Code	Subject Name	Credit Points	Session(s)
RESH402	Responsible Research	6	Autumn
ENGG451	Engineering Research Methods	6	Autumn
ENGG452	Thesis A	12	Annual, Spring 2019/Autumn 2020
ENGG942	Professional Communications and Engineering Workplace Practice	12	Annual, Spring 2019/Autumn 2020
Electives	MECH or ENGG 400 level subjects	12	Spring

## Mechatronic Engineering

Subject Code	Subject Name	Credit Points	Session(s)
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<a href="#">RESH402</a>	Responsible Research	6	Autumn
<a href="#">ENGG451</a>	Engineering Research Methods	6	Autumn
<a href="#">ENGG452</a>	Thesis A	12	Annual, Spring 2019/Autumn 2020
<a href="#">ENGG980</a>	Professional Communications and Engineering Workplace Practice	12	Annual, Spring 2019/Autumn 2020
Electives	MECH or ECTE 400 level subjects	12	Spring

## Mining Engineering

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">RESH402</a>	Responsible Research	6	Autumn
<a href="#">ENGG451</a>	Engineering Research Methods	6	Autumn
<a href="#">ENGG452</a>	Thesis A	12	Annual, Spring 2019/Autumn 2020
<a href="#">ENGG980</a>	Professional Communications and Engineering Workplace Practice	12	Annual, Spring 2019/Autumn 2020
Electives	MINE or ENGG 400 level subjects	12	Spring

## Telecommunications Engineering

Subject	Subject Name	Credit	Session(s)
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Code		Points	
<a href="#">RESH402</a>	Responsible Research	6	Autumn
<a href="#">ENGG451</a>	Engineering Research Methods	6	Autumn, Spring
<a href="#">ECTE458</a>	Engineering Project 2	12	Autumn, Spring
<a href="#">ENGG980</a>	Professional Communications and Engineering Workplace Practice	12	Annual, Spring 2019/Autumn 2020
<b>Plus TWO of the following electives</b>			
<a href="#">ECTE465</a>	Wireless Communication Systems	6	Spring
<a href="#">ECTE469</a>	Queuing Theory and Optimization	6	Spring
<a href="#">ECTE331</a>	Real-time Embedded Systems	6	Spring

## Other Information

For further information please email: [eis@uow.edu.au](mailto:eis@uow.edu.au)

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# 2019 Undergraduate Courses

Home

Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Research - Faculty of Law, Humanities and the Arts | 2019

Testamur Title of Degree:	Bachelor of Research
Abbreviation:	BRes
UOW Course Code:	381
CRICOS Code:	091516G
Total Credit Points:	48
Duration:	1 year full-time or part-time equivalent
Home Faculty:	Faculty of Law, Humanities and the Arts
Intake Session(s):	Autumn/Spring
Delivery Mode:	On Campus (Face-to-Face)
Delivery Campus / UAC Code:	Wollongong Innovation Campus

## Overview

As a student wishing to pursue further study in the field of humanities, you have an opportunity to gain a deeper understanding of your discipline with the Bachelor of Research (Arts and Humanities). You may choose to specialise in History, Politics, Sociology, Indigenous Studies, Language and Linguistics, International Studies, Philosophy, Cultural Studies, English or Science and Technology Studies.

Comprised of research training and coursework, this single year (or part-time equivalent) degree may qualify students for advanced standing in the [Master of Research](#).

## Research Areas

Students completing the Bachelor of Research from the Faculty of Law, Humanities and the Arts can specialise in either Arts and Humanities, or Creative Arts, and are able to focus their research in the following areas:

- English
- History
- Politics
- Sociology
- Indigenous Studies
- Language and Linguistics
- International Studies
- Philosophy
- Cultural Studies
- Science and Technology Studies

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Use well-developed judgement and knowledge to analyse, critically evaluate and interpret advanced theoretical and technical knowledge, and research methods, in an identified discipline area.
2	Develop a project plan based on a well-developed understanding of, and

	reflection on, existing discipline knowledge and ideas and in the context of methodological limitations, privacy issues and the ethical conduct of research.
3	With creativity and initiative, plan a project using theoretical and technical knowledge and research methods applicable to the identified discipline area.
4	With autonomy, adaptability and responsibility as a learner, analyse, generate and communicate solutions to complex problems through the design and implementation of a project plan.
5	Communicate advanced knowledge, expert skills and ideas to a range of audiences through application of advanced cognitive, technical and language (oral and written) communication skills and careful selection of appropriate media.

## Course Structure

The Bachelor of Research degree comprises both research and research training, requiring students to complete 48 credit points of subjects, as specified in the chosen area of study.

Subject Code	Subject Name	Credit Points
<b>Year 1</b>		
LHA 401	The Writer: Critic, Analyst, Voice	12
LHA 402	The Researcher: People, Places, Methods	12
LHA 403	The Project and the Plan	12
<b>Plus ONE of the following Discipline Subjects</b>		
ENGL470	Research in English	12
HIST470	Research in History	12
LANG470	Research Methods in Languages and Linguistics	12
PAIS470	Research in Politics and International Studies	12
PHIL470	Research Methods in Philosophy	12

Click on subject codes in the above table for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Specialisations

Specialisations for the Bachelor of Research within the Faculty of Law, Humanities, and the Arts are 'Arts and Humanities' or 'Creative Arts'. Students will study their area of research under one of these specialisations.

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

The [Faculty of Law, Humanities and the Arts internship program](#) provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Students are also encouraged to consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Other Information

If you require further information please contact [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Research - Faculty of Science, Medicine and Health | 2019

Testamur Title of Degree:	Bachelor of Research
Abbreviation:	BRes
UOW Course Code:	382
CRICOS Code:	091517F
Total Credit Points:	48
Duration:	1 year full-time or part-time equivalent
Home Faculty:	Faculty of Science, Medicine and Health
Intake Session(s):	Autumn/Spring
Delivery Mode:	On Campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong Innovation Campus



## Overview

The Bachelor of Research degree offers a specialisation in Advanced Materials, Biological Sciences, Earth and Environmental Sciences and Medical and Health Science and comprises research training and coursework, requiring students to complete 48 credit points of subjects.

Students completing the Bachelor of Research will receive 48 credit points of advanced standing and be able to enroll in the 2nd year of the Master of Research and undertake the 48 credit point thesis.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#). Students who successfully complete the Bachelor of Research may be eligible to apply for credit towards the Master of Research. For more information please see Course Finder.

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Use well-developed judgement and knowledge to analyse, critically evaluate and interpret advanced theoretical and technical knowledge, and research methods, in an identified discipline area.
2	Develop a project plan based on a well-developed understanding of, and reflection on, existing discipline knowledge and ideas and in the context of methodological limitations, privacy issues and the ethical conduct of research.
3	With creativity and initiative, plan a project using theoretical and technical knowledge and research methods applicable to the identified discipline area.
4	With autonomy, adaptability and responsibility as a learner, analyse, generate and communicate solutions to complex problems through the design and implementation of a project plan.
5	Communicate advanced knowledge, expert skills and ideas to a range of audiences through application of advanced cognitive, technical and language (oral and written) communication skills and careful selection of appropriate media.

## Course Structure

To qualify for award of the degree, the Bachelor of Research, a candidate must successfully complete at least 48 credit points, as specified in the chosen area of study.

## Areas of Study

\*The majors available for the BRes from the Faculty of Science, Medicine and Health are Advanced Materials, Biological Sciences, Earth and Environmental Sciences and Medical and Health Science.

### Advanced Materials

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">RESH402</a>	Responsible Research	6	Autumn
<a href="#">AIIM405</a>	Preliminary Research Project	12	Autumn, Spring
Plus 30 credit points of elective subjects from the list below chosen in consultation with coordinator			
<a href="#">AIIM410</a>	Advanced materials: synthesis and fabrication	6	Autumn
<a href="#">AIIM411</a>	Advanced Materials: Devices, Performance and Applications	6	Autumn
<a href="#">AIIM414</a>	Literature Report on contemporary topic in Innovative Materials	12	Autumn, Spring
<a href="#">MATE413</a>	Structural Characterisation of Materials	6	Autumn
<a href="#">MATE412</a>	Electronic Materials	6	Spring
Or other subjects as approved by the Course Coordinator			

### Biological Sciences

Subject	Subject Name	Credit	Session(s)
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Code		Points	
RESH402	Responsible Research	6	Autumn
RESH403	BRes Research Proposal	6	Spring
BIOL405	Preliminary Research Project	12	Annual, Autumn
Plus 24 credit points from subject options listed below			
SMAH404	Critical thinking and innovation in Science	6	Spring
SMAH402	Perspectives in science: A critical appraisal of conspiracy theories	6	Spring
Plus, up to 12cp of 300 level discipline specific subjects			
OR			
Other 400 level subjects from the General Schedule			
OR			
Other subjects as approved by the Course Coordinator			

## Medical and Health Science

Subject Code	Subject Name	Credit Points	Session(s)
RESH402	Responsible Research	6	Autumn
RESH403	BRes Research Proposal	6	Not available in 2019
MEDI405	Preliminary Research Project	12	Annual, Autumn
Plus 24 credit points from subject options listed below			
SMAH404	Critical thinking and innovation in Science	6	Spring

<a href="#">SMAH402</a>	Perspectives in science: A critical appraisal of conspiracy theories	6	Spring
Plus, up to 12cp of 300 level discipline specific subjects			
OR			
Other 400 level subjects from the General Schedule			
OR			
Other subjects as approved by the Course Coordinator			

## Earth and Environmental Sciences

<b>Subject Code</b>	<b>Subject Name</b>	<b>Credit Points</b>	<b>Session(s)</b>
<a href="#">RESH402</a>	Responsible Research	6	Autumn
<a href="#">RESH403</a>	BRes Research Proposal	6	Spring
<a href="#">EESC405</a>	Preliminary Research Project	12	Annual, Autumn
Plus 24 credit points from subject options listed below			
<a href="#">SMAH404</a>	Critical thinking and innovation in Science	6	Spring
<a href="#">SMAH402</a>	Perspectives in science: A critical appraisal of conspiracy theories	6	Spring
Plus, up to 12cp of 300 level discipline specific subjects			
OR			
Other 400 level subjects from the General Schedule			
OR			
Other subjects as approved by the Course Coordinator			

## Other Information

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

Last reviewed: 12 October, 2018

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Research - Faculty of Social Sciences | 2019

Testamur Title of Degree:	Bachelor of Research
Abbreviation:	BRes
UOW Course Code:	383
CRICOS Code:	091518E
Total Credit Points:	48
Duration:	1 year full-time or part-time equivalent
Home Faculty:	Faculty of Social Sciences
Intake Session(s):	Autumn, Spring
Delivery Mode:	On Campus
Delivery Campus / UAC Code:	Wollongong
Additional	<a href="#">Course Finder</a>

Information:

## Overview

The Bachelor of Research degree offers a specialisation in Education and comprises research training and coursework, requiring students to complete 48 credit points of subjects.

Students completing the Bachelor of Research will receive 48 credit points of advanced standing and be able to enrol in the 2nd year of the Master of Research and undertake the 48 credit point thesis.

## Entry Requirements

Academic requirements and English requirements are available from the Course Finder.

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Use well-developed judgement and knowledge to analyse, critically evaluate and interpret advanced theoretical and technical knowledge, and research methods, in an identified discipline area.
2	Develop a project plan based on a well-developed understanding of, and reflection on, existing discipline knowledge and ideas and in the context of methodological limitations, privacy issues and the ethical conduct of research.
3	With creativity and initiative, plan a project using theoretical and technical knowledge and research methods applicable to the identified discipline area.
4	With autonomy, adaptability and responsibility as a learner, analyse, generate and communicate solutions to complex problems through the design and implementation of a project plan.
5	Communicate advanced knowledge, expert skills and ideas to a range of audiences through application of advanced cognitive, technical and language (oral and written) communication skills and careful selection of appropriate media.

## Course Structure

The Bachelor of Research degree comprises both research and research training, requiring students to complete 48 credit points of subjects, as specified in the chosen area of study.

The only major available in the Bachelor of Research from the Faculty of Social Sciences is Education.

Subject Code	Subject Name	Credit Points	Session(s)
RESH402	Responsible Research	6	Autumn
EDAR401	Advanced Research Methods	6	Not Available in 2019
<b>And either:</b>			
EDPR401	Honours Thesis	18	Spring 2019/Autumn 2020
<b>Or</b>			
EYPD401	Early Years Project	12	Annual
<b>Plus 18 or 24 credit points from the elective list below, depending on the subject chosen above, to reach a total of 48 credit points.</b>			
EDAW401	Aboriginal Ways of Knowing and Learning	6	Autumn
EDEC401	Disability Issues Across the Lifespan	6	Not available in 2019
EDEC402	Programming for Individuals with High Support Needs	6	Not available in 2019
EDEH402	PDHPE Elective: Health Promotion - Linking School and Community	6	Not available in 2019
EDEL401	Children's Literature in the Later Primary Years	6	Autumn



<a href="#">EDEP401</a>	PDHPE Elective B	6	Autumn
<a href="#">EDEP402</a>	PDHPE: Coaching and Sport Administration - Elective C	6	Not available in 2019
<a href="#">EDET402</a>	Teaching English in International Contexts	6	Not available in 2019
<a href="#">EDET412</a>	Teaching Speaking and Listening to Second Language Learners	6	Not available in 2019
<a href="#">EDPM401</a>	Promoting Lifelong Physical Activity	6	Not available in 2019
<a href="#">EDPP402</a>	Leadership, Management and Professional Learning in Phys&Health Edu	12	Not available in 2019
<a href="#">EDSE401</a>	Education for Social Equity	6	Annual
<a href="#">EDUP491</a>	Inclusive Physical Education	6	Not available in 2019
<a href="#">EYEK402</a>	Engaging Koori Kids and their Families	6	Spring
<a href="#">EYLL402</a>	Children's Literature in the Early Years	6	Spring
<a href="#">EYMP402</a>	Advocacy and Leadership in Early Childhood	6	Spring
<a href="#">EYTE401</a>	Contemporary Theories and Practice in Early Childhood	6	Autumn
<a href="#">EYTS401</a>	Transition to School	6	Autumn

For information regarding timetables, tutorials, and classes please the visit the [Timetables and Classes](#) page.

## Credit Arrangements

Credit and articulation arrangements are available from [Course Finder](#). Refer to [UOWs credit arrangements](#) for information on how to apply for credit.

Students who successfully complete the Bachelor of Research may be eligible to apply for credit towards the Master of Research. For more information please see Course Finder.

## Contacts

For further information email: [ssc@uow.edu.au](mailto:ssc@uow.edu.au)

Last reviewed: 27 October, 2018

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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Science (Materials) | 2019

Testamur Title of Degree:	Bachelor of Science (Materials)
Abbreviation:	BSc(Mat)
UOW Course Code:	1853
CRICOS Code:	073927D
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Engineering and Information Sciences
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 757636

## Overview

Materials Science is the application of science in the design and testing of new materials; the physics and chemistry of materials; and the improvement of existing materials. Materials science students explore the ways in which new materials are changing our world; find out how to measure and control the strength of metals and polymers; learn about the structure of crystals and glasses; or discover how semiconductors work.

This program aims to provide the scientific knowledge and technical skills necessary for a successful materials based career in areas such as quality control and laboratory testing, materials process control, and research and development in government and private sector laboratories. Core Materials subjects involve detailed study of the structure of properties of metals, ceramics and polymers.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Demonstrate coherent knowledge of the chemistry and physics in materials, including metallic, ceramic and polymeric materials.
2	Demonstrate fundamental materials knowledge including material microstructures, material thermodynamics, material mechanics, and phase transformations.
3	Demonstrate skills in carrying out microscopic observation, mechanical and physical properties testing, and interpretation of the interrelationship between the material process condition, microstructure, and performance in application.
4	Apply critical thinking and problem solving skills in design and diagnosis of materials composition, processing, application, and failure in material scientific researches and industrial applications of materials.
5	Communicate clearly and coherently knowledge and ideas to others.

# Course Structure

The Bachelor of Science (Materials) normally takes three years to complete. All students must take particular notice of the Course Rules regarding minimum rate of progress.

Electives in second and third years are selected from a list of subjects in the fields of Materials, Chemistry or Science and Technology Studies. Suggested elective programs are listed below. Students should consult their Course Advisor when choosing elective subjects.

To qualify for award of the Bachelor of Science (Materials), a candidate must complete 144 credit points, comprised of the following:

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
Choose ONE of the following two subjects:			
CHEM101	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
CHEM104	Foundation Chemistry: Properties of Matter	6	Autumn
NOTE: Students who have achieved a mark of 65% or more in NSW HSC Chemistry (or equivalent) must select CHEM101. All other students must enrol in CHEM104.			
ENGG103	Materials in Design	6	Autumn
PHYS141	Fundamentals of Physics A	6	Autumn
MATH141	Foundations of Engineering Mathematics	6	Autumn, Spring
Choose ONE of the following two subjects:			
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
CHEM105	Foundation Chemistry: Reactions and Structures	6	Spring

NOTE: Students who have achieved a mark of 65% or more in NSW HSC Chemistry (or equivalent) must select CHEM102. All other students must enrol in CHEM105.

<a href="#">ENGG105</a>	Engineering Design for Sustainability	6	Autumn
<a href="#">PHYS142</a>	Fundamentals of Physics B	6	Spring
<a href="#">MATH142</a>	Essentials of Engineering Mathematics	6	Spring, Summer 2019/2020
<a href="#">CHEM106</a>	Foundation Chemistry: Properties and Reactivity of Matter	6	Summer 2019/2020

# Note: [CHEM106](#) is required for students completing [CHEM104](#) and [CHEM105](#) as pre-requisite subjects for most 200-level CHEM subjects. [CHEM106](#) will be counted as a Chemistry elective in Year 2.

### Year 2

<a href="#">MATE202</a>	Thermodynamics and Phase Equilibria	6	Autumn
<a href="#">MATE201</a>	Structure of Materials	6	Spring
<a href="#">MATE203</a>	Phase Transformations	6	Spring
<a href="#">MATE204</a>	Mechanical Behaviour of Materials	6	Spring
<a href="#">MATE205</a>	Materials Characterisation Techniques	6	Spring

Plus THREE electives from the Material, Chemistry or Science & Technology Studies lists below. 18 credit points.

### Year 3

<a href="#">MATE301</a>	Engineering Alloys	6	Autumn
<a href="#">MATE381</a>	Experimental Methods and Computing	6	Autumn

<a href="#">MATE302</a>	Polymeric Materials	6	Spring
<a href="#">MATE303</a>	Ceramics, Glasses and Refractories	6	Spring
Plus FOUR electives from the Material, Chemistry or Science & Technology Studies lists below. 24 credit points.			
<b>Materials Electives</b>			
<a href="#">MATE411</a>	Advanced Materials and Processing	6	Autumn
<a href="#">MATE306</a>	Fracture, Failure and Degradation	6	Autumn
<a href="#">MATE402</a>	Secondary Materials Processing	6	Autumn
<a href="#">MATE413</a>	Structural Characterisation Techniques	6	Autumn
<a href="#">MATE304</a>	Transport Phenomena in Materials Processing	6	Spring
<a href="#">MATE433</a>	Surface Engineering	6	Spring
<a href="#">MATE412</a>	Electronic Materials	6	Spring
<a href="#">MATE305</a>	Primary Materials Processing	6	Spring
<b>Chemistry Electives</b>			
<a href="#">CHEM211</a>	Inorganic Chemistry II	6	Autumn
<a href="#">CHEM212</a>	Organic Chemistry II	6	Autumn
<a href="#">CHEM324</a>	Chemical Analysis and Inference	6	Autumn
<a href="#">CHEM213</a>	Molecular Structure, Reactivity and Change	6	Spring
<a href="#">CHEM214</a>	Analytical and Environmental Chemistry	6	Spring
<a href="#">CHEM360</a>	Organic Synthesis III	6	Spring

<a href="#">CHEM106</a>	Foundation Chemistry: Properties and Reactivity of Matter	6	Summer 2019/2020
<b>Science and Technology Studies Electives</b>			
<a href="#">STS 216</a>	Environmental Sociology and Politics	6	Spring
<a href="#">STS 286</a>	Risk, Media and Communication	6	Spring

## Other Information

Graduates can apply for entry to [Honours](#) in Chemistry or [Master of Philosophy](#).

Further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or [Academic Program Director](#)

Last reviewed: 25 October, 2018

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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Science | 2019

Testamur Title of Degree:	Bachelor of Science
Abbreviation:	BSc
UOW Course Code:	1874
CRICOS Code:	085272F
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Social Sciences
Intake Session(s):	Autumn, Spring
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 757710

## Overview

These Bachelor of Science programs allow students to combine an exciting Human Geography program with Physical Geography and other science subjects. The Human Geography major offers a great deal of flexibility and choice, while the Environment and Heritage Management major is more prescribed.

As a Science student, you will learn skills valuable to employers, including logical and critical thinking, creative problem-solving, practical research skills, organisational abilities, numeracy, statistical literacy, computer skills and strong communication. You will undertake practical and fieldwork, taking advantage of the superb local environment including urban and heritage landscapes, coastal landscapes, rainforested escarpment and freshwater ecosystems.

## Entry Requirements and Credit Arrangements

Academic requirements and English requirements are available from the Course Finder - [Human Geography](#) and [Environment and Heritage Management](#)

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to:

CLO	Description
1	Demonstrate knowledge of scientific and social science concepts and theories to understand the world, its people and places.
2	Demonstrate knowledge of key geographical approaches and conceptual frameworks, including the importance of space and place as dimensions of human activity across geographical scales from the body to the global.
3	Apply insights from science and social science to identify, in collaboration with others, solve diverse, unpredictable and often complex social problems, with a depth of application of geographical thinking.
4	Collect, review, manage and interpret qualitative and quantitative data relating to human activity, with a depth of knowledge regarding spatial data.
5	Present a clear, coherent and independent exposition of knowledge, ideas and research findings.
6	Appreciate the importance of ethical behaviour in scholarship and

	professional practice when applying critical thinking and judgment.
7	Recognise the importance of diversity in understanding and responding to social challenges when applying critical thinking and judgment.

## Course Structure

The Bachelor of Science (1874) requires the successful completion of at least 144 credit points, including:

- a. All subjects listed in the progression table for the selected major, including elective subjects from the list of [recommended electives](#) or the [General Schedule](#) as outlined; and
- b. No more than 60 credit points at 100 level.

## Majors

There are two majors available for the Bachelor of Science (1874):

- Human Geography; and
- Environment and Heritage Management

## Human Geography

Human Geography is the study of people and place. Human Geographers examine social and environmental problems in a holistic way, and apply spatial thinking to help resolve social conflicts and environmental crises. This makes Human Geography an immediately socially-relevant discipline. Human Geographers make an essential contribution to environmental management, urban planning, and the management of social and economic change.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn Session</b>			
<a href="#">EESC103</a>	Earth's Dynamic Surface	6	Autumn
<a href="#">GEOG121</a>	Human Geography: Life in a Globalising World	6	Autumn
Plus 12 credit points at 100-level from the list of recommended electives or the General Schedule*			
<b>Spring Session</b>			
<a href="#">GEOG122</a>	Human Geography: Living in a	6	Spring

	Material World		
<a href="#">GEOG123</a>	Indigenous Geographies: Questioning Country	6	Spring
<a href="#">PSYC123</a>	Research Methods and Statistics	6	Spring
Plus 6 credit points at 100-level from the list of recommended electives or the General Schedule*			
<b>Year 2</b>			
<b>Autumn Session</b>			
<a href="#">GEOG221</a>	Population Geography: People, Place, Inequality	6	Autumn
<a href="#">GEOG241</a>	Urban Geographies: Just and Sustainable Cities?	6	Autumn
Plus 12 credit points at 200-level from the list of recommended electives or the General Schedule*			
<b>Spring Session</b>			
<a href="#">GEOG222</a>	Society and Environment: Resources, Challenges, Futures	6	Spring
<a href="#">GEOG224</a>	The Future of Food: Resilience, Communities and Policy	6	Spring
<a href="#">GEOG231</a>	Maps and Apps for Social Scientists	6	Spring
Plus 6 credit points at 200-level from the list of recommended electives or the General Schedule*			
<b>Year 3</b>			
<b>Autumn Session</b>			
<a href="#">GEOG336</a>	Qualitative Research Design for Social Scientists	6	Autumn
<a href="#">GEOG338</a>	Planning Urban Futures	6	Autumn
Plus 12 credit points at 300-level from the list of recommended			

electives or from the Science or General Schedule\*

### Spring Session

<a href="#">GEOG337</a>	Policy for Environmental and Heritage Management	6	Spring
<a href="#">GEOG353</a>	Qualitative GIS	6	Spring

Plus 12 credit points at 300-level from the list of recommended electives or from the Science or General Schedule\*

### Recommended Electives for the Human Geography Major

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">INDS150</a>	Introduction to Indigenous Australia	6	Autumn
<a href="#">EESC101</a>	Planet Earth	6	Autumn
<a href="#">EESC105</a>	Introductory Geospatial Analysis	6	Autumn, Spring
<a href="#">EESC102</a>	Earth's Interconnected Spheres	6	Spring
<a href="#">SCIE103</a>	Climate Change	6	Spring
<a href="#">EESC207</a>	Advanced Geospatial Analysis	6	Autumn, Spring
<a href="#">GEOG251</a>	Disaster Geographies: Risk, Policy, Management	6	Autumn
<a href="#">PHIL256</a>	Environmental Philosophy: Animals, Nature and Ethics	6	Spring
<a href="#">GEOG339</a>	Geographies of Change: International Fieldwork Intensive	6	Spring
<a href="#">EESC328</a>	Dung, Death and Decay: Modern scientific methods in archaeology	6	Autumn

\*General Schedule subjects recommended for this major include subjects with the prefix HIST, ECON and SOC.

For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes page](#).

## Environment and Heritage Management

This specialist program combines Physical and Human Geography with other relevant subjects to provide the skills and knowledge required for employment or research on both cultural and natural heritage issues.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn Session</b>			
<a href="#">GEOG121</a>	Human Geography: Life in a Globalising World	6	Autumn
<a href="#">EESC103</a>	Earth's Dynamic Surface	6	Autumn
<a href="#">INDS150</a>	Introduction to Indigenous Australia	6	Autumn
<a href="#">EESC105</a>	Introductory Geospatial Analysis	6	Autumn, Spring
<b>Spring Session</b>			
<a href="#">EESC102</a>	Earth's Interconnected Spheres	6	Spring
<a href="#">GEOG122</a>	Human Geography: Living in a Material World	6	Spring
<a href="#">GEOG123</a>	Indigenous Geographies: Questioning Country	6	Spring
Plus 6 credit points at 100-level from the list of recommended electives or the General Schedule*			
<b>Year 2</b>			
<b>Autumn Session</b>			

Select TWO of the following three subjects:			
<a href="#">GEOG221</a>	Population Geography: People, Place, Inequality	6	Autumn
<a href="#">EESC203</a>	Biogeography and Environmental Change	6	Autumn
<a href="#">GEOG251</a>	Disaster Geographies: Risk, Policy, Management	6	Autumn
Plus 12 credit points at 200-level from the list of recommended electives or the General Schedule*			
<b>Spring Session</b>			
<a href="#">GEOG222</a>	Society and Environment: Resources, Challenges, Futures	6	Spring
<a href="#">GEOG231</a>	Maps and Apps for Social Scientists	6	Spring
<a href="#">GEOG224</a>	The Future of Food: Resilience, Communities and Policy	6	Spring
Plus ONE of the following two subjects:			
<a href="#">EESC202</a>	Shaping Earth's Surface	6	Spring
<a href="#">PSYC123</a>	Research Methods and Statistics	6	Spring
<b>Year 3</b>			
<b>Autumn Session</b>			
<a href="#">EESC207</a>	Advanced Geospatial Analysis	6	Autumn, Spring
<a href="#">GEOG336</a>	Qualitative Research Design for Social Scientists	6	Autumn
<a href="#">GEOG338</a>	Planning Urban Futures	6	Autumn
Plus 6 credit points at 300-level from the list of recommended electives or from the Science or General Schedule*			
<b>Spring Session</b>			



<a href="#">GEOG337</a>	Policy for Environmental and Heritage Management	6	Spring
<a href="#">GEOG353</a>	Qualitative GIS	6	Spring
Plus 12 credit points at 300-level from the list of recommended electives or from the Science or General Schedule*			

### Recommended Electives for the Environment and Heritage Management Major

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">BIOL104</a>	Evolution, Biodiversity and Environment	6	Autumn
<a href="#">BIOL105</a>	Functional Biology of Animals and Plants	6	Autumn
<a href="#">EESC101</a>	Planet Earth	6	Autumn
<a href="#">BIOL103</a>	Molecules, Cells and Organisms	6	Spring
<a href="#">SCIE103</a>	Climate Change	6	Spring
<a href="#">EESC323</a>	Fluvial Geomorphology and Sedimentology	6	Autumn
<a href="#">STS 302</a>	Climate Change Policy, Possible Futures	6	Autumn
<a href="#">GEOG339</a>	Geographies of Change: International Fieldwork Intensive	6	Spring
<a href="#">EESC322</a>	Coastal Environments: Process and Management	6	Spring
<a href="#">INDS302</a>	Indigenous Thinkers: Global Perspectives	6	Spring
<a href="#">LAW 381</a>	Law for Environmental Managers	6	Spring

\* General Schedule subjects recommended for this major include subjects with the prefix HIST, INDS, STS and LAW.

For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes page](#).

## Dean's Scholar

A Dean's Scholar program with a fourth year of honours is available for high achieving students. For further information refer to the Bachelor of Science (Honours) (Dean's Scholar). Honours students with a good academic record, particularly in third year, are encouraged to proceed to the honours year in the discipline of their major. The honours year is a fourth year of study that provides training in independent research. For further information refer to the [Bachelor of Science \(Honours\)](#).

## Other Information

For further information email: [ssc@uow.edu.au](mailto:ssc@uow.edu.au)

Last reviewed: 27 October, 2018

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Science | 2019

Note: This course is currently under review and is not available in 2019 for new enrolments. Students interested in studying psychology in the Faculty of Social Sciences should visit the [Bachelor of Psychological Science](#) handbook page.

Testamur Title of Degree:	Bachelor of Science
Abbreviation:	BSc
UOW Course Code:	333
CRICOS Code:	078319K
Total Credit Points:	144
Duration:	3 years full-time or part-time equivalent
Home Faculty:	Faculty of Social Sciences
Intake Session(s):	Not available in 2019
Delivery Mode:	On-campus
Delivery Campus /	Wollongong / 757651

UAC Code:	
Additional Information:	Not Available

## Other Information

Students currently enrolled in this course can refer to the relevant calendar year from the [Course Handbook Archives](#) for additional information.

For further information please email: [ssc@uow.edu.au](mailto:ssc@uow.edu.au)

Last reviewed: 3 October, 2018

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Science (Honours) (Physics) | 2019

Testamur Title of Degree:	Bachelor of Science (Honours) (Physics)
Abbreviation:	BSc(Hons)(Phys)
UOW Course Code:	1815
CRICOS Code:	031275E
Total Credit Points:	48
Duration:	1 year full-time or part-time equivalent
Home Faculty:	Faculty of Engineering and Information Sciences
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus:	Wollongong

## Overview

Students who have fulfilled the requirements of a [Bachelor of Science \(Physics\)](#) and achieved the required academic standard may undertake an Honours degree - a year of research training in the discipline.

The Honours degree provides students with the first real opportunity to undertake research on a topic of their interest. The Honours year is particularly important as it represents a gateway to future research opportunities, both in the form of higher research degrees and as a career in research, or to other vocations that require advanced analytical and research skills.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Integrate knowledge of a variety of fundamental physical laws to analyse behaviour and properties of physical systems;
2	Demonstrate advanced knowledge of research principles and methods associated with physics;
3	Integrate advanced technical and cognitive skills in reviewing, analysing and synthesising information to address specific themes in physics;
4	Exercise critical thinking, initiative and judgment in understanding complex concepts and constructing new understandings in contemporary physics;
5	Communicate advanced knowledge and ideas clearly and coherently by written and oral means to an expert and non-expert audiences;
6	Plan and execute a research project pertinent to physics in collaboration with an academic supervisor.

## Course Structure

To graduate with an Honours degree, candidates undertake a research thesis within their major study discipline, together with required coursework. The Honours grade will be calculated in accordance with Method 1. For further information refer to [General Course Rules](#).

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">PHYS457</a>	Research Project	24	Annual, Spring 2019/Autumn 2020
<a href="#">PHYS466</a>	Research Methods	6	Annual, Autumn
<a href="#">PHYS474</a>	Quantum Mechanics	6	Spring
<a href="#">PHYS476</a>	Solid State Physics	6	Annual
<a href="#">PHYS473</a>	Electromagnetism	3	Autumn
<b>Plus one of the following</b>			
<a href="#">PHYS471</a>	Theoretical Mechanics	3	Autumn
<a href="#">PHYS472</a>	Relativity and Cosmology	3	Not available in 2019

## Other Information

For further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au)

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Science (Honours) | 2019

Testamur Title of Degree:	Bachelor of Science (Honours)
Abbreviation:	BSc(Hons)
UOW Course Code:	1875
CRICOS Code:	084774C
Total Credit Points:	48
Duration:	1 year full-time or part-time equivalent
Home Faculty:	Faculty of Social Sciences
Intake Session(s):	Autumn, Spring
Delivery Mode:	On-campus
Delivery Campus:	Wollongong

## Overview

Students who have fulfilled the requirements of a Bachelor of Science with a

major in Human Geography or Land and Heritage Management and have achieved the required academic standard may undertake an Honours degree: a year of research training in the discipline.

The Honours degree provides students with the first real opportunity to undertake research on a topic of interest.

It represents a gateway to future research opportunities, both in the form of higher research degrees and as a career in research, or other vocations that require advanced analytical and research skills.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:

CLO	Description
1	Construct an evidence based approach to identifying and developing your leadership potential as a geographer in a changing world.
2	Conceptualise, plan, undertake and report on an independent geographical research project.

## Course Structure

Students undertaking research in Human Geography or Land and Heritage Management will enrol in an appropriate 400-level Honours subject selected from the table below.

The Honours grade will be calculated in accordance with Method 1 defined in the [General Course Rules Section 8](#).

Subject Code	Subject Name	Credit Points	Session(s)
<b>Annual Session Full-time</b>			
Select ONE of the following TWO subjects:			

<a href="#">GEOG401</a>	Human Geography Honours Full-time	48	Annual, Spring 2019/Autumn 2020
<a href="#">GEOG406</a>	Human Geography Joint Honours	24	Not available in 2019
<p><b>Annual Session Part-time</b>            Select <a href="#">GEOG404</a> in the first year of study. Select <a href="#">GEOG405</a> in the second year of study</p>			
<a href="#">GEOG404</a>	Human Geography Honours Part 1 (Part-time Students)	24	Annual
<a href="#">GEOG405</a>	Human Geography Honours Part 2 (Part-time Students)	24	Annual

For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Other Information

For further information email: [ssc@uow.edu.au](mailto:ssc@uow.edu.au)

Last reviewed: 13 November, 2018

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Science (Honours) (Dean's Scholar) | 2019

Testamur Title of Degree:	Bachelor of Science (Honours) (Dean's Scholar)
Abbreviation:	BSc(Hons)(Dean'sSchol)
UOW Course Code:	1786
CRICOS Code:	094538K
Total Credit Points:	192
Duration:	4 years full-time or part-time equivalent
Home Faculty:	Faculty of Science, Medicine and Health
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 757601

## Overview

The Dean Scholar Program, designed specifically for high achieving students, offers direct entry into Honours (unlike the normal Bachelor of Science which delays selection for Honours until the completion of the third year) and additional enrichment opportunities.

During the first three years students gain a comprehensive education in Science by selecting a major study and a range of elective subjects. The major areas of study comprise: Biological Sciences, Chemistry, Geology and Physical Geography and Environmental Geosciences. The flexible structure of the major and electives allows students to design their study program to meet their particular interests and abilities. Students may combine their chosen Science major with a second major chosen from outside the Faculty, or with a range of elective subjects.

All students are invited to participate in various enrichment activities throughout the program and, after the first year, to develop a close association with an appropriate member of one of the faculty's research teams.

Dean's Scholar students have the opportunity to undertake individual research subjects. Students are normally required to achieve at least a Distinction average in subjects completed in a calendar year.

In the final year, all students undertake a substantial piece of supervised research in their major discipline, together with other required seminar and/or course work. Graduates may then be eligible for enrolment into a research doctorate in their chosen field or into other postgraduate degrees. Those who do not qualify for direct entry to the advanced degree may gain admission via the Bachelor of Science, subject to satisfactory performance in first year and approval of the Head of Students or Associate Dean (Education).

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to demonstrate:



CLO	Description
1	Integrate and apply broad and advanced knowledge of the principles and concepts associated with a specific discipline area of science.
2	Analyse and synthesise information to independently generate solutions to complex problems.
3	Exercise critical thinking and judgement in developing and applying new understandings.
4	Adapt and apply knowledge and skills in a variety of research contexts.
5	Communicate clearly and coherently knowledge and ideas to a variety of audiences
6	Independently plan and execute a project/piece of research and communicate the findings to a variety of audiences.

## Course Structure

To qualify for award of the degree, the Bachelor of Science (Honours)(Dean's Scholar), a candidate must successfully complete at least 192 credit points, comprised of:

- No more than 60 credit points of 100-level subjects
- A minimum 24 credit points of 300-level subjects
- A major study listed below

To maintain a place in the Dean's Scholar degree, students are normally required to achieve a Weighted Average Mark (WAM) of at least 75% in the 200 and 300 level subjects completed. The performance of each student will be reviewed initially by the Faculty after the completion of 72 credit points. Students not meeting the minimum progression requirements will be required to transfer into the [Bachelor of Science](#) degree.

Students must have a grade of Pass (not Pass Supplementary) or higher in at least 24 credit points of 300-level core subjects which form part of a Science major.

## Majors

Students select a major from those listed below:

- [Biological Sciences](#)
- [Chemistry](#)
- [Geology](#)
- [Physical Geography and Environmental Geosciences](#)

## Honours

After fulfilling the progression requirements, Bachelor of Science (Honours) (Dean's Scholar) students automatically proceed to an Honours year in their



chosen discipline. The Honours grade will be calculated in accordance with Method 1 defined in the [General Course Rules Section 8](#).

## Other Information

Please note: Similar programs are also available to students wishing to undertake one of the specialist degrees in the disciplines of Conservation Biology, Marine Science, Medical Biotechnology or Medicinal Chemistry.

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

Last reviewed: 26 October, 2018

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# 2019 Undergraduate Courses

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Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Science (Honours) (Dean's Scholar) | 2019

Testamur Title of Degree:	Bachelor of Science (Honours) (Dean's Scholar)
Abbreviation:	BSc(Hons)(Dean'sSchol)
UOW Course Code:	1876
CRICOS Code:	084773D
Total Credit Points:	192
Duration:	4 years full-time or part-time equivalent
Home Faculty:	Faculty of Social Sciences
Intake Session(s):	Autumn
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 757700

## Overview

The Bachelor of Science (Honours) (Dean's Scholar) program allows students to combine an exciting Human Geography program with Physical Geography and other science subjects. The Human Geography major offers a great deal of flexibility and choice, while the Environment and Heritage Management major is more prescribed.

As a Science student, you will learn skills valuable to employers, including logical and critical thinking, creative problem-solving, practical research skills, organisational abilities, numeracy, statistical literacy, computer skills and strong communication. You will undertake practical and fieldwork, taking advantage of the superb local environment including urban and heritage landscapes, coastal landscapes, rain forested escarpment and freshwater ecosystems.

The Dean's Scholar Program, designed specifically for high achieving students, offers direct entry into Honours, unlike the normal Bachelor of Science which delays selection for Honours until the completion of the third year. Students who are eligible for this degree fulfil all the same requirements as Bachelor of Science candidates, but are also eligible for additional benefits and challenges. All are invited to participate in various enrichment activities throughout the program and, after the first year, to develop a close association with an appropriate member of one of the faculty's research teams.

Dean's Scholar students have the opportunity to undertake individual research subjects. Students are normally required to achieve at least a Distinction average in subjects completed in a calendar year. In the final year, all students undertake a substantial piece of supervised research in their major discipline, together with other required seminar and/or course work. Graduates may then be eligible for enrolment into a research doctorate in their chosen field or into other postgraduate degrees. Those who do not qualify for direct entry to the Dean's Scholar degree may gain admission via the Bachelor of Science, subject to satisfactory performance in first year and approval of the Head of Students or Associate Dean (Education).

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and

be able to do upon completion of a course. Students graduating from this course will be able to:

CLO	Description
1	Demonstrate knowledge of scientific and social science concepts and theories to understand the world, its people and places.
2	Demonstrate knowledge of key geographical approaches and conceptual frameworks, including the importance of space and place as dimensions of human activity across geographical scales from the body to the global.
3	Apply insights from science and social science to identify, in collaboration with others, solve diverse, unpredictable and often complex social problems, with a depth of application of geographical thinking.
4	Collect, review, manage and interpret qualitative and quantitative data relating to human activity, with a depth of knowledge regarding spatial data.
5	Present a clear, coherent and independent exposition of knowledge, ideas and research findings.
6	Appreciate the importance of ethical behaviour in scholarship and professional practice when applying critical thinking and judgment.
7	Recognise the importance of diversity in understanding and responding to social challenges when applying critical thinking and judgment.
8	Construct an evidence based approach to identifying and developing your leadership potential as a geographer in a changing world.
9	Conceptualise, plan, undertake and report on an independent geographical research project.

## Course Structure

Students enrolled in the Bachelor of Science (Honours) (Dean's Scholar) are required to complete at least 192 credit points including:

- a. All subjects listed in the progression table for the selected major; and
- b. No more than 60 credit points at 100 level.

To maintain a place in the Dean's Scholar degree, students are normally required to maintain a Weighted Average Mark (WAM) of at least 80% in each year of enrolment, from and including Year 2. Students not meeting the minimum progression requirements will be required to transfer to the Bachelor of Science (1874).

The Honours grade will be calculated in accordance with Method 1 defined in the [General Course Rules Section 8](#).

# Majors

There are two majors available for the Bachelor of Science (Honours) (Dean's Scholar):

- Human Geography; and
- Environment and Heritage Management

## Human Geography

Human Geography is the study of people and place. Human Geographers examine social and environmental problems in a holistic way, and apply spatial thinking to help resolve social conflicts and environmental crises. This makes Human Geography an immediately socially-relevant discipline. Human Geographers make an essential contribution to environmental management, urban planning, and the management of social and economic change.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn Session</b>			
<a href="#">EESC103</a>	Earth's Dynamic Surface	6	Autumn
<a href="#">GEOG121</a>	Human Geography: Life in a Globalising World	6	Autumn
Plus 12 credit points at 100-level from the list of <a href="#">recommended electives</a> or the <a href="#">General Schedule</a> *			
<b>Spring Session</b>			
<a href="#">GEOG122</a>	Human Geography: Living in a Material World	6	Spring
<a href="#">GEOG123</a>	Indigenous Geographies: Questioning Country	6	Spring
<a href="#">PSYC123</a>	Research Methods and Statistics	6	Spring
Plus 6 credit points at 100-level from the list of recommended electives or the General Schedule*			
<b>Year 2</b>			

<b>Autumn Session</b>			
<a href="#">GEOG221</a>	Population Geography: People, Place, Inequality	6	Autumn
<a href="#">GEOG241</a>	Urban Geographies: Just and Sustainable Cities?	6	Autumn
Plus 12 credit points at 200-level from the list of recommended electives or the General Schedule*			
<b>Spring Session</b>			
<a href="#">GEOG222</a>	Society and Environment: Resources, Challenges, Futures	6	Spring
<a href="#">GEOG224</a>	The Future of Food: Resilience, Communities and Policy	6	Spring
<a href="#">GEOG231</a>	Maps and Apps for Social Scientists	6	Spring
Plus 6 credit points at 200-level from the list of recommended electives or the General Schedule*			
<b>Year 3</b>			
<b>Autumn Session</b>			
<a href="#">GEOG335</a>	Directed Studies in Geography and Sustainable Communities A**	6	Autumn
<a href="#">GEOG336</a>	Qualitative Research Design for Social Scientists	6	Autumn
<a href="#">GEOG338</a>	Planning Urban Futures	6	Autumn
Plus 6 credit points at 300-level from the list of recommended electives or from the Science or General Schedule*			
<b>Spring Session</b>			
<a href="#">GEOG337</a>	Policy for Environmental and Heritage Management	6	Spring
<a href="#">GEOG353</a>	Qualitative GIS	6	Spring

Plus 12 credit points at 300-level from the list of recommended electives or from the Science or General Schedule\*

#### Year 4

#### Annual Session

<a href="#">GEOG401</a>	Human Geography Honours Full-time	48	Annual
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Students enrolled part-time will complete the following TWO subjects:

<a href="#">GEOG404</a>	Human Geography Honours Part 1 (Part-time Students)	24	Annual
<a href="#">GEOG405</a>	Human Geography Honours Part 2 (Part-time Students)	24	Annual

\* General Schedule subjects recommended for this major include subjects with the prefix HIST, INDS, STS and LAW.

\*\* [GEOG335](#) may be substituted with [GEOG351](#) in Spring session.

#### Recommended Electives for the Human Geography Major

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">INDS150</a>	Introduction to Indigenous Australia	6	Autumn
<a href="#">EESC101</a>	Planet Earth	6	Autumn
<a href="#">EESC105</a>	Introductory Geospatial Analysis	6	Autumn, Spring
<a href="#">EESC102</a>	Earth's Interconnected Spheres	6	Spring
<a href="#">SCIE103</a>	Climate Change	6	Spring
<a href="#">EESC207</a>	Advanced Geospatial Analysis	6	Autumn, Spring
<a href="#">GEOG251</a>	Disaster Geographies: Risk, Policy, Management	6	Autumn

PHIL256	Environmental Philosophy: Animals, Nature and Ethics	6	Spring
GEOG339	Geographies of Change: International Fieldwork Intensive	6	Spring
EESC328	Dung, Death and Decay: Modern scientific methods in archaeology	6	Autumn

For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Environment and Heritage Management

This specialist program combines Physical and Human Geography with other relevant subjects to provide the skills and knowledge required for employment or research on both cultural and natural heritage issues.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn Session</b>			
GEOG121	Human Geography: Life in a Globalising World	6	Autumn
EESC103	Earth's Dynamic Surface	6	Autumn
INDS150	Introduction to Indigenous Australia	6	Autumn
EESC105	Introductory Geospatial Analysis	6	Autumn, Spring
<b>Spring Session</b>			
EESC102	Earth's Interconnected Spheres	6	Spring
GEOG122	Human Geography: Living in a Material World	6	Spring
GEOG123	Indigenous Geographies:	6	Spring



	Questioning Country		
Plus 6 credit points at 100-level from the list of <a href="#">recommended electives</a> or the <a href="#">General Schedule</a> *			
<b>Year 2</b>			
<b>Autumn Session</b>			
Select TWO of the following three subjects:			
<a href="#">GEOG221</a>	Population Geography: People, Place, Inequality	6	Autumn
<a href="#">EESC203</a>	Biogeography and Environmental Change	6	Autumn
<a href="#">GEOG251</a>	Disaster Geographies: Risk, Policy, Management	6	Autumn
Plus 12 credit points at 200-level from the list of recommended electives or the General Schedule*			
<b>Spring Session</b>			
<a href="#">GEOG222</a>	Society and Environment: Resources, Challenges, Futures	6	Spring
<a href="#">GEOG231</a>	Maps and Apps for Social Scientists	6	Spring
<a href="#">GEOG224</a>	The Future of Food: Resilience, Communities and Policy	6	Spring
Plus ONE of the following two subjects:			
<a href="#">EESC202</a>	Shaping Earth's Surface	6	Spring
<a href="#">PSYC123</a>	Research Methods and Statistics	6	Spring
<b>Year 3</b>			
<b>Autumn Session</b>			
<a href="#">EESC207</a>	Advanced Geospatial Analysis	6	Autumn, Spring

<a href="#">GEOG336</a>	Qualitative Research Design for Social Scientists	6	Autumn
<a href="#">GEOG338</a>	Planning Urban Futures	6	Autumn
Plus 6 credit points at 300-level from the list of recommended electives or from the Science or General Schedule*			
<b>Spring Session</b>			
<a href="#">GEOG337</a>	Policy for Environmental and Heritage Management	6	Spring
<a href="#">GEOG353</a>	Qualitative GIS	6	Spring
Plus 12 credit points at 300-level from the list of recommended electives or from the Science or General Schedule*			
<b>Year 4</b>			
<b>Annual Session</b>			
<a href="#">GEOG401</a>	Human Geography Honours Full-time	48	Annual
Students enrolled part-time will complete the following TWO subjects:			
<a href="#">GEOG404</a>	Human Geography Honours Part 1 (Part-time Students)	24	Annual
<a href="#">GEOG405</a>	Human Geography Honours Part 2 (Part-time Students)	24	Annual

\* General Schedule subjects recommended for this major include subjects with the prefix HIST, INDS, STS and LAW.

### **Recommended Electives for the Environment and Heritage Management Major**

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">BIOL104</a>	Evolution, Biodiversity and Environment	6	Autumn

<a href="#">BIOL105</a>	Functional Biology of Animals and Plants	6	Autumn
<a href="#">EESC101</a>	Planet Earth	6	Autumn
<a href="#">BIOL103</a>	Molecules, Cells and Organisms	6	Spring
<a href="#">SCIE103</a>	Climate Change	6	Spring
<a href="#">EESC323</a>	Fluvial Geomorphology and Sedimentology	6	Autumn
<a href="#">STS 302</a>	Climate Change Policy, Possible Futures	6	Autumn
<a href="#">GEOG339</a>	Geographies of Change: International Fieldwork Intensive	6	Spring
<a href="#">EESC322</a>	Coastal Environments: Process and Management	6	Spring
<a href="#">INDS302</a>	Indigenous Thinkers: Global Perspectives	6	Spring
<a href="#">LAW 381</a>	Law for Environmental Managers	6	Spring

For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Other Information

For further information email: [ssc@uow.edu.au](mailto:ssc@uow.edu.au)

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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Science (Physics) - Bachelor of Arts | 2019

Testamur Title of Degree:	Bachelor of Science - Bachelor of Arts
Abbreviation:	BSc-BA
UOW Course Code:	747_7
CRICOS Code:	078312F
Total Credit Points:	216
Duration:	4.5 years full-time or part-time equivalent
Home Faculty:	Faculty of Engineering and Information Sciences
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 751803

## Overview

Science and humanities subjects are studied in depth combining the practical, numeracy and computer skills of the Science graduate with the communication skills of the Arts graduate. Consider Science and Technology Studies for a critical understanding of the role of scientists in modern society; or perhaps combine Science with another language for an international edge.

More information regarding double degree course requirements can be found in [UOW's Policy Guidelines](#). Students must seek advice and approval from both Faculties before enrolment.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Students graduating from the Bachelor of Science (Physics) - Bachelor of Arts will be able to:

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

The outcomes, which are common and consolidated in this joint degree, ensure that on successful completion of the course students will be able to:

CLO	Description
1	Demonstrate and identify core knowledge and understandings of the discipline.
2	Apply disciplinary knowledge to analyse real-world issues.
3	Communicate concepts effectively to a range of audiences.

Please refer to the [Bachelor of Science \(Physics\)](#) and [Bachelor of Arts](#) undergraduate course handbook page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

Students who enrol in the Bachelor of Science (Physics) - Bachelor of Arts,

must complete each of the following:

- a. A minimum of 216 credit points;
- b. Bachelor of Science (Physics) component consisting of 90 credit points of subjects from the Physics major as listed in the [Bachelor of Science \(Physics\)](#);
- c. At least 90 credit points of subjects offered by the Faculty of Law, Humanities and the Arts, including:
  - [LHA 101](#) Introduction to Arts and the Humanities;
  - at least one of the majors listed in the Bachelor of Arts;
  - a second major (minimum 48 cp and maximum 60 cp), or a minor (minimum 24 cp), from within the Faculty of Law, Humanities and the Arts.
- d. not more than 90 credit points for 100-level subjects;
- e. 36 credit points of subjects from either the Physics list, the Arts major list or the General Schedule.

Note:

- The Bachelor of Science (Physics) - Bachelor of Arts is normally completed over 4.5 years. Students may complete in 4 years if they wish to enrol in more than the normal full-time study load.

## Majors

Students must consult advisors from all relevant faculties about selecting majors.

## Honours

Students who complete the double degree with the required academic standard in the relevant major are eligible for entry into either [Bachelor of Science \(Honours\) \(Physics\)](#) or [Bachelor of Arts \(Honours\)](#).

## Other Information

For further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or [Academic Program Director](#)

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Science - Bachelor of Arts | 2019

Testamur Title of Degree:	Bachelor of Science - Bachelor of Arts
Abbreviation:	BSc-BA
UOW Course Code:	747
CRICOS Code:	078316B
Total Credit Points:	216
Duration:	4.5 years full-time or part-time equivalent
Home Faculty:	Faculty of Science, Medicine and Health
Intake Session(s):	Autumn, Spring
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 751801

## Overview

Science and humanities subjects are studied in depth combining the practical, numeracy and computer skills of the Science graduate with the communication skills of the Arts graduate. Consider Science and Technology Studies for a critical understanding of the role of scientists in modern society; or perhaps combine Science with a language for an international edge.

More information regarding double degree course requirements can be found in [UOW's Policy Guidelines](#). Students must seek advice and approval from both Faculties before enrolment.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

The outcomes which are common and consolidated in this joint degree ensure that on successful completion of the course students will be able to:

1. Appraise and apply knowledge in a discipline area.
2. Identify and apply information for a discipline specific context.
3. Exercise critical thinking.
4. Apply disciplinary knowledge to solve problems.
5. Apply knowledge in an authentic context.
6. Communicate to a range of audiences.

Please refer to the [Undergraduate Course Handbook](#) page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

Students enrolled in the Bachelor of Science - Bachelor of Arts must successfully complete a total of 216 credit points made up of:

1. At least 90 credit points of subjects as prescribed within one of the [Bachelor of Science](#) majors. Note: some of the interdisciplinary majors require the completion of additional credit points, which may extend the duration of your degree.
2. At least 90 credit points of subjects offered by the Faculty of Law, Humanities and the Arts, including:

- a. [LHA101](#) Introduction to Arts and the Humanities;
  - b. at least one of the majors listed in the [Bachelor of Arts](#) degree;
  - c. a second major (minimum 48 credit points, maximum 60 credit points) or a minor (minimum 24 credit points),
3. Not more than 96 credit points of 100-level subjects.

## Majors

Students must consult advisors from all relevant faculties about selecting majors.

## Honours

Students who complete the double degree with the required academic standard in the relevant major are eligible to apply for entry into either [Bachelor of Science \(Honours\)](#) or [Bachelor of Arts \(Honours\)](#).

## Other Information

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

Last reviewed: 10 November, 2018

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Science - Bachelor of Commerce | 2019

Testamur Title of Degree:	Bachelor of Science - Bachelor of Commerce
Abbreviation:	BSc-BCom
UOW Course Code:	747_6
CRICOS Code:	028399G
Total Credit Points:	216
Duration:	4.5 years full-time or part-time equivalent
Home Faculty:	Faculty of Science, Medicine and Health
Intake Session(s):	Autumn, Spring
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 751802

## Overview

The Bachelor of Science is designed for maximum flexibility and subject choice. Students can undertake either a broad education in science or a professionally recognised education in one particular discipline. The Bachelor of Commerce allows students to pursue a broad range of business and commerce specialisations.

More information regarding double degree course requirements can be found in [UOW's Policy Guidelines](#). Students must seek advice and approval from both Faculties before enrolment.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

A number of the course learning outcomes in each of these degrees complement and consolidate outcomes in the partner degree. Applied across two discipline areas, the outcomes are achieved at a broader and more comprehensive level.

The outcomes which are common and consolidated in this joint degree ensure that on successful completion of the course students will be able to:

1. Demonstrate knowledge of discipline information
2. Critically analyse and explain information
3. Apply critical thinking and judgement in making decisions and solving problems
4. Apply knowledge and skills to an authentic context
5. Effectively communicate knowledge and ideas to others

Please refer to the [Undergraduate Course Handbook](#) page of each individual degree for a comprehensive list of degree course learning outcomes.

## Course Structure

Students enrolled in the Bachelor of Science - Bachelor of Commerce must complete a total of 216 credit points, made up of:

1. At least 90 credit points of subjects as prescribed within one of the [Bachelor of Science](#) majors. Note: some of the interdisciplinary majors require the completion of additional credit points, which may extend the duration of your degree.
2. 54 credit points of core subjects (including the capstone subject) from the [Bachelor of Commerce](#), plus a 48 credit point major;

3. Subjects from the General Schedules to ensure that a minimum of 216 credit points have been completed.
4. Not more than 102 credit points for 100-level subjects.

**Please note:**

- Students must consult academic advisers from all relevant faculties regarding the selection of majors.
- Students may be given exemption from a subject when similar subjects exist in both majors selected, e.g. Statistics.

## Honours

Students who complete the double degree with the required academic standard in the relevant major are eligible to apply for entry into either [Bachelor of Science \(Honours\)](#) or [Bachelor of Commerce \(Honours\)](#).

## Other Information

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

Last reviewed: 24 April, 2018

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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Science Advanced (Honours) (Atmospheric Science) | 2019

### Course Structure

To complete the Bachelor of Science Advanced (Honours) (Atmospheric Science) students are required to complete:

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">CHEM101</a>	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
<b>OR</b>			
<a href="#">CHEM104</a>	Foundation Chemistry: Properties of Matter	6	Autumn
<b>NOTE: Students who have achieved a mark of 65% or more in NSW HSC Chemistry (or equivalent) must select CHEM101. All other students must enrol in CHEM104.</b>			
<a href="#">MATH187</a>	Mathematics 1: Algebra and	6	Autumn

	Differential Calculus		
<a href="#">PHYS141</a>	Fundamentals of Physics A	6	Autumn
<a href="#">EESC105</a>	Introductory Geospatial Analysis	6	Autumn, Spring
<a href="#">EESC102</a>	Earth's Interconnected Spheres	6	Spring
<a href="#">MATH188</a>	Mathematics 2: Series and Integral Calculus	6	Spring
<a href="#">PHYS142</a>	Fundamentals of Physics B	6	Spring
<a href="#">CHEM102</a>	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
<b>OR</b>			
<a href="#">CHEM105</a>	Foundation Chemistry: Reactions and Structures	6	Spring
<p><b>NOTE: Students who have achieved a mark of 65% or more in NSW HSC Chemistry (or equivalent) must select CHEM102. All other students must enrol in CHEM105.</b></p>			
<p><b># Note: <a href="#">CHEM106</a> is required for students completing <a href="#">CHEM104</a> and <a href="#">CHEM105</a> as pre-requisite subjects for most 200-level CHEM subjects. <a href="#">CHEM106</a> will be counted as a Chemistry elective.</b></p>			
<b>Year 2</b>			
<a href="#">MATH201</a>	Multivariate and Vector Calculus	6	Autumn
<a href="#">MATH202</a>	Differential Equations: Analysis and Applications	6	Autumn
<a href="#">PHYS205</a>	Advanced Modern Physics	6	Autumn
<a href="#">PHYS215</a>	Vibrations, Waves & Optics	6	Autumn
<a href="#">PHYS225</a>	Electromagnetism and Optoelectronics	6	Spring

<a href="#">PHYS235</a>	Mechanics & Thermodynamics	6	Spring
<a href="#">MATH203</a>	Linear Algebra and Groups	6	Spring
<a href="#">STAT101</a>	Introduction to Statistics	6	Spring
<b>Year 3</b>			
<a href="#">PHYS305</a>	Quantum Mechanics	6	Autumn
<a href="#">PHYS325</a>	Electromagnetism	6	Autumn
<a href="#">CHEM337</a>	Environmental Chemistry	6	Autumn
<a href="#">STAT201</a>	Random Variables and Estimation	6	Autumn
<a href="#">PHYS385</a>	Statistical Mechanics	6	Spring
<a href="#">STAT202</a>	Statistical Inference and Introduction to Model Building	6	Spring
<a href="#">EESC207</a>	Advanced Geospatial Analysis	6	Autumn, Spring
<b>Plus one of the following - the second subject will be complete in 4th year</b>			
<a href="#">PHYS402</a>	Atmospheric Remote Sensing and Inverse Methods	6	Spring
<a href="#">PHYS403</a>	Physics of Atmospheres and Oceans	6	Not available in 2019
<b>Year 4</b>			
<a href="#">PHYS457</a>	Research Project	24	Annual, Spring 2019/Autumn 2020
<a href="#">PHYS466</a>	Research Methods	6	Annual, Autumn
<a href="#">STAT301</a>	Statistical Methods for Data Science	6	Not available in 2019

**Plus one of the following - the one that was not completed in year 3**

<a href="#">PHYS402</a>	Atmospheric Remote Sensing and Inverse Methods	6	Not available in 2019
<a href="#">PHYS403</a>	Physics of Atmospheres and Oceans	6	Spring

**Plus one 6 cp subject at 300 or 400 level in physics, earth and environmental science, mathematics, statistics or chemistry**

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Professional Recognition/Accreditation

The Bachelor of Science Advanced Honours (Physics) conforms to the requirements for membership of the [Australian Institute of Physics](#).

## Other Information

For further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or [Academic Program Director](#)

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Science Advanced (Honours) (Biomolecular Physics) | 2019

### Course Structure

To complete the Bachelor of Science Advanced (Honours) (Biomolecular Physics) students are required to complete:

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">CHEM101</a>	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
<b>OR</b>			
<a href="#">CHEM104</a>	Foundation Chemistry: Properties of Matter	6	Autumn
<b>NOTE: Students who have achieved a mark of 65% or more in NSW HSC Chemistry (or equivalent) must select CHEM101. All other students must enrol in CHEM104.</b>			
<a href="#">MATH187</a>	Mathematics 1: Algebra and	6	Autumn



	Differential Calculus		
PHYS141	Fundamentals of Physics A	6	Autumn
BIOL103	Molecules, Cells and Organisms	6	Spring
MATH188	Mathematics 2: Series and Integral Calculus	6	Spring
PHYS142	Fundamentals of Physics B	6	Spring
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
<b>OR</b>			
CHEM105	Foundation Chemistry: Reactions and Structures	6	Spring
<p><b>NOTE: Students who have achieved a mark of 65% or more in NSW HSC Chemistry (or equivalent) must select CHEM102. All other students must enrol in CHEM105. CHEM106 is required for students completing CHEM104 and CHEM105 as pre-requisite subjects for most 200-level CHEM subjects.</b></p>			
<b>Plus an elective or</b>			
CHEM106	Foundation Chemistry: Properties and Reactivity of Matter	6	Summer 2019/2020
<b>Year 2</b>			
MATH201	Multivariate and Vector Calculus	6	Autumn
PHYS205	Advanced Modern Physics	6	Autumn
MATH202	Differential Equations: Analysis and Applications	6	Autumn
PHYS215	Vibrations, Waves & Optics	6	Autumn
CHEM214	Analytical and Environmental Chemistry	6	Spring

<a href="#">MATH203</a>	Linear Algebra and Groups	6	Spring
<a href="#">PHYS225</a>	Electromagnetism and Optoelectronics	6	Spring
<a href="#">PHYS235</a>	Mechanics & Thermodynamics	6	Spring
<b>Year3</b>			
<a href="#">PHYS305</a>	Quantum Mechanics	6	Autumn
<a href="#">PHYS325</a>	Electromagnetism	6	Autumn
<a href="#">CHEM324</a>	Chemical Analysis and Inference	6	Autumn
<a href="#">BIOL213</a>	Principles of Biochemistry	6	Autumn
<a href="#">CHEM325</a>	Bioinformatics:Genome, Genes and Biomolecules	6	Spring
<a href="#">BNAN201</a>	Biology at the Nanoscale	6	Spring
<a href="#">PHYS369</a>	Imaging, Structure and Dynamics of Living and Soft Matter	6	Not available in 2019
<a href="#">PHYS385</a>	Statistical Mechanics	6	Spring
<b>Year4</b>			
<a href="#">PHYS457</a>	Research Project	24	Annual, Spring 2019/Autumn 2020
<a href="#">PHYS466</a>	Research Methods	6	Annual, Autumn
<a href="#">PHYS476</a>	Solid State Physics	6	Annual
<a href="#">PHYS462</a>	Medical Imaging	6	Autumn
<b>Plus</b>			
One 6 cp subjects at 300 or 400 level in Physics, Mathematics, Statistics, Biology or Chemistry			

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Professional Recognition/Accreditation

The Bachelor of Science Advanced Honours (Physics) conforms to the requirements for membership of the [Australian Institute of Physics](#).

## Other Information

For further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or [Academic Program Director](#)

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# 2019 Undergraduate Courses

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Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Science Advanced (Honours) (Physics)

This information applies only to students commencing the relevant course at UOW in 2019.

### Course Structure

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">MATH187</a>	Mathematics 1: Algebra and Differential Calculus	6	Autumn
<a href="#">PHYS141</a>	Fundamentals of Physics A	6	Autumn
<a href="#">MATH188</a>	Mathematics 2: Series and Integral Calculus	6	Spring
<a href="#">PHYS142</a>	Fundamentals of Physics B	6	Spring
<a href="#">PHYS295</a>	Astronomy - Concepts of the Universe	6	Spring

<b>Plus THREE electives*</b>			
<b>Year 2</b>			
MATH201	Multivariate and Vector Calculus	6	Autumn
MATH202	Differential Equations: Analysis and Applications	6	Autumn
PHYS205	Advanced Modern Physics	6	Autumn
PHYS215	Vibrations, Waves & Optics	6	Autumn
PHYS235	Mechanics & Thermodynamics	6	Spring
PHYS225	Electromagnetism and Optoelectronics	6	Spring
MATH203	Linear Algebra and Groups	6	Spring
MATH301	Complex Analysis	6	Not available 2019
<b>Year 3</b>			
PHYS305	Quantum Mechanics	6	Autumn
PHYS325	Electromagnetism	6	Autumn
PHYS306	Project in Physics	6	Autumn, Spring
<b>Plus ONE subject from the following two subjects:</b>			
PHYS335	Classical Mechanics	6	Autumn
PHYS390	Relativity, Astrophysics, and Cosmology	6	Not available in 2019
<b>Plus the following subjects:</b>			
PHYS375	Nuclear Physics	6	Spring
PHYS385	Statistical Mechanics	6	Spring

PHYS396	Electronic Materials	6	Spring
<b>Plus ONE elective*</b>			
<b>Year 4</b>			
PHYS457	Research Project	24	Annual, Spring 2019/Autumn 2020
PHYS474	Quantum Mechanics	6	Spring
PHYS476	Solid State Physics	6	Annual
PHYS466	Research Methods	6	Annual, Autumn
PHYS473	Electromagnetism	3	Autumn
<b>Plus one of the following</b>			
PHYS472	Relativity and Cosmology	3	Not available in 2019
PHYS471	Theoretical Mechanics	3	Autumn
<b>* Recommended Physics Electives</b>			
PHYS154	Energy, Climate Change and Human Society	6	Autumn
PHYS233	Introduction to Environmental Physics	6	Autumn
PHYS155	Introduction to Biomedical Physics	6	Spring

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Professional Recognition/Accreditation

The Bachelor of Science Advanced Honours (Physics) conforms to the requirements for membership of the [Australian Institute of Physics](#).

## Other Information

For further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or [Academic Program Director](#)

Last reviewed: 4 October, 2018

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# 2019 Undergraduate Courses

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Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Health Promotion | 2019

### Overview

Health Promotion is directed at enabling people to increase control over the determinants of their health and also changing social, environmental, political and economic conditions to reduce their impact on the health of communities. Students will learn how to plan, implement and evaluate health policies and projects, undertake health education initiatives, use media, engage with communities and develop advocacy strategies. Most of all, students will learn how to make a difference in people's everyday lives. Job opportunities include health promotion officer, community health project worker.

### Subjects Required for Major Study

A major in Health Promotion requires the successful completion of at least 48 credit points of subjects in accordance with the table below.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Spring Session</b>			
<a href="#">HAS 140</a>	Health Communication	6	Spring



<b>Year 2</b>			
<b>Autumn Session</b>			
<a href="#">MARK213</a>	Marketing Principles	6	Autumn, Spring
<b>Spring Session</b>			
<a href="#">HAS 215</a>	Healthy Public Policy	6	Spring
<a href="#">MARK320</a>	Social Marketing	6	Spring
<b>Year 3</b>			
<b>Autumn Session</b>			
<a href="#">HAS 346</a>	Social Advocacy	6	Autumn First Offered 2020
<a href="#">HAS 390</a>	Community Engagement and Development for Social Change	6	First Offered in 2020
<b>Spring Session</b>			
<a href="#">HAS 348</a>	Social Innovation and People Centred Design	6	Spring
<a href="#">HAS 351</a>	Health Promotion Competencies	6	Spring

For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Other Information

For further information please email: [ssc@uow.edu.au](mailto:ssc@uow.edu.au)

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# 2019 Undergraduate Courses

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## Human Geography | 2019

### Overview

This major is for students in the Bachelor of Social Science and assumes separate completion of human geography subjects that are part of the core requirements for that degree.

Human Geography is a social science that focuses on space, place and people. Human Geography examines the interaction of human societies with the biophysical environment. It analyses a diversity of cultural, economic, political and social processes across different geographical scales. The course explores 6 key themes:

- life in a globalising world;
- the material world;
- environmental knowledge and management;
- rural and regional places;
- urban worlds; and
- thinking spatially.

Geography is crucial to understanding a number of key contemporary concerns including: sustainability, climate change, population movements and social inequalities. Fieldwork is used to explore these themes through the use of case studies; it gives students the opportunity to consider issues of social justice and ethics, and develop transferable work skills. Job opportunities include various research officer positions within corporate, non-governmental agencies and municipal, State and Commonwealth Departments and agencies.

## Subjects Required for Major Study

A major in Human Geography requires the successful completion of at least 48 credit points of subjects in accordance with the table and recommended progression below. Note: a maximum of one subject may be cross counted with the core requirements of the Bachelor of Social Science.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 2</b>			
<a href="#">GEOG231</a>	Maps and Apps for Social Scientists	6	Spring
<i>Plus ONE of the following two subjects:</i>			
<a href="#">EESC103</a>	Earth's Dynamic Surface	6	Autumn
<a href="#">GEOG241</a>	Urban Geographies: Just and Sustainable Cities?	6	Autumn
<i>And at least 12 credit points from the following:</i>			
<a href="#">GEOG222</a>	Society and Environment: Resources, Challenges, Futures	6	Spring
<a href="#">GEOG224</a>	The Future of Food: Resilience, Communities and Policy	6	Spring
<a href="#">GEOG251</a>	Disaster Geographies: Risk, Policy, Management	6	Autumn
<b>Year 3</b>			
<b>Autumn Session</b>			
<a href="#">GEOG336</a>	Qualitative Research Design for Social Scientists	6	Autumn
<a href="#">GEOG338</a>	Planning Urban Futures	6	Autumn
<b>Spring Session</b>			
<a href="#">GEOG337</a>	Policy for Environmental and Heritage Management	6	Spring
<a href="#">GEOG353</a>	Qualitative GIS	6	Spring

The following subjects are recommended for students who have elective space in their program.

## Recommended Electives

Subject Code	Subject Name	Credit Points	Session(s)
<b>100 Level</b>			
<a href="#">EESC101</a>	Planet Earth	6	Autumn
<a href="#">GEOG123</a>	Indigenous Geographies: Questioning Country	6	Spring
<a href="#">SCIE103</a>	Climate Change	6	Spring
<b>200 Level</b>			
<a href="#">EESC203</a>	Biogeography and Environmental Change	6	Autumn
<a href="#">STS 216</a>	Environmental Sustainability, Risk and Governance	6	Spring
<b>300 Level</b>			
<a href="#">GEOG339</a>	Geographies of Change: International Fieldwork Intensive	6	Spring
<a href="#">INDS302</a>	Indigenous Thinkers: Global Perspectives	6	Spring
<a href="#">SOC 347</a>	Sociology of Health, Illness and Medicine	6	Autumn

For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Other Information

For further information please email: [ssc@uow.edu.au](mailto:ssc@uow.edu.au)

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# 2019 Undergraduate Courses

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Public Health | 2019

### Overview

Public Health is a stream of social science that aims to improve health and build a quality of life that goes beyond freedom from deprivation and disease. Public health professionals apply knowledge and skill based on the systematic and scientific analysis of populations and their environments to identify problems and formulate solutions.

### Subjects Required for Major Study

A major in Public Health requires the successful completion of 48 credit points of subjects in accordance with the table and recommended progression below.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 2</b>			
<b>Autumn Session</b>			
<a href="#">HAS 231</a>	Promoting the Public's Health	6	Autumn
<i>And one of the following:</i>			
<a href="#">HAS 230</a>	Contemporary Public Health	6	Autumn

	Issues		
<a href="#">HAS 125</a>	Public Health Achievements and Challenges	6	Autumn
<b>Spring Session</b>			
<a href="#">GEOG231</a>	Maps and Apps for Social Scientists *	6	Spring
<a href="#">HAS 251</a>	Introduction to Epidemiology	6	Spring
<a href="#">HAS 234</a>	Research Methods in the Social Sciences	6	Spring
<b>Year 3</b>			
<b>Spring Session</b>			
<a href="#">HAS 346</a>	Social Advocacy	6	Spring
<a href="#">HAS 347</a>	Social Sciences Project	6	Spring
<a href="#">HAS 350</a>	Social Determinants of Indigenous Health	6	Spring

\* Students at Shoalhaven campus will need to substitute [GEOG231](#) with a suitable 200 level subject, such as [CRLP200](#) or [SOC 234](#) . See your academic advisor for further information.

For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Other Information

For further information please email: [ssc@uow.edu.au](mailto:ssc@uow.edu.au)



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# 2019 Undergraduate Courses

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Social Policy | 2019

### Overview

Social policy is the study of the welfare state and welfare theory. It is concerned with actions by government, civil society, the private sector, families and communities to tackle social problems and work towards a more just and equal society. Drawing on other social sciences, including Sociology, Economics and Political Science, this major explores how social policies are developed, influenced, implemented, and evaluated. Students are introduced to the fundamental theories and concepts necessary for analysing social policies and focus on substantive areas of policy including housing, health, education, welfare and the personal social services, in Australia and internationally.

### Subjects Required for Major Study

A major in Social Policy requires the successful completion of at least 48 credit points of subjects in accordance with the table below.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 2</b>			
<b>Autumn Session</b>			
<a href="#">SOWK237</a>	Social Work and the Law	6	Autumn

<b>Spring Session</b>			
HAS 234	Research Methods in the Social Sciences	6	Spring
SOWK234	Welfare State and Human Services	6	Spring
<i>And one of the following:</i>			
POL 150	Government, Power and Political Systems	6	Autumn
ECON102	Economics and Society	6	Autumn, Spring
<b>Year 3</b>			
<b>Autumn Session</b>			
HAS 356	Comparative Social Policy	6	Autumn
<b>Spring Session</b>			
HAS 347	Social Sciences Project	6	Spring
<i>And two of the following:</i>			
GEOG336	Qualitative Research Design for Social Scientists	6	Autumn
HAS 346	Social Advocacy	6	Spring
SOC 328	Social Policy, Neoliberalism and the 'Post-Welfare state'	6	Spring
SOWK340	Fields of Practice: Health, Aging and Disability	6	Spring

For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as

eligibility for credit for prior learning, is available from the [Course Finder](#).

## Other Information

For further information please email: [ssc@uow.edu.au](mailto:ssc@uow.edu.au)

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# 2019 Undergraduate Courses

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Archaeology and Ancient History Major | 2019

The Archaeology and Ancient History major at UOW offers you the opportunity to combine two distinct, but overlapping disciplines that will transform your understanding and perceptions of the past. The Archaeology and Ancient History major is a new major jointly offered by the School of Humanities and Social Inquiry and the Centre for Archaeological Science.

In 2003, UOW researchers uncovered evidence of a previously unknown Hominin species (nicknamed the "Hobbit") in a cave on the Indonesian island of Flores. This major is an opportunity to become part of UOW's internationally-recognised research in archaeology and the complex story of human evolution.

Archaeology and Ancient History at UOW will enable you to gain valuable skills and study topics about which both you and our staff are passionate. Graduates from the Archaeology and Ancient History major may gain employment in heritage management, museums, in archaeological research and as teachers.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [UOW Course Finder](#).

## Major Learning Outcomes

On successful completion of this major students will be able to:

CLO	Description
1	Demonstrate a broad and coherent knowledge and understanding of the underlying concepts, theories and methods by which primary data are obtained, analysed and interpreted in Ancient History and Archaeology
2	Critically evaluate the ancient history and archaeology of a number of different geographical regions and chronological phases
3	Explain research principles and methods relevant to business contexts.
4	Discuss contemporary debates concerning the study and understanding of the past, including indigenous perspectives and ethical issues relevant to preservation.
5	Locate, synthesise and evaluate data, information, results and literature pertaining to Ancient History and Archaeology, using appropriate methods, measurements, tools and technologies
6	Apply suitable scientific field and laboratory methods and theoretical concepts to questions and problems in the study of Ancient History and Archaeology
7	Communicate perspectives and knowledge of Ancient History and Archaeology to a diverse audience using a range of technologies.

The Archaeology and Ancient History major provides a coherent course of study, allowing students to develop specific skills. Each subject in the major is intended to provide an understanding of a topic, area or theme, which can be developed in subsequent years of study.

## Subjects Required For Major Study

Students studying the Archaeology and Ancient History major will complete at least 48 credit points as outlined below:

Subject Code	Subject Name	Credit Points
<b>Year 1</b>		
<a href="#">ARCH102</a>	Big Questions in Archaeology	6
<a href="#">HIST112</a>	Lost Worlds: The 'Big History' of Ancient History	6
<b>Year 2</b>		

<a href="#">ARCH202</a>	World Archaeology	6
<b>Plus a minimum of ONE of the following:</b>		
<a href="#">HIST262</a>	Ancient History: Rome	6
<a href="#">HIST259</a>	Ancient History: Greece	6
<b>Year 3</b>		
<a href="#">ARCH301</a>	Archaeology in Action: Understanding the Archaeological record	6
<a href="#">ARCH302</a>	Digging Down Under: Archaeology of Australasia	6
<a href="#">HIST386</a>	Ancient Texts (Capstone)	6
<b>Plus a minimum of ONE of the following:</b>		
<a href="#">ARCH300</a>	Directed Studies in Archaeology	6
<a href="#">ARCH303</a>	Dung, death and decay: modern methods in Archaeology	6
<a href="#">GEOG337</a>	Policy for Environmental and Heritage Management	6
<b>Further recommended electives</b>		
<p>These subjects do not count towards the 48 credit points required for the major but may of interest to students in this major as electives in their degree.</p>		
<a href="#">INDS130</a>	Indigenous Knowledge in Global Contexts	6
<a href="#">INDS150</a>	Introduction to Indigenous Australia	6
<a href="#">CAVA123</a>	Australian Aboriginal Arts	6
<a href="#">GEOG123</a>	Indigenous Geographies: Questioning Country	6
<a href="#">EESC203</a>	Biogeography and Environmental Change	6
<a href="#">HIST200</a>	Oceans of History: Exploring the Pacific	6
<a href="#">HIST281</a>	Hands-On History	6

<a href="#">INDS205</a>	Indigenous Peoples and the Environment	6
<a href="#">INDS208</a>	Working with Indigenous Communities	6
<a href="#">ARCH300</a>	Directed Studies in Archaeology	6
<a href="#">GEOG337</a>	Policy for Environmental and Heritage Management	6

Click on subject codes in the above table for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Minor Study

Students completing the Archaeology and Ancient History Major may be interested in the following 24 credit point minors:

- [Ancient History](#)
- [Archaeology](#)
- [Modern History](#)

Note that only one subject may be cross counted across your degree. If you are interested in any of the above minors, you should plan your study to ensure you choose different subject options to your major core above.

## Honours

See [Bachelor of Arts \(Honours\)](#).

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

The [Faculty of Law, Humanities and the Arts internship program](#) provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Students are also encouraged to consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.



# Other Information

For further information email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 18 June, 2020

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# 2019 Undergraduate Courses

Home

□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Chinese (Mandarin) for Character Background Students Major | 2019

Mandarin is the first language of more than one billion people and is the most spoken language in the world. China has a 5,000-year history and culture and boasts the fastest-growing economy worldwide. Cultural and economic exchange between China and its neighbours is continually increasing and Chinese language skills are now in great demand. This UOW degree is for students who already know Chinese characters, but who either speak a Chinese dialect such as Shanghainese, Cantonese or Taiwanese and do not speak Mandarin, or wish to improve their Mandarin skills.

At UOW, you will study Mandarin language, grammar, culture and history. You will learn Mandarin from the comparative linguistic perspective and be able to express yourself clearly and accurately in spoken and written Mandarin in a wide range of situations including social and the global business market. You will learn to recognise and respond personally to differences between Chinese culture and your own cultural heritage by analysing film, poetry and other cultural products.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Major Learning Outcomes

On successful completion of the Chinese (Mandarin) for Character

Background Students major students will be able to:

CLO	Description
1	Demonstrate an in-depth understanding of Mandarin language and grammar from the comparative linguistic perspective;
2	Effectively communicate in a wide range of genres in Mandarin, including academic essay writing at undergraduate level
3	Comprehend Classical Chinese texts with the assistance of annotations
4	Critically analyse and evaluate Chinese heritage, modern Chinese history and contemporary China
5	Effectively translate texts from English into Chinese.

## Subjects Required for Major Study

Students studying the Chinese (Mandarin) for Character Background Students major will complete at least 54 credit points as outlined below:

Subject Code	Subject Name	Credit Points
<b>Core</b>		
<a href="#">MAND161</a>	Chinese (Mandarin) for Character Background Students (CBS) 1	6
<a href="#">MAND162</a>	Chinese (Mandarin) for Character Background Students (CBS) 2	6
<a href="#">MAND271</a>	Intermediate Chinese 1 for Character Background Students (CBS)	6
<a href="#">MAND272</a>	Intermediate Chinese 2 for Character Background Students (CBS)	6
<a href="#">MAND371</a>	Advanced Chinese 1 for Character Background Students (CBS)	6
<a href="#">MAND372</a>	Advanced Chinese 2 for Character Background Students (CBS)	6
<a href="#">LANG370</a>	The Language Advantage (Capstone)	6
<b>Plus a minimum of ONE from the following:</b>		

<a href="#">ELL 110</a>	Language as a Cultural Tool	6
<a href="#">ELL 230</a>	Communication Across Cultures	6
<a href="#">HIST293</a>	China since 1949	6
<b>Plus a minimum of ONE from the following, or a 300 level subject with appropriate content as approved by the Discipline Leader:</b>		
<a href="#">LANG364</a>	Advanced Studies in Language/Culture 1	6
<a href="#">LANG365</a>	Advanced Studies in Language/Culture 2	6

Click on subject codes in the above table for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Minor Study

A 24 credit point minor study in Chinese (Mandarin) for Character Background Students is available. Information is available on the [2019 LHA General Schedule of Minors page](#).

Students cannot complete both a major and a minor in Chinese (Mandarin).

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

The [Faculty of Law, Humanities and the Arts internship program](#) provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Students are also encouraged to consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Diploma in Languages

Students may prefer to study a language as a Diploma in Languages, rather than as a major. This can be done as a standalone degree, or concurrently alongside another degree. Information is available on the [Diploma in Languages](#) Course Handbook page.

## Honours

See [Bachelor of Arts \(Honours\)](#).

## Other Information

For further information email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

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# 2019 Undergraduate Courses

Home

□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Chinese (Mandarin) for Non-Chinese Background Students Major | 2019

Mandarin is the first language of more than one billion people and is the most spoken language in the world. China has a 5,000-year history and culture and boasts the fastest-growing economy worldwide. Cultural and economic exchange between China and its neighbours is continually increasing and Chinese language skills are now in great demand. The Chinese (Mandarin) for Non-Chinese Background Students major is for students who have no prior knowledge of the language, or of Chinese characters.

At UOW, you will study Mandarin language, grammar, culture and history. You will learn Mandarin from the comparative linguistic perspective and be able to express yourself clearly and accurately in spoken and written Mandarin in a wide range of situations including social and the global business market. You will learn to recognise and respond personally to differences between Chinese culture and your own cultural heritage by analysing film, poetry and other cultural products.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [UOW Course Finder](#).

## Major Learning Outcomes

On successful completion of this major, students will be able to:

CLO	Description
1	Demonstrate a broad and coherent understanding of the Mandarin language and grammar
2	Comprehend spoken and written Chinese equivalent to Level 3 in the Chinese Language Proficiency Scales for Speakers of Other Languages (CLPS) and B1 level in the Common European Framework of Reference for Languages (CEFR)
3	Communicate in both spoken and written Chinese equivalent to Level 3 in the CLPS and B1 level in the CEFR;
4	Critically analyse and evaluate historical events and socio-cultural forces that have shaped modern China, its people and language

## Subjects Required for Major Study

### BEGINNERS ENTRY

The Beginners stream assumes no prior knowledge of the language and consists of at least 54 credit points as outlined in the table below.

Students who have some beginner's knowledge of Chinese (Mandarin) may be eligible for a waiver of MAND151. To make this request, students can contact the [Language and Linguistics Discipline Leader](#).

Students approved for a waiver of MAND151 will complete an alternative subject chosen from the table below, to complete at least 54 credit points.

### INTERMEDIATE ENTRY

Students who took Chinese (Mandarin) Continuers or Extension at the HSC level may be eligible for a waiver of MAND151 and MAND152, meaning they will start the major at 200 level and complete at least 48 credit points as outlined in the table below.

To make this request, students can contact the [Language and Linguistics Discipline Leader](#).

Subject Code	Subject Name	Credit Points
<b>Core</b>		
MAND151	Chinese (Mandarin) for Beginners 1	6
MAND152	Chinese (Mandarin) for Beginners 2	6

<a href="#">MAND231</a>	Intermediate Chinese 1 for Non-Chinese Background Students (NCB)	6
<a href="#">MAND232</a>	Intermediate Chinese 2 for Non-Chinese Background Students (NCB)	6
<a href="#">MAND331</a>	Advanced Chinese 1 for Non-Chinese Background Students (NCB)	6
<a href="#">MAND332</a>	Advanced Chinese 2 for Non-Chinese Background Students (NCB)	6
<a href="#">LANG370</a>	The Language Advantage (Capstone)	6
<b>Plus a minimum of ONE from the following:</b>		
<a href="#">MAND217</a>	In Country Language Study	6
<a href="#">MAND271</a>	Intermediate Chinese 1 for Character Background Students (CBS)	6
<a href="#">MAND272</a>	Intermediate Chinese 2 for Character Background Students (CBS)	6
<a href="#">ELL 230</a>	Communication Across Cultures	6
<a href="#">HIST293</a>	China since 1949	6
<b>Plus a minimum of ONE from the following or; an alternative 300-level subject with appropriate content as approved by Language and Linguistics Discipline Leader.</b>		
<a href="#">LANG380</a>	Language Study Abroad 2	6
<a href="#">LANG390</a>	Language Study Abroad 3	6
<a href="#">LANG364</a>	Advanced Studies in Language/Culture 1	6
<a href="#">LANG365</a>	Advanced Studies in Language/Culture 2	6
<a href="#">MAND371</a>	Advanced Chinese 1 for Character Background Students (CBS)	6
<a href="#">MAND372</a>	Advanced Chinese 2 for Character Background Students (CBS)	6



Click on subject codes in the above table for information on sessions of offer for each subject. To find out specific information on timetables, tutorials and classes, visit the [Timetable page](#).

## Minor Study

A 24 credit point minor in Chinese (Mandarin) for Non-Chinese Background Students is available. Information is available on the [2019 LHA General Schedule of Minors](#) page.

Students cannot complete both a major and a minor in Chinese (Mandarin).

## Work Integrated Learning

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## Diploma in Languages

Students may prefer to study a language as a Diploma in Languages, rather than as a major. This can be done as a standalone degree, or concurrently alongside another degree. Information is available on the [Diploma in Languages](#) page.

## Honours

See [Bachelor of Arts \(Honours\)](#).

## Other Information

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# 2019 Undergraduate Courses

Home

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## English Literatures Major | 2019

Studying English Literatures will get you thinking creatively about the English language. You will analyse theories, critique prose and verse, and take a more critical look at the signs and words surrounding us every day. It provides a platform for you to develop the skills that future employers are looking for including analytical thinking, exceptional written and oral communication skills, and the capacity to appreciate differences in cultural perspectives.

At UOW, English Literature is studied with regard to style, theme and form, and also in relation to questions of race, gender, sexuality, class and nation. This major introduces you to a broad range of texts, novels, poetry, essays, short stories, film, diaries and letters from medieval times to the modern, with a strong international focus.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [UOW Course Finder](#).

## Major Learning Outcomes

On successful completion of this major students will be able to:

CLO	Description
1	Acquire knowledge of literary texts from a range of periods and places

	and an understanding of the importance of social, cultural, historical and geographical contexts
2	Understand and deploy changing theories, methods and concepts in literary studies
3	Read, understand and interpret complex literary texts
4	Locate, assess and use appropriate scholarly resources
5	Construct coherent arguments and communicate them effectively in oral and written form
6	Apply relevant skills and knowledge to recognise and reflect on the significance of literary texts in imagining and interpreting the social world

## Subjects Required for Major Study

Students studying the English Literatures major will complete at least 48 credit points as outlined below:

Subject Code	Subject Name	Credit Points
<b>Year 1 Core</b>		
<a href="#">ENGL120</a>	Understanding Literature and Film	6
<b>Year 2 Core - A minimum of TWO of the following:</b>		
<a href="#">ENGL271</a>	The Romantics	6
<a href="#">ENGL274</a>	Victorians	6
<a href="#">ENGL276</a>	Dreams and Visions in Literature and Film	6
<b>Year 3 Core</b>		
<a href="#">ENGL383</a>	Contemporary Fiction and Film (Capstone)	6
<b>Elective List</b>		
<b>Choose a minimum of FOUR from the following. At least THREE must be at 300 level.</b>		
<a href="#">ENGL131</a>	Australian Fiction and Film	6
<a href="#">CACW104</a>	Text and Context	6

<a href="#">ENGL272</a>	Introduction to Poetry	6
<a href="#">ENGL273</a>	Text and Transformation	6
<a href="#">ENGL275</a>	US Literature	6
<a href="#">ENGL277</a>	Global Contexts	6
<a href="#">ENGL278</a>	Scrolls Books and Blogs: The History of Books and Readers	6
<a href="#">ENGL279</a>	Exploring Popular Literature	6
<a href="#">CACW231</a>	Writing, Representation and Power	6
<a href="#">CACW232</a>	Writing and Critical Theory	6
<a href="#">ENGL300</a>	Shakespeare and Renaissance Literature	6
<a href="#">ENGL384</a>	Debt, Money and the Market in Literature and Film	6
<a href="#">ENGL361</a>	The Modernists	6
<a href="#">ENGL378</a>	Special Topic in English Literature	6
<a href="#">ENGL379</a>	Desiring Bodies: Gender & Sexuality in Literature & Film	6
<a href="#">ENGL385</a>	*Literature and Critical Thought	6
<a href="#">ENGL381</a>	Animals and Ecology in Literature and Film	6
<a href="#">LANG335</a>	Literature and Society in Renaissance Europe	6

Click on subject codes in the above table for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

\*Students interested in Honours are strongly encouraged to complete [ENGL385](#) Literature and Critical Thought

## Minor Study

A 24 credit point minor in English Literatures is available. Information can be found on the [2019 LHA General Schedule of Minors](#) page.

Students cannot complete both a major and minor in English Literatures.

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

The [Faculty of Law, Humanities and the Arts internship program](#) provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Students are also encouraged to consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Honours

See [Bachelor of Arts \(Honours\)](#).

Students interested in Honours are strongly encouraged to complete [ENGL385](#) Literature and Critical Thought

## Other Information

For further information email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 9 July, 2020

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# 2019 Undergraduate Courses

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## Environmental Humanities | 2019

A major in Environmental Humanities will equip you with the tools to analyse, critique and engage with contemporary debates about the environment. You will acquire a deep and critical understanding of the social contexts through which we experience environmental issues and problems such as climate change, species loss, adaptation, exploitation and natural disasters. You will gain a clear understanding of the role of cultural forces (histories, narratives, cultural values and ethics) that influence and shape relationships to the environment.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Major Learning Outcomes

On completion of this major students will be able to:

CLO	Description
1	Analyse diverse theoretical approaches to humans' relationship with the environment
2	Evaluate the influence of key humanities theorists on contemporary environmental debates and policies
3	Apply a multidisciplinary approach to analysing pressing environmental issues



# Subjects Required For Major Study

Students studying the Environmental Humanities major will complete at least 48 credit points as outlined below:

Subject Code	Subject Name	Credit Points
<b>Year 1 Core</b>		
STC 100	Society, Culture and Technology	6
<b>Year 2 Core - a minimum of TWO from the following:</b>		
INDS205	Indigenous Peoples and the Environment	6
PHIL256	Environmental Philosophy: Animals, Nature and Ethics	6
STS 216	Environmental Sustainability, Risk and Governance	6
<b>Year 3 Core</b>		
STS 302	Climate Change Policy, Possible Futures (Capstone)	6
<b>Elective List</b>		
<b>A minimum of FOUR from the following. At least THREE of these MUST be 300-level:</b>		
CMP 100	Ocean Conservation and Development	6
HIST292	Power and Protest in Australia	6
SOC 208	Cities, Communities and Families	6
SOC 226	New Social Movements	6
SOC 235	Living with Animals	6
GEOG222	Society and Environment: Resources, Challenges, Futures	6
GEOG224	The Future of Food: Resilience, Communities and Policy	6

<a href="#">SOC 251</a>	Genetics, Biotechnology and Society	6
<a href="#">STS 286</a>	Risk, Media and Communication	6
<a href="#">PHIL326</a>	Bioethics	6
<a href="#">ENGL381</a>	Animals and Ecology in Literature and Film	6
<a href="#">GEOG337</a>	Environmental and Heritage Management	6
<a href="#">CAVA332</a>	Art, Nature and the Environment	6
<a href="#">INTS311</a>	Human Security, Global Capitalism and the Environment	6

Click on subject codes in the above table for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Minor Study

A 24 credit point minor in Environmental Humanities is available. Information can be found on the [2019 LHA General Schedule of Minors](#) page.

Students cannot complete both a major and a minor in Environmental Humanities.

## Honours

See [Bachelor of Arts \(Honours\)](#).

## Work Integrated Learning

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## Other Information

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# 2019 Undergraduate Courses

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## French Major | 2019

French is one of the two working languages of the United Nations and many other organisations actively engaged in international politics and welfare (such as the Red Cross, the Olympic Games, the EU). As the language of a former colonial power and a language spoken on all five continents, it continues to play an important part in the arts, politics and daily lives of millions of people throughout the world.

At UOW, you will study French language, grammar, culture and history. You can begin your study of the French language from scratch or from the intermediate level and become proficient in all four skills of speaking, listening, reading and writing. France has a history and fascinating culture. You will discover the events and socio-cultural forces that have shaped modern France, its people and language.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [UOW Course Finder](#).

## Major Learning Outcomes

On successful completion of this major students will be able to:

CLO	Description
1	Demonstrate a broad understanding of the French language and

	grammar
2	Communicate in both spoken and written French at B2 Level in the Common European Framework of Reference for Languages (CEFR)
3	Comprehend spoken and written French at B2 level in the CEFR
4	Critically analyse and evaluate historical events and socio-cultural forces that have shaped modern France, its people and language

## Subjects Required for Major Study

### **BEGINNER ENTRY**

The Beginners stream assumes no prior knowledge of the language and consists of at least 54 credit points as outlined in the table below.

Students who have some beginner's knowledge of French may be eligible for a waiver of FREN151. To make this request, students can contact the [Language and Linguistics Discipline Leader](#).

Students approved for a waiver of [FREN151](#) will complete an alternative subject chosen from the table below, to complete at least 54 credit points.

### **INTERMEDIATE ENTRY - (STRONG 2 UNIT HSC PASS OR EQUIVALENT)**

Students who have achieved a strong 2 Unit HSC pass or equivalent are normally eligible for a waiver of [FREN151](#) and [FREN152](#), meaning they will start the major at 200 level.

These students complete a 48 credit point major comprising 18 credit points at 200 level and 30 credit points at 300 level, as outlined in the table below.

To commence at intermediate entry level, students can contact the [Language and Linguistics Discipline Leader](#).

### **NATIVE OR NEAR-NATIVE SPEAKER ENTRY**

Native or near-native speakers, may be eligible for waivers of [FREN151](#), [FREN152](#), [FREN241](#), and [FREN242](#).

These students will complete a 48 credit point major, and choose replacement subjects to make up the 48 credit points for the major are to be chosen from the additional French electives listed below.

Native speakers should contact the [Language and Linguistics Discipline Leader](#) before enrolling.

Subject Code	Subject Name	Credit Points

<b>Core</b>		
<a href="#">FREN151</a>	French for Beginners 1	6
<a href="#">FREN152</a>	French for Beginners 2	6
<a href="#">FREN230</a>	The Making of France and the French Nation	6
<a href="#">FREN241</a>	Intermediate French 1	6
<a href="#">FREN242</a>	Intermediate French 2	6
<a href="#">FREN341</a>	Advanced French 1	6
<a href="#">FREN342</a>	Advanced French 2	6
<a href="#">LANG370</a>	The Language Advantage	6
<p><b>Plus a minimum of ONE from the following:</b></p> <p>Note - Intermediate and Native Speaker Entry students commencing study at 200 level must take both subjects.</p>		
<a href="#">FREN330</a>	France in the Twenty-first century	6
<a href="#">LANG335</a>	Literature and Society in Renaissance Europe	6
<p><b>French Elective Subjects</b></p> <p>Students who have received a waiver for any of the above subjects can make up the required total credit points from the below list.</p> <p>Beginner level students may also wish to broaden and deepen their knowledge of French with these additional subjects.</p> <p>Students who are interested more generally in how language and communication work may wish to take <a href="#">ELL 110</a> (Language in Social Life) or <a href="#">ELL 230</a> (Communication across cultures).</p> <p>Note that entry into Study Abroad and Exchange subjects requires formal approval.</p>		
<a href="#">FREN217</a>	In country Language Study	6
<a href="#">LANG380</a>	Language Study Abroad 2	6
<a href="#">LANG390</a>	Language Study Abroad 3	6

<a href="#">ELL 110</a>	Language as a Cultural Tool	6
<a href="#">ELL 230</a>	Communication Across Cultures	6
<a href="#">LANG364</a>	Advanced Studies in Language/Culture 1	6
<a href="#">LANG365</a>	Advanced Studies in Language/Culture 2	6

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Minor Study

A 24 credit point minor in French is available. Information is available on the [2019 LHA General Schedule of Minors](#) page.

Note that students cannot take both a major and a minor in French.

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

The [Faculty of Law, Humanities and the Arts internship program](#) provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Students are also encouraged to consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Diploma in Languages

Students may prefer to study a language as a Diploma in Languages, rather than as a major. This can be done as a standalone degree, or concurrently alongside another degree. Information is available on the [Diploma in Languages](#) page.

# Honours

See [Bachelor of Arts \(Honours\)](#).

# Other Information

For further information email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 8 July, 2020

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Italian Major | 2019

Learning Italian will give you access to one of the richest European cultural traditions and to the language of opera, film and music, as well as the language of architecture, fashion and industrial design. Speaking Italian is advantageous if you are interested in international law, economics, commerce and trade. In addition, because of the large number of Italian speakers in Australia, Italian is also relevant to areas such as migrant studies and sociology.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [UOW Course Finder](#).

## Major Learning Outcomes

On successful completion of this major students will be able to:

CLO	Description
1	Demonstrate a broad understanding of the Italian language and grammar
2	Communicate in both spoken and written Italian at B2 Level in the Common European Framework of Reference for Languages (CEFR)
3	Comprehend spoken and written Italian at B2 level in the CEFR

4	Critically analyse and evaluate historical events and socio-cultural forces that have shaped modern Italy, its people and language
---	--

## Subjects Required for Major Study

### BEGINNERS ENTRY

The Beginners stream assumes no prior knowledge of the language and consists of at least 54 credit points as outlined in the table below.

Students who have some beginner's knowledge of Italian may be eligible for a waiver of ITAL151. To make this request, students can contact the [Language and Linguistics Discipline Leader](#).

Students approved for a waiver of [ITAL151](#) will complete an alternative subject chosen from the table below, to complete at least 54 credit points.

### INTERMEDIATE ENTRY - (STRONG 2 UNIT HSC PASS OR EQUIVALENT STUDENTS)

Students who have achieved a strong 2 Unit HSC pass or equivalent are normally eligible for a waiver of [ITAL151](#) and [ITAL152](#), meaning they will start the major at 200 level.

These students complete a 48 credit point major comprising 18 credit points at 200 level and 30 credit points at 300 level, as outlined in the table below.

To commence at intermediate entry level, students can contact the [Language and Linguistics Discipline Leader](#).

### NATIVE OR NEAR-NATIVE SPEAKER ENTRY

Native or near-native speakers, may be eligible for waivers of [ITAL151](#), [ITAL152](#), [ITAL241](#), and [ITAL242](#).

These students will complete a 48 credit point major, and choose replacement subjects to make up the 48 credit points for the major are to be chosen from the additional electives listed below.

Native speakers should contact the [Language and Linguistics Discipline Leader](#) before enrolling.

Subject Code	Subject Name	Credit Points
<b>Core</b>		
<a href="#">ITAL151</a>	Italian for Beginners 1	6
<a href="#">ITAL152</a>	Italian for Beginners 2	6

<a href="#">ITAL230</a>	Italy: Past and Present	6
<a href="#">ITAL241</a>	Intermediate Italian 1	6
<a href="#">ITAL242</a>	Intermediate Italian 2	6
<a href="#">ITAL341</a>	Advanced Italian 1	6
<a href="#">ITAL342</a>	Advanced Italian 2	6
<a href="#">LANG370</a>	The Language Advantage (Capstone)	6
<p><b>Plus a minimum of ONE from the following:</b></p> <p>Note - Intermediate and Native Speaker Entry students commencing study at 200 level must take both subjects.</p>		
<a href="#">ITAL330</a>	Advanced Studies in Italian	6
<a href="#">LANG335</a>	Literature and Society in Renaissance Europe	6
<p><b>Italian Elective Subjects</b></p> <p>Students who have received a waiver for any of the above subjects can make up the required total credit points from the below list.</p> <p>Beginner level students may also wish to broaden and deepen their knowledge of Italian with these additional subjects.</p> <p>Students who are interested more generally in how language and communication work may wish to take <a href="#">ELL 110</a> (Language in Social Life) or <a href="#">ELL 230</a> (Communication across cultures).</p> <p>Note that entry into Study Abroad and Exchange subjects requires formal approval.</p>		
<a href="#">ELL 110</a>	Language as a Cultural Tool	6
<a href="#">ELL 230</a>	Communication Across Cultures	6
<a href="#">ITAL217</a>	In country language study	6
<a href="#">LANG364</a>	Advanced Studies in Language/Culture 1	6
<a href="#">LANG365</a>	Advanced Studies in Language/Culture 2	6

<a href="#">LANG380</a>	Language Study Abroad 2	6
<a href="#">LANG390</a>	Language Study Abroad 3	6

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Minor Study

A 24 credit point minor in Italian is available. Information is available on the [2019 LHA General Schedule of Minors](#) page.

Students cannot complete both a major and a minor in Italian.

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

The [Faculty of Law, Humanities and the Arts internship program](#) provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Students are also encouraged to consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Diploma in Languages

Students may prefer to study a language as a Diploma in Languages, rather than as a major. This can be done as a standalone degree, or concurrently alongside another degree. Information is available on the [Diploma in Languages](#) page.

## Honours

See [Bachelor of Arts \(Honours\)](#).

## Other Information

For further information email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Japanese Major | 2019

Japan offers a rich culture of history, literature and arts, with its long history and a culture which features both traditional and ultra-modern elements. Japan also plays an important role on the Asia-Pacific political and economic stage, and is one of Australia's major trading partners. The study of Japanese opens up a whole new world of linguistic and cultural experience that offers employment and research opportunities. It also provides access to the exciting culture of Japanese anime, manga and film.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [UOW Course Finder](#)

## Major Learning Outcomes

On successful completion of this major students will be able to:

CLO	Description
1	Demonstrate a broad and coherent understanding of the Japanese language and grammar
2	Comprehend spoken and written Japanese to at least B1 Level in the Japan Foundation's (JF) Japanese Language Educational Standard
3	Communicate in both spoken and written Japanese to at least B1 Level in the JF's Japanese Language Educational Standard

4	Critically analyse and evaluate historical events and socio-cultural forces that have shaped modern Japan, its people and language.
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## Subjects Required for Major Study

The Japanese program does not offer language subjects suitable for native Japanese language speakers.

### BEGINNERS ENTRY

The Beginner stream assumes no prior knowledge of the language, or Japanese Beginners NSW HSC level or equivalent study. For students commencing studies at the Beginner level, the major in Japanese consists of at least 54 credit points as outlined in the table below.

### INTERMEDIATE ENTRY

Students who took Japanese Continuers or Extension at the HSC level may be eligible for a waiver of [JAPA141](#) and [JAPA142](#), meaning they will start the major at 200 level.

Students approved for intermediate entry will complete alternative subjects chosen from the table below, to complete at least 54 credit points.

To make this request, students can contact the [Language and Linguistics Discipline Leader](#).

### Beginners Entry Subject Schedule

Subject Code	Subject Name	Credit Points
<b>Core</b>		
<a href="#">JAPA141</a>	Beginner Japanese 1	6
<a href="#">JAPA142</a>	Beginner Japanese 2	6
<a href="#">JAPA241</a>	Intermediate Japanese 1	6
<a href="#">JAPA242</a>	Intermediate Japanese 2	6
<a href="#">JAPA220</a>	The Making of a Globalised Japan	6
<a href="#">JAPA320</a>	Advanced Readings in Japanese Literature	6
<a href="#">LANG370</a>	The Language Advantage (Capstone)	6
<b>Plus a minimum of ONE from the following:</b>		

Note - Intermediate Entry students commencing study at 200 level must take both subjects.

<a href="#">JAPA341</a>	Advanced Japanese 1	6
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<a href="#">JAPA343</a>	Advanced Japanese 3	6
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**Plus a minimum of ONE from the following:**

Note - Intermediate Entry students commencing study at 200 level must take both subjects.

<a href="#">JAPA342</a>	Advanced Japanese 2	6
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<a href="#">JAPA344</a>	Advanced Japanese 4	6
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**Japanese Elective Subjects:**

Students may wish to broaden and deepen their knowledge of Japanese with these additional subjects. These additional subjects do not count towards the credit points of the major.

Students who are interested more generally in how language and communication work may wish to take [ELL 110](#) (Language in Social Life) or [ELL 230](#) (Communication across cultures).

Note that entry into Study Abroad and Exchange subjects requires formal approval..

<a href="#">ELL 110</a>	Language as a Cultural Tool	6
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<a href="#">ELL 230</a>	Communication Across Cultures	6
-------------------------	-------------------------------	---

<a href="#">JAPA101</a>	An Introduction to Japanese	6
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<a href="#">JAPA103</a>	Japanese Studies for Business Purposes	6
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<a href="#">LANG364</a>	Advanced Studies in Language/Culture 1	6
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<a href="#">LANG365</a>	Advanced Studies in Language/Culture 2	6
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<a href="#">LANG380</a>	Language Study Abroad 2	6
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<a href="#">LANG390</a>	Language Study Abroad 3	6
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Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Minor Study

A 24 credit point minor in Japanese is available. Information is available on the [2019 LHA General Schedule of Minors](#) page.

Students cannot complete both a major and a minor in Japanese.

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

The [Faculty of Law, Humanities and the Arts internship program](#) provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Students are also encouraged to consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Diploma in Languages

Students may prefer to study a language as a Diploma in Languages, rather than as a major. This can be done as a standalone degree, or concurrently alongside another degree. Information is available on the [Diploma in Languages](#) page.

## Honours

See [Bachelor of Arts \(Honours\)](#).

## Other Information

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Spanish Major | 2019

Spanish is the world's second most spoken language after Chinese, and is the second most used language in international communication. Speaking Spanish will allow you to communicate with more than 495 million people worldwide and will also greatly increase your employment options with many of the world's leading economies demanding Spanish speakers. Hispanic culture continues to have a global impact on film, architecture, cinema, art and literature.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [UOW Course Finder](#).

## Major Learning Outcomes

On successful completion of the Spanish major students will be able to:

CLO	Description
1	Demonstrate a broad understanding of the Spanish language and grammar
2	Communicate in both spoken and written Spanish at B2 Level in the Common European Framework of Reference for Languages (CEFR)
3	Comprehend spoken and written Spanish at B2 level in the CEFR

4	Critically analyse and evaluate historical events and socio-cultural forces that have shaped the Hispanic world, its people and the Spanish language
---	--

## Subjects Required for Major Study

### BEGINNERS ENTRY

The Beginners stream assumes no prior knowledge of the language and consists of at least 54 credit points as outlined in the table below.

Students who have beginner's knowledge of Spanish may be eligible for a waiver of SPAN151. To make this request, students can contact the [Language and Linguistics Discipline Leader](#).

Students approved for a waiver of [SPAN151](#) will complete an alternative subject chosen from the table below, to complete at least 54 credit points.

### INTERMEDIATE ENTRY: (STRONG 2 UNIT HSC PASS OR EQUIVALENT)

Students who have achieved a strong 2 Unit HSC pass or equivalent are normally eligible for a waiver of [SPAN151](#) and [SPAN152](#), meaning they will start the major at 200 level.

These students complete a 48 credit point major comprising 18 credit points at 200 level and 30 credit points at 300 level, as outlined in the table below.

To commence at intermediate entry level, students can contact the [Language and Linguistics Discipline Leader](#).

### NATIVE OR NEAR-NATIVE SPEAKER ENTRY

Native or near-native speakers, may be eligible for waivers of [SPAN151](#), [SPAN152](#), [SPAN241](#), and [SPAN242](#).

These students will complete a 48 credit point major, and choose replacement subjects to make up the 48 credit points for the major are to be chosen from the additional electives listed below.

Native speakers should contact the [Language and Linguistics Discipline Leader](#) before enrolling.

Subject Code	Subject Name	Credit Points
<b>Core</b>		
<a href="#">SPAN151</a>	Spanish for Beginners 1	6
<a href="#">SPAN152</a>	Spanish for Beginners 2	6

<a href="#">SPAN230</a>	The Hispanic World	6
<a href="#">SPAN241</a>	Intermediate Spanish 1	6
<a href="#">SPAN242</a>	Intermediate Spanish 2	6
<a href="#">LANG370</a>	The Language Advantage (Capstone)	6
<a href="#">SPAN341</a>	Advanced Spanish 1	6
<a href="#">SPAN342</a>	Advanced Spanish 2	6
<p><b>Plus ONE from the following:</b></p> <p>Note - Intermediate and Native Speaker Entry students commencing study at 200 level must take both subjects.</p>		
<a href="#">LANG335</a>	Literature and Society in Renaissance Europe *	6
<a href="#">SPAN330</a>	Advanced Studies in Spanish *	6
<p>*Students commencing study at 200 level must take both <a href="#">LANG335</a> and <a href="#">SPAN330</a></p>		
<p><b>Spanish Elective Subjects:</b></p> <p>Students who have received a waiver for any of the above subjects can make up the required total credit points from the below list.</p> <p>Beginner level students may also wish to broaden and deepen their knowledge of Spanish with these additional subjects.</p> <p>Students who are interested more generally in how language and communication work may wish to take <a href="#">ELL 110</a> (Language in Social Life) or <a href="#">ELL 230</a> (Communication across cultures).</p> <p>Note that entry into Study Abroad and Exchange subjects requires formal approval..</p>		
<a href="#">ELL 110</a>	Language as a Cultural Tool	6
<a href="#">ELL 230</a>	Communication Across Cultures	6
<a href="#">SPAN217</a>	In-country language study	6
<a href="#">LANG364</a>	Advanced Studies in Language/Culture 1	6

<a href="#">LANG365</a>	Advanced Studies in Language/Culture 2	6
<a href="#">LANG380</a>	Language Study Abroad 2	6
<a href="#">LANG390</a>	Language Study Abroad 3	6

Click on subject codes in the above course structure for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Minor Study

A 24 credit point minor in Spanish is available. Information is available on the [2019 LHA General Schedule of Minors](#) page.

Students cannot complete both a major and a minor in Spanish.

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

The [Faculty of Law, Humanities and the Arts internship program](#) provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Students are also encouraged to consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Diploma in Languages

Students may prefer to study a language as a Diploma in Languages, rather than as a major. This can be done as a standalone degree, or concurrently alongside another degree. Information is available on the [Diploma in Languages](#) page.

## Honours

See [Bachelor of Arts \(Honours\)](#).

# Other Information

For further information email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

Last reviewed: 9 July, 2020

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Writing and English Literatures Major | 2019

Writing and English Literatures allows you to combine your love of writing with the analytics of literature. English literatures will challenge you to think creatively about the English language and give you the knowledge and understanding to express these thoughts and ideas through your own creative writing.

A UOW degree in Writing and English Literatures focuses on the study of literature from various periods and literary practice, and the practical application of this study through creative writing. You will be exposed to a wide range of texts, which will allow you to develop analytical skills, critical understanding and the ability to create your own pieces of writing.

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [UOW Course Finder](#).

## Major Learning Outcomes

On successful completion of this major students will be able to:

CLO	Description
1	Deploy the central approaches of the disciplines of writing and English



	literatures and understand how these disciplines relate to other areas of study
2	Identify and use a range of creative writing strategies across a range of fictional and non-fictional genres
3	Understand and interpret complex literary texts, and their relations to historical contexts, and their contributions to on-going intellectual and aesthetic debates
4	Engage with critical theory and use it to inform writing practice and literary analysis

## Major Study

Students studying the Writing and English Literatures major will complete at least 60 credit points as outlined below:

Subject Code	Subject Name	Credit Points
<b>Year 1 Core</b>		
<a href="#">CACW100</a>	Introduction to Creative Writing	6
<a href="#">CACW104</a>	Text and Context	6
<b>Year 2 Core</b>		
<a href="#">ENGL271</a>	The Romantics	6
<b>Year 3 Core</b>		
<a href="#">CAC331</a>	Contemporary Theory and Research Practice	6
<a href="#">CACW301</a>	Writing Across Borders	6
<a href="#">ENGL361</a>	The Modernists	6
<a href="#">ENGL379</a>	Desiring Bodies: Gender & Sexuality in Literature & Film	6
<a href="#">ENGL383</a>	Contemporary Fiction and Film (Capstone)	6
<b>Electives</b>		
<b>A minimum of ONE from the following:</b>		

<a href="#">CACW201</a>	Poetic Studio	6
<a href="#">CACW202</a>	Dramatic Studio	6
<a href="#">CACW203</a>	Narrative Studio	6
<b>Plus a minimum of ONE from the following:</b>		
<a href="#">CACW231</a>	Writing, Representation and Power	6
<a href="#">CACW232</a>	Writing and Critical Theory	6
<a href="#">ENGL300</a>	Shakespeare and Renaissance Literature	6
<a href="#">ENGL378</a>	Special Topic in English Literature	6
<a href="#">ENGL381</a>	Animals and Ecology in Literature and Film	6
<a href="#">ENGL382</a>	Social Justice and Children's Literature	6

Click on subject codes in the above table for information on sessions of offer for each subject. To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

## Minor Study

A 24 credit point minor in English Literatures is available. Information is available on the [2019 LHA General Schedule of Minors page](#).

Note that students studying a major in Writing and English Literatures cannot also do a minor in English Literatures.

## Work Integrated Learning

Undertaking a work integrated learning experience during your university education is now a significant contributor to being competitive in securing employment in your field of choice when you graduate from UOW.

The [Faculty of Law, Humanities and the Arts internship program](#) provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Students are also encouraged to consider [CRLP200](#) 'Career Ready Learning and Practice' (6cp). [CRLP200](#) includes a quality assured workplace internship or industry project to give you that competitive edge by developing your professional skills through authentic learning in a real world context. You will

focus on your career goals and receive career direction guidance, strengthen your resume and gain skills to navigate the rapidly changing world of work, develop your communication skills and begin to build a professional network.

## Honours

See [Bachelor of Arts \(Honours\)](#).

## Other Information

For further information email: [lha-enquiries@uow.edu.au](mailto:lha-enquiries@uow.edu.au)

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# 2019 Undergraduate Courses

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Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Minor Study Areas (Faculty of Engineering and Information Sciences) | 2019

The Faculty of Engineering and Information Sciences offers the following Minors to students in any degree, where their course rules allow:

- Computer Science
- [Energy and Climate](#)
- [Engineering Innovation & Entrepreneurship](#)
- [General Physics](#)
- [Informatics](#)
- [Mathematics](#)
- [Mining Engineering](#)
- [Physics](#)
- [Sustainable Building Services](#)

### Computer Science

The minor in Computer Science requires satisfactory completion of the following 30 credit points of subjects:

Subject Code	Subject Name	Credit Points	Session(s)
<b>One of these</b>			

CSIT110	Fundamental Programming with Python	6	Autumn
CSIT111	Programming Fundamentals	6	Autumn, Spring
<b>Plus the following</b>			
CSIT113	Problem Solving	6	Autumn
CSIT115	Data Management and Security	6	Autumn, Spring
CSCI203	Algorithms and Data Structures	6	Spring
CSCI235	Database Systems	6	Autumn, Spring

## Energy and Climate

The minor in Energy and Climate requires satisfactory completion of the following 24 credit points of subjects:

Subject Code	Subject Name	Credit Points	Session(s)
PHYS154	Energy, Climate Change and Human Society	6	Autumn
<b>Plus one of the following</b>			
SCIE103	Climate Change	6	Spring
EESC102	Earth's Interconnected Spheres	6	Spring
<b>Plus two of the following</b>			
STS 216	Environmental Sociology and Politics	6	Spring
STS 302	Climate Change Policy, Possible Futures	6	Autumn
INTS311	Human Security, Global	6	Autumn

	Capitalism and the Environment		
<a href="#">ENGG378</a>	Sustainable Energy Technologies	6	Spring
Please note <a href="#">ENGG378</a> may have pre-requisites.			

## Engineering Innovation and Entrepreneurship

The minor in Engineering Innovation and Entrepreneurship requires satisfactory completion of the following 24 credit points of subjects:

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">FEIS400</a>	Lean Engineering Start Up	12	Summer 2019/2020
	Faculty of Business subject - any first year subject from the Bachelor of Commerce (eg. <a href="#">ACCY111</a> , <a href="#">COMM101</a> , <a href="#">ECON100</a> , <a href="#">MGNT102</a> , <a href="#">MGNT110</a> , <a href="#">MARK101</a> )	6	Autumn/Spring
	One subject from List A for the respective Engineering Major	6	Autumn/Spring

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## General Physics

The minor in General Physics requires satisfactory completion of the following 24 credit points of subjects:

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">PHYS154</a>	Energy, Climate Change and Human Society	6	Autumn
<a href="#">PHYS155</a>	Introduction to Biomedical	6	Spring



	Physics		
<a href="#">PHYS233</a>	Introduction to Environmental Physics	6	Autumn
<a href="#">PHYS295</a>	Astronomy - Concepts of the Universe	6	Spring

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## Informatics

The minor in Informatics requires satisfactory completion of the following 24 credit points of subjects:

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">CSIT114</a>	System Analysis	6	Autumn, Spring
<a href="#">CSIT111</a>	Programming Fundamentals	6	Autumn, Spring
Plus 12 credit points from the following:			
<a href="#">ISIT204</a>	Principles of eBusiness	6	Spring
<a href="#">ISIT224</a>	Management Information Systems	6	Spring
<a href="#">CSIT226</a>	Human Computer Interaction	6	Spring

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## Mathematics

The minor in Mathematics requires satisfactory completion of the following 24 credit points of subjects:

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">MATH201</a>	Multivariate and Vector	6	Autumn

	Calculus		
Plus 18 credit points (3 subjects) from the following lists:			
<b>200-Level Subjects</b>			
<a href="#">MATH202</a>	Differential Equations 2	6	Autumn
<a href="#">MATH203</a>	Linear Algebra	6	Spring
<a href="#">MATH204</a>	Complex Variables and Group Theory	6	Spring
<a href="#">MATH212</a>	Applied Mathematical Modelling 2	6	Spring
<a href="#">MATH222</a>	Continuous Mathematics	6	Autumn
<a href="#">STAT201</a>	Random Variables and Estimation	6	Autumn
<a href="#">STAT202</a>	Statistical Inference and Introduction to Model Building	6	Spring
<b>300-Level Subjects</b>			
<a href="#">MATH302</a>	Differential Equations 3	6	Autumn
<a href="#">MATH305</a>	Partial Differential Equations	6	Spring
<a href="#">MATH312</a>	Applied Mathematical Modelling 3	6	Not offered in this year
<a href="#">MATH313</a>	Industrial Mathematical Modelling	6	Spring
<a href="#">MATH317</a>	Financial Calculus	6	Autumn
<a href="#">MATH318</a>	Operations Research	6	Spring
<a href="#">MATH321</a>	Numerical Analysis	6	Spring
<a href="#">MATH322</a>	Algebra	6	Not offered in this year
<a href="#">MATH323</a>	Topology and Chaos	6	Not offered in

			this year
<a href="#">MATH324</a>	Calculus of Variations and Geometry	6	Spring
<a href="#">MATH325</a>	Wavelets	6	Autumn
<a href="#">MATH329</a>	Medical Mathematics and Applications	6	Autumn
<a href="#">MATH371</a>	Special Topics in Industrial and Applied Mathematics 3	6	Autumn, Spring
<a href="#">MATH372</a>	Special Topics in Mathematical Analysis 3	6	Autumn, Spring
<a href="#">STAT304</a>	Applied Probability and Financial Risk	6	Autumn
<a href="#">STAT332</a>	Linear and Generalised Linear Models	6	Spring
<a href="#">STAT333</a>	Statistical Inference	6	Spring
<a href="#">STAT335</a>	Sample Surveys and Experimental Design	6	Autumn
<a href="#">STAT373</a>	Special Topics in Probability and Statistics 3	6	Autumn
<a href="#">STAT374</a>	Special Topics in Applied Statistics 3	6	Spring
<a href="#">INFO411</a>	Data Mining and Knowledge Discovery	6	Autumn
<a href="#">INFO412</a>	Mathematics for Cryptography	6	Autumn
*Note: <a href="#">MATH201</a> pre-requisites are usually <a href="#">MATH187</a> and <a href="#">MATH188</a> .			

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## Mining Engineering

The minor in Mining Engineering requires satisfactory completion of the following 24 credit points of subjects:

Subject Code	Subject Name	Credit Points	Session(s)
MINE220	Underground Mining Methods	6	Spring
MINE211	Surface Mining Methods	6	Autumn
<b>Plus 12 credit points from the following:</b>			
MINE312	Mine Ventilation	6	Autumn
MINE322	Foundations of Mine Planning	6	Autumn
MINE323	Mining Geomechanics	6	Spring
MINE324	Mineral Processing	6	Autumn
MINE411	Health & Safety in Mines	6	Spring
MINE416	Mine Valuation	6	Autumn

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## Physics

The minor in Physics requires satisfactory completion of the following 36 credit points of subjects:

Subject Code	subject Name	Credit Points	Session(s)
PHYS141	Fundamentals of Physics A	6	Autumn
PHYS142	Fundamentals of Physics B	6	Spring
MATH187	Mathematics 1: Algebra and Differential Calculus	6	Autumn

<a href="#">MATH188</a>	Mathematics 2: Series and Integral Calculus	6	Spring
<a href="#">PHYS205</a>	Advanced Modern Physics	6	Autumn
And one of the following			
<a href="#">PHYS225</a>	Electromagnetism and Optoelectronics	6	Spring
OR			
<a href="#">PHYS255</a>	Radiation Physics	6	Spring

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## Sustainable Building Services

The minor in Sustainable Building Services requires satisfactory completion of the following 24 credit points of subjects:

Subject Code	subject Name	Credit Points	Session(s)
At least 12 credit points from the following:			
<a href="#">ENGG447</a>	Advanced Building Design for Energy Efficiency and Sustainability	6	Autumn
<a href="#">ENGG442</a>	Sustainable Energy in Buildings	6	Not offered in this year
<a href="#">CIVL458</a>	Fundamentals of Construction Management	6	Spring
Plus remaining credit points to be completed from the following:			
<a href="#">ENVE320</a>	Environmental Engineering Design for Sustainability	6	Spring
<a href="#">ENGG378</a>	Sustainable Energy Technologies	6	Spring

ENGG446	Energy Efficiency and Energy Auditing in the Built Environment	6	Not offered in this year
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Last reviewed: 4 June, 2019

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# 2019 Undergraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Science Schedule of Subjects | 2019

The following are subjects offered that can be counted towards the 90 credit points of Science subjects required for a Bachelor of Science degree. Please refer to the [Bachelor of Science](#) course information for details of required subjects for specific majors.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Biological Sciences</b>			
<a href="#">BIOL103</a>	Molecules, Cells and Organisms	6	Spring
<a href="#">BIOL104</a>	Evolution, Biodiversity and Environment	6	Autumn
<a href="#">BIOL105</a>	Functional Biology of Animals and Plants	6	Autumn
<a href="#">BIOL212</a>	Introductory Microbiology and Immunology	6	Not available in 2019
<a href="#">BIOL213</a>	Principles of Biochemistry	6	Autumn
<a href="#">BIOL214</a>	The Biochemistry of Energy and Metabolism	6	Spring

<a href="#">BIOL215</a>	Introductory Genetics	6	Spring
<a href="#">BIOL232</a>	Biology Research Internship	6	Autumn, Spring, Summer 2019/2020
<a href="#">BIOL240</a>	Biodiversity of Marine and Freshwater Organisms	6	Autumn
<a href="#">BIOL241</a>	Biodiversity of Terrestrial Organisms	6	Spring
<a href="#">BIOL251</a>	Principles of Ecology	6	Autumn
<a href="#">BIOL252</a>	Evolution and Behaviour	6	Spring
<a href="#">BIOL292</a>	Special Biology Studies	6	Autumn, Spring
<a href="#">MARE200</a>	Introduction to Oceanography	6	Autumn
<a href="#">BIOL340</a>	Cell and Molecular Biology	6	Autumn
<a href="#">BIOL341</a>	Immunity and Infection	6	Spring
<a href="#">BIOL342</a>	Biomedical Research:Skills and Techniques	6	Spring
<a href="#">BIOL343</a>	Techniques in Biotechnology and Medical Research	6	Autumn
<a href="#">BIOL360</a>	Applications in Conservation Biology	6	Autumn, Spring, Summer 2019/2020
<a href="#">BIOL361</a>	Conservation Biology	6	Autumn
<a href="#">BIOL362</a>	Ecophysiology	6	Autumn
<a href="#">BIOL363</a>	Professional Skills in Ecology	6	Not available in 2019
<a href="#">BIOL364</a>	Advanced Biology	6	Autumn,



			Spring, Summer 2019/2020
<a href="#">BIOL365</a>	Marine and Terrestrial Ecology	6	Spring
<a href="#">BIOL366</a>	Advanced Biology	12	Not available in 2019
<a href="#">MARE360</a>	Fisheries and Aquaculture	6	Spring
<a href="#">MARE363</a>	Advanced Marine Science Project	6	Autumn, Spring, Summer 2019/2020
<b>Chemistry</b>			
<a href="#">BNAN101</a>	Introduction to Bionanotechnology	6	Autumn
<a href="#">CHEM101</a>	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
<a href="#">CHEM102</a>	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
<a href="#">CHEM103</a>	Chemistry For Engineering	6	Autumn
<a href="#">CHEM104</a>	Foundation Chemistry: Properties of Matter	6	Autumn
<a href="#">CHEM105</a>	Foundation Chemistry: Reactions and Structures	6	Spring
<a href="#">CHEM106</a>	Foundation Chemistry: Properties and Reactivity of Matter	6	Summer 2019/2020
<a href="#">NANO101</a>	Current Perspectives in Nanotechnology		
<a href="#">SCED101</a>	Conceptions of Science	6	Spring

BNAN201	Biology at the Nanoscale	6	Spring
CHEM200	Living in a Molecular World	6	Spring
CHEM211	Inorganic Chemistry II	6	Autumn
CHEM212	Organic Chemistry II	6	Autumn
CHEM213	Molecular Structure, Reactivity and Change	6	Spring
CHEM214	Analytical and Environmental Chemistry	6	Spring
CHEM215	Food Chemistry	6	Autumn
CHEM218	Special Chemistry Studies	6	Autumn, Spring, Summer 2019/2020
CHEM232	Chemistry Research Internship	6	Annual, Autumn, Spring, Summer 2019/2020
NANO201	Research Topics in Nanotechnology	6	Not available in 2019
BNAN301	Research Project in Bionanotechnology	12	Annual
CHEM324	Chemical Analysis and Inference	6	Autumn
CHEM325	Bioinformatics:Genome, Genes and Biomolecules	6	Spring
CHEM333	Drug Discovery and Medicinal Chemistry	6	Spring
CHEM337	Environmental Chemistry	6	Autumn
CHEM341	Chemistry Laboratory Project	6	Autumn, Spring,

			Summer 2019/2020
<a href="#">CHEM358</a>	Pharmacology	6	Autumn
<a href="#">CHEM360</a>	Organic Synthesis III	6	Spring
<a href="#">CHEM370</a>	Modern Inorganic and Bio-inorganic Chemistry	6	Spring
<a href="#">CHEM374</a>	Molecular Spectroscopy and Structure Elucidation	6	Autumn
<b>Earth and Environmental Sciences</b>			
<a href="#">ARCH102</a>	Big Questions in Archaeology	6	Spring
<a href="#">EESC100</a>	Earth and Us	6	Not available in 2019
<a href="#">EESC101</a>	Planet Earth	6	Autumn
<a href="#">EESC102</a>	Earth's Interconnected Spheres	6	Spring
<a href="#">EESC103</a>	Earth's Dynamic Surface	6	Autumn
<a href="#">EESC105</a>	Introductory Geospatial Analysis	6	Autumn, Spring
<a href="#">ARCH202</a>	World Archaeology	6	Autumn
<a href="#">EESC201</a>	Earth's Inferno	6	Autumn
<a href="#">EESC202</a>	Shaping Earth's Surface	6	Spring
<a href="#">EESC203</a>	Biogeography and Environmental Change	6	Autumn
<a href="#">EESC207</a>	Advanced Geospatial Analysis	6	Autumn, Spring
<a href="#">EESC209</a>	G-cubed: Geochemistry, Geochronology, Geophysics	6	Spring
<a href="#">EESC232</a>	Earth and Environmental	6	Autumn

	Sciences Research Internship		
<a href="#">EESC250</a>	Field Geology	6	Summer 2019/2020
<a href="#">EESC252</a>	Geology for Engineers I	6	Spring
<a href="#">EESC260</a>	Earth and Environmental Sciences Research Project	6	Autumn, Spring
<a href="#">ARCH300</a>	Directed Studies in Archaeology	6	Autumn, Spring, Summer 2019/2020
<a href="#">ARCH301</a>	Archaeology in Action: Understanding the Archaeological record	6	Spring
<a href="#">ARCH302</a>	Digging Down Under: Archaeology of Australasia	6	Autumn
<a href="#">ARCH303</a>	Dung, death and decay: modern methods in Archaeology	6	Autumn
<a href="#">EESC320</a>	Capstone:Earth and Environmental Sciences	6	Spring
<a href="#">EESC321</a>	Plate Tectonics, Macrotopography and Earth History	6	Autumn
<a href="#">EESC322</a>	Coastal Environments: Process and Management	6	Spring
<a href="#">EESC323</a>	Fluvial Geomorphology and Sedimentology	6	Autumn
<a href="#">EESC326</a>	Resources and Environments	6	Spring
<a href="#">EESC328</a>	Dung, Death and Decay: Modern scientific methods in archaeology	6	Autumn

<a href="#">EESC329</a>	Directed Studies in Earth and Environmental Sciences	6	Autumn, Spring
<a href="#">EESC330</a>	Advanced field skills in the Earth Sciences	6	Winter
<a href="#">EESC331</a>	Changing Global Environments	6	Spring
<a href="#">EESC332</a>	Sedimentology, Stratigraphy and Palaeoenvironments	6	Autumn
<b>General Science</b>			
<a href="#">CIVL272</a>	Surveying	6	Spring
<a href="#">CIVL322</a>	Hydraulics and Hydrology	6	Autumn
<a href="#">CIVL361</a>	Geomechanics	6	Autumn
<a href="#">CIVL463</a>	Applied Geotechnical Engineering	6	Spring
<a href="#">CSCI103</a>	Algorithms and Problem Solving	6	Not available in 2019
<a href="#">CSCI114</a>	Procedural Programming	6	Not available in 2019
<a href="#">ENGG252</a>	Engineering Fluid Mechanics	6	Autumn
<a href="#">ENVE220</a>	Water Quality and Ecological Engineering	6	Spring
<a href="#">ENVE221</a>	Air and Noise Pollution Control Engineering	6	Spring
<a href="#">ENVE420</a>	Water Resources Engineering	6	Autumn
<a href="#">GEOG121</a>	Human Geography: Life in a Globalising World	6	Autumn
<a href="#">GEOG122</a>	Human Geography: Living	6	Spring

	in a Material World		
<a href="#">GEOG221</a>	Population Geography: People, Place, Inequality	6	Autumn
<a href="#">GEOG222</a>	Society and Environment: Resources, Challenges, Futures	6	Spring
<a href="#">GEOG224</a>	The Future of Food: Resilience, Communities and Policy	6	Spring
<a href="#">GEOG231</a>	Maps and Apps for Social Scientists	6	Spring
<a href="#">INFO411</a>	Data Mining and Knowledge Discovery	6	Autumn
<a href="#">MATE201</a>	Structure of Materials	6	Spring
<a href="#">MATE304</a>	Transport Phenomena in Materials Processing	6	Spring
<a href="#">MATH141</a>	Foundations of Engineering Mathematics	6	Autumn, Spring
<a href="#">MATH142</a>	Essentials of Engineering Mathematics	6	Spring, Summer 2019/2020
<a href="#">MATH151</a>	General Mathematics 1A	6	Autumn
<a href="#">MATH187</a>	Mathematics 1: Algebra and Differential Calculus	6	Autumn
<a href="#">MATH188</a>	Mathematics 2: Series and Integral Calculus	6	Spring
<a href="#">MATH201</a>	Multivariate and Vector Calculus	6	Autumn
<a href="#">MATH202</a>	Differential Equations: Analysis and Applications	6	Autumn
<a href="#">MATH283</a>	Advanced Engineering Mathematics and	6	Autumn

	Statistics		
<a href="#">PHYS141</a>	Fundamentals of Physics A	6	Autumn
<a href="#">PHYS142</a>	Fundamentals of Physics B	6	Spring
<a href="#">PHYS155</a>	Introduction to Biomedical Physics	6	Spring
<a href="#">PHYS205</a>	Advanced Modern Physics	6	Autumn
<a href="#">PHYS206</a>	Project in Physics	6	Autumn, Spring
<a href="#">PHYS215</a>	Vibrations, Waves & Optics	6	Autumn
<a href="#">PHYS225</a>	Electromagnetism and Optoelectronics	6	Spring
<a href="#">PHYS233</a>	Introduction to Environmental Physics	6	Autumn
<a href="#">PHYS235</a>	Mechanics & Thermodynamics	6	Spring
<a href="#">PHYS255</a>	Radiation Physics	6	Spring
<a href="#">PHYS295</a>	Astronomy - Concepts of the Universe	6	Spring
<a href="#">PHYS305</a>	Quantum Mechanics	6	Autumn
<a href="#">PHYS306</a>	Project in Physics	6	Autumn, Spring
<a href="#">PHYS325</a>	Electromagnetism	6	Autumn
<a href="#">PHYS335</a>	Classical Mechanics	6	Autumn
<a href="#">PHYS365</a>	Detection of Radiation: Neutrons, Electrons and X Rays	6	Autumn
<a href="#">PHYS375</a>	Nuclear Physics	6	Spring
<a href="#">PHYS385</a>	Statistical Mechanics	6	Spring

<a href="#">PHYS390</a>	Relativity, Astrophysics, and Cosmology	6	Not available in 2019
<a href="#">PHYS396</a>	Electronic Materials	6	Spring
<a href="#">SCIE292</a>	Science Research Internship	6	Autumn, Spring, Summer 2019/2020
<a href="#">MEDI100</a>	Human Structure and Function	6	Autumn
<a href="#">MEDI112</a>	Introduction to Anatomy and Physiology II	6	Spring
<a href="#">MEDI113</a>	Physiology of Sport, Exercise and Physical Activities	6	Spring
<a href="#">MEDI211</a>	Control Mechanisms Physiology	6	Autumn
<a href="#">MEDI312</a>	Fundamentals of Neuroscience	6	Autumn
<a href="#">MEDI361</a>	Nutrients & Metabolism	6	Not available in 2019
<a href="#">MEDI362</a>	Research in Human Nutrition	6	Autumn
<a href="#">STAT252</a>	Statistics For the Natural Sciences	6	Spring
<a href="#">STAT335</a>	Sample Surveys and Experimental Design	6	Autumn
<a href="#">SMAH200</a>	Skills to Enhance Global Employability	6	Not available in 2019



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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Science (Biological Sciences) | 2019

The science of biology is the study of living things from organic molecules to cells, individual organisms, populations and communities. Field and laboratory studies are built into appropriate subjects at all levels and take advantage of the superb local marine, freshwater and terrestrial environments on the South Coast and inland regions.

A major in Biological Sciences can be taken in the fields of biochemistry, molecular biology, cell biology, immunology, comparative physiology, terrestrial ecology, marine biology, evolutionary biology and environmental biology.

## Major Learning Outcomes

On successful completion of this course students will be able to:

1. Demonstrate broad and coherent knowledge in the principles and concepts associated with biological sciences.
2. Analyse and synthesise data, methodologies and other information.
3. Demonstrate how knowledge and skills in biological sciences can be applied in experimental projects and through the authoring of scientific works.
4. Demonstrate skills in experimental design and performance.
5. Exercise critical thinking and independent problem solving.
6. Communicate clearly and coherently knowledge and ideas to others.

# Course Structure

To qualify for award of the degree, the Bachelor of Science (Biological Sciences), a candidate must successfully complete at least 144 credit points, as outlined in the table below.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn</b>			
<a href="#">BIOL104</a>	Evolution, Biodiversity and Environment	6	Autumn
<a href="#">BIOL105</a>	Functional Biology of Animals and Plants	6	Autumn
<a href="#">MATH151</a>	General Mathematics 1A*	6	Autumn
Select ONE of the following subjects:			
Note: Students who have achieved a mark of 65% or more in NSW HSC Chemistry or equivalent must select <a href="#">CHEM101</a> and <a href="#">CHEM102</a> . All other students must select <a href="#">CHEM104</a> and <a href="#">CHEM105</a> .			
<a href="#">CHEM101</a>	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
<a href="#">CHEM104</a>	Foundation Chemistry: Properties of Matter	6	Autumn
<b>Spring</b>			
<a href="#">BIOL103</a>	Molecules, Cells and Organisms	6	Spring
Select ONE of the following subjects:			
<a href="#">CHEM102</a>	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
<a href="#">CHEM105</a>	Foundation Chemistry: Reactions and Structures	6	Spring
*Students should consider enrolling in <a href="#">STAT252</a> in Spring Session of First Year if <a href="#">MATH151</a> is not required.			

Note: Students wishing to take [MARE200](#) should note that either [EESC102](#) : Earth Environments and Resources OR [EESC103](#) : Earth's Dynamic Surface is required as a prerequisite in addition to [BIOL104](#) and [CHEM102](#) or CHEM105.

Total for major at 100-level	36
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## Year 2

24 credit points from the following Biological Sciences subjects plus Statistics

Note: When selecting 200-level subjects students should note the pre-requisites required for the 300-level subjects they wish to take.

<a href="#">BIOL213</a>	Principles of Biochemistry	6	Autumn
<a href="#">BIOL240</a>	Biodiversity of Marine and Freshwater Organisms	6	Autumn
<a href="#">BIOL251</a>	Principles of Ecology	6	Autumn
<a href="#">MARE200</a>	Introduction to Oceanography	6	Autumn
<a href="#">BIOL214</a>	The Biochemistry of Energy and Metabolism	6	Spring
<a href="#">BIOL215</a>	Introductory Genetics	6	Spring
<a href="#">BIOL241</a>	Biodiversity of Terrestrial Organisms	6	Spring
<a href="#">BIOL252</a>	Evolution and Behaviour	6	Spring
<a href="#">STAT252</a>	Statistics For the Natural Sciences* <sup>^</sup>	6	Spring

\*If not completed in Year 1.

Total for major at 200-level	24
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## Year 3

All students majoring in Biological Sciences must take at least four subjects from the following lists. Recommended subject combinations are as follows:

<b>Option 1: Four of the following subjects:</b>			
BIOL343	Techniques in Biotechnology and Medical Research	6	Autumn
BIOL340	Cell and Molecular Biology	6	Autumn
BIOL362	Ecophysiology	6	Autumn
BIOL341	Immunity and Infection	6	Spring
CHEM325	Bioinformatics:Genome, Genes and Biomolecules	6	Spring
<b>Option 2: Four of the following subjects:</b>			
BIOL362	Ecophysiology	6	Autumn
BIOL361	Conservation Biology	6	Autumn
BIOL363	Professional Skills in Ecology	6	Spring
BIOL365	Marine and Terrestrial Ecology	6	Spring
MARE360	Fisheries and Aquaculture	6	Spring
Students interested in studying subjects or combinations outside these options should discuss their choices with a Biological Sciences Course Advisor.			
Total for major at 300-level		24	
Sub-total for major		84	
Plus additional subjects chosen from the Science Schedule		6	
Total for major		90	
Plus elective subjects chosen from the Science or General Schedules		54	
<b>Degree Total</b>		<b>144</b>	

^ A Mathematics or Statistics subject acceptable to the School may be substituted for STAT252.

Special Biology Studies (BIOL292) and Advanced Biology (BIOL364) are 6 credit point project-based subjects and Advanced Biology (BIOL366) is a 12 credit point project-based subject. These subjects are available for high-achieving students wishing to complement their coursework with research projects. Please note, [BIOL292](#) is only available to students in the Dean's Scholar program. Entry into these subjects requires approval from the Head of School, Biological Sciences.

## Honours

See separate entry for the [Bachelor of Science \(Honours\)](#).

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Other Information

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

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# 2019 Undergraduate Courses

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Science (Chemistry) | 2019

Chemistry is the study of the molecular nature of all matter and its interactions. The relationship between molecular structure and its properties and reactivity give chemistry an essential, central position in science and technology.

An understanding of chemistry is needed for the full range of technically based disciplines from solid-state physics and astrophysics to molecular biology and the life sciences; from geochemistry and environmental science to engineering and health sciences.

At UOW you will study the fundamentals of Chemistry with an emphasis on molecular structure and activity. An understanding of chemistry is needed in many technical disciplines, including solid-state physics, astrophysics, engineering, molecular biology, various health sciences, geochemistry and environmental science.

## Major Learning Outcomes

On successful completion of this major students will be able to:

1. Demonstrate extensive and coherent knowledge of the principles and concepts associated with chemistry.
2. Demonstrate technical and cognitive skills associated with chemistry by locating, analysing and synthesising information to generate solutions to complex questions and problems.
3. Exercise critical analysis of observations and data from primary and secondary sources.
4. Communicate knowledge and ideas clearly and coherently to others



through a variety of media.

## Course Structure

To qualify for award of the degree, the Bachelor of Science (Chemistry), a candidate must successfully complete at least 144 credit points in accordance with the table below.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn</b>			
<b>Select ONE of the following two subjects:</b>			
<b>Note: Students who have achieved a mark of 65% or more in NSW HSC Chemistry or equivalent must select CHEM101. All other students must select CHEM104.</b>			
CHEM101	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
CHEM104	Foundation Chemistry: Properties of Matter	6	Autumn
<b>Spring</b>			
<b>Select ONE of the following two subjects:</b>			
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
CHEM105	Foundation Chemistry: Reactions and Structures	6	Spring
<b>Summer</b>			
<b>Only for students who have completed CHEM104 and CHEM105.</b>			
CHEM106	Foundation Chemistry: Properties and Reactivity of Matter	6	Summer 2019/2019
<b>Total for major at Year 1</b>		<b>12</b>	

MATH151	General Mathematics 1A	6	Autumn
<b>* Note: Students should meet the minimum mathematics requirement before enrolling in CHEM213 - Molecular Structure, Reactivity and Change and/or CHEM214 - Analytical and Environmental Chemistry II</b>			
<b>Year 2</b>			
CHEM211	Inorganic Chemistry II	6	Autumn
CHEM212	Organic Chemistry II	6	Autumn
CHEM213	Molecular Structure, Reactivity and Change	6	Spring
CHEM214	Analytical and Environmental Chemistry	6	Spring
<b>Total for major at Year 2</b>		<b>24</b>	
<b>Year 3</b>			
<b>At least FOUR subjects from the following list:</b>			
CHEM324	Chemical Analysis and Inference	6	Autumn
CHEM337	Environmental Chemistry	6	Autumn
CHEM374	Molecular Spectroscopy and Structure Elucidation	6	Autumn
CHEM370	Modern Inorganic and Bio-inorganic Chemistry	6	Spring
CHEM325	Bioinformatics:Genome, Genes and Biomolecules	6	Spring
CHEM360	Organic Synthesis III	6	Spring
<b>Total for major at Year 3</b>		<b>24</b>	
<b>Sub-total for major</b>		<b>60</b>	
<b>Plus additional subjects chosen from the Science Schedule</b>		<b>30</b>	
<b>Total for major</b>		<b>90</b>	

<b>Plus elective subjects chosen from the Science or General Schedules</b>	<b>54</b>
<b>Degree Total</b>	<b>144</b>

Please click the subject codes in the above table for information on sessions of offer for each subject at different locations. For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

The School offers a third year research subject, [CHEM341](#), to students with a good academic record (usually a credit average or better) who wish to gain experience in research. Entry into this subject is by permission of the Head of School.

## Honours

See separate entry for the [Bachelor of Science \(Honours\)](#).

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Professional Recognition/Accreditation

Completion of this major qualifies graduates for membership of the Royal Australian Chemical Institute.

## Other Information

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

Last reviewed: 26 October, 2018

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# 2019 Undergraduate Courses

Home

□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Science (Geology) | 2019

In this course you will combine fieldwork, practical experience and research to develop knowledge of the composition of Earth and its resources and the processes that have impacted, moulded and continue to influence Earth systems. You will learn how to apply geological techniques (including geological and spatial mapping), and the identification of minerals, fossils, and rocks to understand the structure of the Earth and the location of its natural resources. This will equip you with the required knowledge of current issues in Geology and enable you to propose strategies and solutions to address these problems.

## Major Learning Outcomes

On successful completion of this major students will be able to:

1. Demonstrate broad and coherent knowledge and understanding of the trends, processes and impacts that shape the Earth and its environment including local, national, global, cultural, Indigenous and spatial perspectives.
2. Critically evaluate information and data to assess scientific methods and frameworks in geological sciences.
3. Develop hypotheses and experiments to test against evidence-based scientific facts, laws, principles and evidence.
4. Identify and articulate real world problems derived from the geological sciences.
5. Apply knowledge and appropriate techniques, including those associated with fieldwork, to evaluate possible solutions to real world problems and defend choice of solution against alternatives.

6. Locate, synthesise and evaluate data, information, results and literature pertaining to geological sciences using appropriate methods, measurements, tools and technologies.
7. Communicate geological perspectives and knowledge effectively to a range of audiences using appropriate technologies and communication skills.
8. Demonstrate ethical, professional, public and personal conduct and capacity to reflect on and direct own learning and practice and participate constructively in decision-making within the context of geological science.

## Course Structure

To qualify for award of the degree, the Bachelor of Science (Geology), a candidate must successfully complete at least 144 credit points, as outlined below.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
EESC101	Planet Earth	6	Autumn
EESC103	Earth's Dynamic Surface	6	Autumn
EESC102	Earth's Interconnected Spheres	6	Spring
EESC105	Introductory Geospatial Analysis	6	Autumn, Spring
<b>Total for major at Year 1: 24 credit points</b>			
<b>Recommended Electives</b>			
MATH151	General Mathematics 1A	6	Autumn, Summer 2019/2020
SCIE103	Climate Change	6	Spring
GEOG123	Indigenous Geographies: Questioning Country	6	Spring
<b>Year 2</b>			
EESC201	Earth's Inferno	6	Autumn
EESC207	Advanced Geospatial Analysis	6	Autumn,

			Spring
EESC209	G-cubed: Geochemistry, Geochronology, Geophysics	6	Spring
EESC250	Field Geology	6	Summer 2019/2020
<b>Total for major at Year 2: 24 credit points</b>			
<b>Recommended Electives</b>			
EESC203	Biogeography and Environmental Change	6	Autumn
EESC202	Shaping Earth's Surface	6	Spring
<b>Year 3<sup>^</sup></b>			
EESC321	Plate Tectonics, Macrotopography and Earth History	6	Autumn
EESC326	Resources and Environments	6	Spring
EESC332	Sedimentology, Stratigraphy and Palaeoenvironments	6	Autumn
EESC320	Capstone:Earth and Environmental Sciences	6	Spring
<b>Total for major at Year 3: 24 credit points</b>			
<b>Recommended Electives</b>			
EESC323	Fluvial Geomorphology and Sedimentology	6	Autumn
EESC328	Dung, Death and Decay: Modern scientific methods in archaeology	6	Autumn
EESC322	Coastal Environments: Process and Management	6	Spring
EESC331	Changing Global Environments	6	Spring
<b>Total for major: 72 credit points</b>			

**Plus elective subjects chosen from the Science or General Schedules: 72 credit points**

**Degree Total: 144 credit points**

\* Students who have not completed HSC Mathematics at Band 4 or higher (or equivalent) are required to complete a mathematics subject (MATH151 or equivalent) normally in the first year. Please click the subject codes in the above table for information on sessions of offer for each subject at different locations. For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

^ Students interested in a career in Geology are urged to take more than the minimum required 24 credit points of 300-level EESC subjects. A graduate with 30 credit points of 300-level EESC subjects has a more comprehensive Geology degree.

## Honours

See separate entry for the [Bachelor of Science \(Honours\)](#).

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Other Information

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

Last reviewed: 25 October, 2018

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Science (Physical Geography and Environmental Geosciences) | 2019

In this course you will combine fieldwork, practical experience and research to develop an understanding of how the dynamics of physical processes acting on the surface of the Earth create landscapes. You will also investigate the impacts and consequences of human existence on the landscape. You will learn how to apply techniques to study patterns and processes in the environment, including their spatial pattern and evolution over time. This will equip you with the required knowledge of current issues related to Physical Geography and Environmental Geosciences and allow you to use the acquired skills to propose strategies and solutions to these problems.

### Major Learning Outcomes

On successful completion of this major students will be able to:

1. Demonstrate broad and coherent knowledge and understanding of the trends, processes and impacts that shape the Earth and its environment including local, national, global, cultural, Indigenous and spatial perspectives.
2. Critically evaluate information and data to assess scientific methods and frameworks in physical geography and environmental geosciences.
3. Develop hypotheses and experiments to test against evidence-based scientific facts, laws, principles and evidence.
4. Identify and articulate real world problems derived from physical geography and environmental geosciences.

5. Apply knowledge and appropriate techniques, including those associated with fieldwork, to evaluate possible solutions to real world problems and defend choice of solution against alternatives.
6. Locate, synthesise and evaluate data, information, results and literature pertaining to physical geography and environmental geosciences using appropriate methods, measurements, tools and technologies.
7. Communicate physical geography and environmental geoscience perspectives and knowledge effectively to a range of audiences using appropriate technologies and communication skills.
8. Demonstrate ethical, professional, public and personal conduct and capacity to reflect on and direct own learning and practice and participate constructively in decision-making within the context of physical geography and environmental geosciences.

## Course Structure

To qualify for award of the degree, the Bachelor of Science (Physical Geography and Environmental Geosciences), a candidate must successfully complete at least 144 credit points, in accordance with the table below.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">EESC101</a>	Planet Earth	6	Autumn
<a href="#">EESC103</a>	Earth's Dynamic Surface	6	Autumn
<a href="#">EESC102</a>	Earth's Interconnected Spheres	6	Spring
<a href="#">EESC105</a>	Introductory Geospatial Analysis	6	Autumn, Spring
<b>Total for major at Year 1: 24 credit points</b>			
<b>Recommended Electives</b>			
<a href="#">MATH151</a>	General Mathematics 1A	6	Autumn, Summer 2019/2020
<a href="#">SCIE103</a>	Climate Change	6	Spring
<a href="#">GEOG122</a>	Human Geography: Living in a Material World	6	Spring
<a href="#">GEOG123</a>	Indigenous Geographies:	6	Spring

	Questioning Country		
<b>Year 2</b>			
<a href="#">EESC203</a>	Biogeography and Environmental Change	6	Autumn
<a href="#">EESC207</a>	Advanced Geospatial Analysis	6	Autumn, Spring
<a href="#">EESC202</a>	Shaping Earth's Surface	6	Spring
<a href="#">EESC209</a>	G-cubed: Geochemistry, Geochronology, Geophysics	6	Spring
<b>Total for major at Year 2: 24 credit points</b>			
<b>Recommended Electives</b>			
<a href="#">EESC250</a>	Field Geology	6	Summer 2019/2020
<a href="#">EESC201</a>	Earth's Inferno	6	Autumn
<a href="#">GEOG222</a>	Society and Environment: Resources, Challenges, Futures	6	Spring
<a href="#">GEOG231</a>	Maps and Apps for Social Scientists	6	Spring
<b>Year 3</b>			
<a href="#">EESC320</a>	Capstone:Earth and Environmental Sciences	6	Spring
<a href="#">EESC323</a>	Fluvial Geomorphology and Sedimentology	6	Autumn
<a href="#">EESC322</a>	Coastal Environments: Process and Management	6	Spring
<a href="#">EESC331</a>	Changing Global Environments	6	Spring
<b>Total for major at Year 3: 24 credit points</b>			
<b>Recommended Electives</b>			

<a href="#">EESC321</a>	Plate Tectonics, Macrotopography and Earth History	6	Autumn
<a href="#">EESC328</a>	Dung, Death and Decay: Modern scientific methods in archaeology	6	Autumn
<a href="#">EESC332</a>	Sedimentology, Stratigraphy and Palaeoenvironments	6	Autumn
<a href="#">GEOG337</a>	Policy for Environmental and Heritage Management	6	Spring
<a href="#">EESC326</a>	Resources and Environments	6	Spring
<b>Total for major: 72 credit points</b>			
<b>Plus elective subjects chosen from the Science or General Schedules: 72 credit points.</b>			
<b>Degree Total: 144 credit points</b>			

Please click the subject codes in the above table for information on sessions of offer for each subject at different locations. For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

\* Students who have not completed HSC Mathematics at Band 4 or higher (or equivalent) are required to complete a mathematics subject (MATH151 or equivalent) preferably in the first year.

## Honours

See separate entry for the [Bachelor of Science \(Honours\)](#).

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Other Information

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

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# 2019 Undergraduate Courses

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Science (Conservation Biology) | 2019

Conservation Biology is the study of the Earth's biodiversity with the aim of being able to manage and protect species and ecosystems.

At UOW, this degree provides the knowledge and skills to understand and develop strategies to minimise the impact of humans on their environment. You will focus on biology, developing skills in evolutionary physiology, conservation biology and ecology of both marine and terrestrial ecosystems.

At the completion of the degree, students who have met the required academic standard may enrol in the Bachelor of Science (Honours), subject to approval of the Head of School. See separate entry for the [Bachelor of Science \(Honours\)](#).

## Major Learning Outcomes

On successful completion of this major students will be able to:

1. Exercise critical thinking and judgement in applying conservation concepts and knowledge of biological systems to inform the implementation and development of policies for conservation.
2. Use their knowledge of the biology of organisms to develop appropriate management policies or research questions.
3. Demonstrate skills in analysing, interpreting and synthesising data, methodologies and other information.
4. Demonstrate rudimentary research skills in investigating problems in conservation biology.

5. Exercise critical thinking and independent problem solving in experimental design.
6. Communicate knowledge and ideas clearly and coherently to others in both written and spoken form.
7. Apply knowledge and skills of conservation biology to solving current problems in either a professional context or in research.

## Course Structure

To qualify for award of the degree, the Bachelor of Science (Conservation Biology), a candidate must successfully complete at least 144 credit points, from the table below.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn</b>			
<a href="#">BIOL104</a>	Evolution, Biodiversity and Environment	6	Autumn
<a href="#">BIOL105</a>	Functional Biology of Animals and Plants	6	Autumn
<a href="#">EESC105</a>	Introductory Geospatial Analysis	6	Autumn, Spring
Plus ONE of the following two subjects:			
Note: Students who have achieved a mark of 65% or more in NSW HSC Chemistry or equivalent must select <a href="#">CHEM101</a> and CHEM102. All other students must select <a href="#">CHEM104</a> and CHEM105.			
<a href="#">CHEM101</a>	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
<a href="#">CHEM104</a>	Foundation Chemistry: Properties of Matter	6	Autumn
<b>Spring</b>			
<a href="#">BIOL103</a>	Molecules, Cells and Organisms	6	Spring
<a href="#">SCIE103</a>	Climate Change	6	Spring
<a href="#">STAT252</a>	Statistics For the Natural	6	Spring



	Sciences		
Plus ONE of the following two subjects:			
<a href="#">CHEM102</a>	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
<a href="#">CHEM105</a>	Foundation Chemistry: Reactions and Structures	6	Spring
<b>Year 2</b>			
<b>Autumn</b>			
<a href="#">BIOL240</a>	Biodiversity of Marine and Freshwater Organisms	6	Autumn
<a href="#">BIOL251</a>	Principles of Ecology	6	Autumn
<a href="#">MATH151</a>	General Mathematics 1A*	6	Autumn
*MATH151 must be completed by any student who has not completed NSW HSC Mathematics or equivalent at Band 4 or higher.			
<b>Spring</b>			
<a href="#">BIOL241</a>	Biodiversity of Terrestrial Organisms	6	Spring
<a href="#">BIOL252</a>	Evolution and Behaviour	6	Spring
<a href="#">EESC207</a>	Advanced Geospatial Analysis	6	Spring
Plus subjects from the following list to give a total of 48 credit points for Year 2:			
<a href="#">EESC203</a>	Biogeography and Environmental Change	6	Autumn
<a href="#">MARE200</a>	Introduction to Oceanography	6	Autumn
<a href="#">EESC202</a>	Shaping Earth's Surface	6	Spring
<a href="#">PHIL256</a>	Environmental Philosophy: Animals, Nature and Ethics	6	Spring
Students wishing to specialise in Conservation Genetics should			

select subjects from the following list:			
<a href="#">BIOL213</a>	Principles of Biochemistry	6	Autumn
<a href="#">BIOL215</a>	Introductory Genetics	6	Spring
<b>Year 3</b>			
<a href="#">BIOL362</a>	Ecophysiology	6	Autumn
<a href="#">BIOL361</a>	Conservation Biology	6	Autumn
<a href="#">BIOL365</a>	Marine and Terrestrial Ecology	6	Spring
Plus 30 credit points of subjects from the following list:			
<a href="#">EESC332</a>	Sedimentology, Stratigraphy and Palaeoenvironments	6	Autumn
<a href="#">STAT335</a>	Sample Surveys and Experimental Design	6	Autumn
<a href="#">BIOL363</a>	Professional Skills in Ecology	6	Spring
<a href="#">MARE360</a>	Fisheries and Aquaculture	6	Spring
<a href="#">EESC331</a>	Changing Global Environments	6	Spring
<a href="#">LAW 381</a>	Law for Environmental Managers	6	Spring
Or other subjects as approved by the Course Coordinator			

## Honours

See separate entry for the [Bachelor of Science \(Honours\)](#).

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Other Information

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

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# 2019 Undergraduate Courses

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Science (Environment) | 2019

In this course you will study the interaction of living and non-living elements of planet Earth, along with past and present human impacts. You will combine fieldwork, practical experience and research in geosciences, chemistry and the biological sciences to investigate environmental issues and propose strategies and solutions to address these problems. You will use multidisciplinary techniques and approaches, including mapping, laboratory and field data collection and observations to develop an understanding of the environment, and the ethical, social, economic and political aspects that are needed for environmental decision making.

Subject to satisfactory performance, and the approval of the Course Coordinator and the Head of Students, you may apply to transfer to the [Bachelor of Environmental Science \(Honours\)](#) at the completion of your 100 level subjects.

STUDENTS

## Major Learning Outcomes

On successful completion of this major students will be able to:

1. Demonstrate broad and coherent knowledge and understanding of the trends, processes and impacts that shape the Earth and its environment including local, national, global, cultural, Indigenous and spatial perspectives.
2. Critically evaluate information and data to assess scientific methods and frameworks in the environmental sciences.
3. Develop hypotheses and experiments to test against evidence-based

scientific facts, laws, principles and evidence.

4. Identify and articulate real world problems derived from the environmental sciences.
5. Apply knowledge and appropriate techniques, including those associated with fieldwork, to evaluate possible solutions to real world problems and defend choice of solution against alternatives.
6. Locate, synthesise and evaluate data, information, results and literature pertaining to the environmental sciences using appropriate methods, measurements, tools and technologies.
7. Communicate environmental science perspectives and knowledge effectively to a range of audiences using appropriate technologies and communication skills.
8. Demonstrate ethical, professional, public and personal conduct and capacity to reflect on and direct own learning and practice and participate constructively in decision-making within the context of environmental sciences.

## Course Structure

To qualify for award of the degree, the Bachelor of Science (Environment), a candidate must successfully complete at least 144 credit points, as outlined below.

Students who have not completed HSC Mathematics at Band 4 or higher (or equivalent) are required to complete a mathematics subject (MATH151 or equivalent) normally in the first year. Students interested in transferring to the Bachelor of Environmental Science (Honours) (four year degree) should note that they will need to complete [MATH151](#) as additional load.

### Students Completing a Double Degree

For students completing the Environment major as part of a double degree, please go to the approved program of study for the [Environment Major in a Double Degree](#).

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn</b>			
<a href="#">BIOL104</a>	Evolution, Biodiversity and Environment	6	Autumn
<a href="#">EESC101</a>	Planet Earth	6	Autumn
<a href="#">EESC103</a>	Earth's Dynamic Surface	6	Autumn

**Select ONE of the following subjects:**

**Note: Students who have achieved a mark of 65% or more in NSW HSC Chemistry or equivalent must select **CHEM101** and CHEM102. All other students must select **CHEM104** and CHEM105.**

<a href="#">CHEM101</a>	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
<a href="#">CHEM104</a>	Foundation Chemistry: Properties of Matter	6	Autumn

**Spring**

<a href="#">BIOL103</a>	Molecules, Cells and Organisms	6	Spring
<a href="#">EESC102</a>	Earth's Interconnected Spheres	6	Spring
<a href="#">EESC105</a>	Introductory Geospatial Analysis	6	Autumn, Spring

**Select ONE of the following subjects:**

<a href="#">CHEM102</a>	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
<a href="#">CHEM105</a>	Foundation Chemistry: Reactions and Structures	6	Spring

**Year 2****Autumn**

<a href="#">BIOL251</a>	Principles of Ecology	6	Autumn
<a href="#">EESC207</a>	Advanced Geospatial Analysis	6	Autumn, Spring
<a href="#">PHYS233</a>	Introduction to Environmental Physics	6	Autumn

**Select ONE subject from the following list:**

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BIOL105	Functional Biology of Animals and Plants	6	Autumn
EESC203	Biogeography and Environmental Change	6	Autumn
MATH151	General Mathematics 1A	6	Autumn, Summer 2019/2020
<b>Spring</b>			
CHEM214	Analytical and Environmental Chemistry	6	Spring
EESC202	Shaping Earth's Surface	6	Spring
PHIL256	Environmental Philosophy: Animals, Nature and Ethics	6	Spring
STAT252	Statistics For the Natural Sciences	6	Spring
<b>Year 3</b>			
<b>Core</b>			
EESC320	Capstone:Earth and Environmental Sciences	6	Spring
EESC331	Changing Global Environments	6	Spring
<b>Plus 36 credit points of subjects from the following list:</b>			
BIOL361	Conservation Biology	6	Autumn
EESC323	Fluvial Geomorphology and Sedimentology	6	Autumn
EESC332	Sedimentology, Stratigraphy and Palaeoenvironments	6	Autumn
CHEM324	Chemical Analysis and Inference	6	Autumn
CHEM337	Environmental Chemistry	6	Autumn

<a href="#">EESC321</a>	Plate Tectonics, Macrotopography and Earth History	6	Autumn
<a href="#">EESC209</a>	G-cubed: Geochemistry, Geochronology, Geophysics	6	Spring
<a href="#">EESC322</a>	Coastal Environments: Process and Management	6	Spring
<a href="#">EESC326</a>	Resources and Environments	6	Spring
<a href="#">BIOL365</a>	Marine and Terrestrial Ecology	6	Spring
<a href="#">BIOL252</a>	Evolution and Behaviour	6	Spring
<a href="#">CHEM370</a>	Modern Inorganic and Bio- inorganic Chemistry	6	Spring
<a href="#">GEOG337</a>	Policy for Environmental and Heritage Management	6	Spring
<a href="#">GEOG338</a>	Planning Urban Futures	6	Autumn
<b>Or other subjects approved by the Coordinator.</b>			

## Honours

Please click the subject codes in the above table for information on sessions of offer for each subject at different locations. For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

See separate entry for the [Bachelor of Environmental Science \(Honours\)](#).

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Other Information

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)



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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Science (Medical Biotechnology) | 2019

Medical Biotechnology is the application of exciting advances in molecular and cell biology to medicine, agriculture, and the environment. Through modern technologies such as genetic engineering, biotechnology is shaping diverse aspects of medicine (cancer, vaccines, therapy and diagnosis of genetic diseases), food production (transgenic plants) and industry (bioremediation).

The Bachelor of Science (Medical Biotechnology) encompasses the exciting and rapidly evolving fields of monoclonal antibody technology, proteomics and genetic engineering. A new generation of pharmaceuticals, vaccines, hormones and anti-inflammatory agents are being developed using these technologies.

Subject to satisfactory performance and the approval of the Course Co-ordinator and the Head of Students, students may apply to transfer to the [Bachelor of Medical Biotechnology \(Honours\)](#) at the end of the first year.

| UOW GLOBAL

## Major Learning Outcomes

On successful completion of this course students will be able to:

1. Identify and differentiate broad and coherent knowledge associated with the principles and concepts of cell and molecular biology.
2. Demonstrate skills in analysing, interpreting and synthesising data, methodologies and other information.
3. Exercise critical thinking and independent problem solving in

experimental design and data analysis.

4. Communicate knowledge and ideas clearly and coherently to others.
5. Consolidate and synthesise how specific knowledge and skills in cell and molecular biology are applied in the development of scientific works and completion of practical exercises.
6. Appreciate the role relevance and ethical implications of science in society.

## Course Structure

To qualify for award of the degree, the Bachelor of Science (Medical Biotechnology), a candidate must successfully complete at least 144 credit points in accordance with the table below.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn</b>			
<a href="#">BIOL105</a>	Functional Biology of Animals and Plants	6	Autumn
<a href="#">MATH151</a>	General Mathematics 1A	6	Autumn
Please select ONE of the following two subjects:			
Note: Students who have achieved a mark of 65% or more in NSW HSC Chemistry or equivalent must select <a href="#">CHEM101</a> and <a href="#">CHEM102</a> . All other students must select <a href="#">CHEM104</a> and <a href="#">CHEM105</a> .			
<a href="#">CHEM101</a>	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
<a href="#">CHEM104</a>	Foundation Chemistry: Properties of Matter	6	Autumn
<b>Spring</b>			
<a href="#">BIOL103</a>	Molecules, Cells and Organisms	6	Spring
Please select ONE of the following two subjects:			
<a href="#">CHEM102</a>	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
<a href="#">CHEM105</a>	Foundation Chemistry:	6	Spring

Reactions and Structures			
Note: Students who have completed <a href="#">CHEM104</a> and <a href="#">CHEM105</a> and wish to enrol in <a href="#">CHEM212</a> must also complete CHEM106.			
<a href="#">CHEM106</a>	Foundation Chemistry: Properties and Reactivity of Matter	6	Summer 2019/2019
Plus other elective subjects to give a total of 48 credit points for Year 1 of which, 6 credit points should be from the following list:			
<a href="#">BIOL104</a>	Evolution, Biodiversity and Environment	6	Autumn
<a href="#">MEDI100</a>	Human Structure and Function	6	Autumn
<a href="#">PHYS155</a>	Introduction to Biomedical Physics	6	Spring
<a href="#">MEDI112</a>	Introduction to Anatomy and Physiology II	6	Spring
<a href="#">STS 112</a>	The Scientific Revolution	6	Autumn
* <a href="#">STS 112</a> is compulsory for students taking an approved course of study which does not include <a href="#">SOC 251</a> (in Year 2).			
<b>Year 2</b>			
<b>Autumn</b>			
<a href="#">BIOL213</a>	Principles of Biochemistry	6	Autumn
<b>Spring</b>			
<a href="#">BIOL214</a>	The Biochemistry of Energy and Metabolism	6	Spring
<a href="#">BIOL215</a>	Introductory Genetics	6	Spring
<a href="#">CHEM214</a>	Analytical and Environmental Chemistry	6	Spring
<a href="#">STAT252</a>	Statistics For the Natural Sciences	6	Spring
Plus, 18 credit points of subjects from the following list:			

Note: Students are strongly recommended to select [CHEM212](#) as one of the options.

<a href="#">BIOL240</a>	Biodiversity of Marine and Freshwater Organisms	6	Autumn
<a href="#">MGNT208</a>	Introduction to Management for Professionals A	6	Autumn
<a href="#">CHEM212</a>	Organic Chemistry II	6	Autumn
<a href="#">MEDI211</a>	Control Mechanisms Physiology	6	Autumn
<a href="#">SOC 251</a>	Genetics, Biotechnology and Society	6	Autumn
<a href="#">BIOL241</a>	Biodiversity of Terrestrial Organisms	6	Spring

\*\* Compulsory for students who have not taken [STS 112](#) in Year 1.

### Year 3

#### Autumn

<a href="#">BIOL343</a>	Techniques in Biotechnology and Medical Research	6	Autumn
<a href="#">BIOL340</a>	Cell and Molecular Biology	6	Autumn

Plus two subjects from the following list:

<a href="#">BIOL362</a>	Ecophysiology	6	Autumn
<a href="#">CHEM358</a>	Pharmacology	6	Autumn
<a href="#">MEDI312</a>	Fundamentals of Neuroscience	6	Autumn
<a href="#">PHIL326</a>	Bioethics	6	Autumn

#### Spring

<a href="#">BIOL341</a>	Immunity and Infection	6	Spring
<a href="#">CHEM325</a>	Bioinformatics:Genome, Genes and Biomolecules	6	Spring

Plus two subjects from the following list:

<a href="#">CHEM360</a>	Organic Synthesis III	6	Spring
<a href="#">ECON318</a>	Economics of Health and Human Resources	6	Spring
<a href="#">SOC 347</a>	Sociology of Health, Illness and Medicine	6	Spring
<a href="#">HAS 350</a>	Social Determinants of Indigenous Health	6	Spring
<a href="#">MEDI323</a>	Cardiorespiratory Studies	6	Spring
Or other subjects approved by the Coordinator.			

Please click the subject codes in the above table for information on sessions of offer for each subject at different locations. For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Honours

If the required academic standard is attained, with the approval of the degree coordinator, BSc (Medical Biotechnology) students may transfer into the [Bachelor of Medical Biotechnology \(Honours\)](#) degree no earlier than the end of 2nd year and subsequently undertake the 4th (Honours) year of this latter degree.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Professional Recognition/Accreditation

Graduates qualify to apply for membership of the Australian Institute of Biology, the Australian Society of Microbiology and the Australian Biotechnology Society.

## Other Information

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Science (Medicinal Chemistry) | 2019

Medicinal chemists design and synthesise new medicinal and pharmacological agents; develop new dosage forms; monitor guidelines for testing drugs and undertake analyses; assist with drug regulatory affairs; assess patent applications for new drugs; and teach in tertiary institutions.

The Bachelor of Science (Medicinal Chemistry) includes specialised subjects in drug discovery and design, using both rational, computer-aided and bio-prospecting approaches. The program also provides training in physiology, pharmacology and other areas needed to understand the effects of disease states on the human body and the role of drugs and other methods of chemical intervention.

Subject to satisfactory performance and the approval of the Course Co-ordinator and the Head of Students, students may apply to transfer to the [Bachelor of Medicinal Chemistry \(Honours\)](#) at the end of the first year.

▮ STUDENTS ▮

## Major Learning Outcomes

On successful completion of this major, students will be able to:

1. Demonstrate extensive and coherent knowledge of the principles and concepts associated with chemistry.
2. Demonstrate knowledge of the principles and concepts associated with the design and synthesis of medicinal agents, their mode of action and their biological interactions.
3. Demonstrate technical and cognitive skills associated with chemistry,



including medicinal chemistry, by locating, analysing and synthesising information to generate solutions to complex questions and problems.

4. Exercise critical analysis of observations and data from primary and secondary sources.
5. Communicate knowledge and ideas clearly and coherently to others through a variety of media.

## Course Structure

To qualify for award of the degree, the Bachelor of Science (Medicinal Chemistry), a candidate must successfully complete at least 144 credit points, in accordance with the table below.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn</b>			
<a href="#">MEDI100</a>	Human Structure and Function	6	Autumn
Select ONE of the following two subjects:			
Note: Students who have achieved a mark of 65% or more in NSW HSC Chemistry or equivalent must select <a href="#">CHEM101</a> and CHEM102. All other students must select <a href="#">CHEM104</a> and CHEM105.			
<a href="#">CHEM101</a>	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
<a href="#">CHEM104</a>	Foundation Chemistry: Properties of Matter	6	Autumn
Plus 12 credit points of subjects from the following list:			
<a href="#">BIOL104</a>	Evolution, Biodiversity and Environment	6	Autumn
<a href="#">BIOL105</a>	Functional Biology of Animals and Plants	6	Autumn
<a href="#">MEDI150</a>	Fundamental Concepts in Food and Nutrition	6	Autumn
<a href="#">PHYS141</a>	Fundamentals of Physics A	6	Autumn
<a href="#">MATH141</a>	Foundations of Engineering	6	Autumn,

	Mathematics		Spring
OR			
<a href="#">MATH151</a>	General Mathematics 1A	6	Autumn
OR			
<a href="#">MATH187</a>	Mathematics 1: Algebra and Differential Calculus	6	Autumn
<p>*The mathematics subject to study is dependent on the level of mathematics already achieved by the student (HSC or equivalent). Students may only complete one of these MATH subjects.</p>			
<b>Spring</b>			
<a href="#">BIOL103</a>	Molecules, Cells and Organisms	6	Spring
<a href="#">MEDI112</a>	Introduction to Anatomy and Physiology II	6	Spring
<a href="#">STAT252</a>	Statistics For the Natural Sciences	6	Spring
Select ONE of the following two subjects:			
<a href="#">CHEM102</a>	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
<a href="#">CHEM105</a>	Foundation Chemistry: Reactions and Structures	6	Spring
<b>Summer</b>			
<a href="#">CHEM106</a>	Foundation Chemistry: Properties and Reactivity of Matter	6	Summer 2019/2020
<p>Note: Students completing <a href="#">CHEM104</a> and <a href="#">CHEM105</a> and wishing to enrol in a 200 level CHEM subject may also be required to complete CHEM106. Please check with the Head of Students for confirmation.</p>			
<b>Year 2</b>			
<b>Autumn</b>			

<a href="#">BIOL213</a>	Principles of Biochemistry	6	Autumn
<a href="#">CHEM211</a>	Inorganic Chemistry II	6	Autumn
<a href="#">CHEM212</a>	Organic Chemistry II	6	Autumn
<a href="#">MEDI211</a>	Control Mechanisms Physiology	6	Autumn
<b>Spring</b>			
<a href="#">BIOL214</a>	The Biochemistry of Energy and Metabolism	6	Spring
<a href="#">BIOL215</a>	Introductory Genetics	6	Spring
<a href="#">CHEM213</a>	Molecular Structure, Reactivity and Change	6	Spring
<a href="#">CHEM214</a>	Analytical and Environmental Chemistry	6	Spring
<b>Year 3</b>			
<b>Autumn</b>			
<a href="#">CHEM358</a>	Pharmacology	6	Autumn
<a href="#">CHEM374</a>	Molecular Spectroscopy and Structure Elucidation	6	Autumn
Plus, 12 credit points of subjects from the following list:			
<a href="#">BIOL343</a>	Techniques in Biotechnology and Medical Research	6	Autumn
<a href="#">BIOL340</a>	Cell and Molecular Biology	6	Autumn
<a href="#">CHEM324</a>	Chemical Analysis and Inference	6	Autumn
Or other subject as approved by the course coordinator.			
<b>Spring</b>			
<a href="#">CHEM325</a>	Bioinformatics:Genome, Genes and Biomolecules	6	Spring
<a href="#">CHEM360</a>	Organic Synthesis III	6	Spring

<a href="#">CHEM333</a>	Drug Discovery and Medicinal Chemistry	6	Spring
Plus ONE subject from the following list:			
<a href="#">CHEM370</a>	Modern Inorganic and Bio-inorganic Chemistry	6	Spring
<a href="#">BIOL341</a>	Immunity and Infection	6	Spring

Please click the subject codes in the above table for information on sessions of offer for each subject at different locations. For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Honours

If the required academic standard is attained the student may apply to transfer to the [Bachelor of Medicinal Chemistry \(Honours\)](#) degree. This encompasses a final honours year which consists of special coursework plus a research project.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Professional Recognition/Accreditation

This degree structure is designed to meet the qualifying standards of the Royal Australian Chemical Institute, and students meeting the course requirements will be eligible for corporate membership as Chartered Chemists.

## Other Information

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

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# 2019 Undergraduate Courses

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Science (Bionanotechnology) | 2019

### Overview

UOW's Bachelor of Science (Bionanotechnology) targets the emerging field of bionanotechnology, an area that combines principles from biology, physics, chemistry, and mathematics to understand and control biological processes at the molecular level. Using bionanotechnological approaches, revolutionary advances are being made in the biomedical sciences, varying from the visualization and manipulation of individual molecules, the use of nanoparticles to deliver drugs to specific sites in the body and the development of nanofabricated architecture to read out the sequence of DNA. The Bachelor of Science (Bionanotechnology) draws on the internationally recognised strengths of the University's research in the areas of molecular biophysics, biochemistry, and materials science. It provides rigorous and interdisciplinary training in biology, physics, chemistry and mathematics. A Bachelor of Science (Bionanotechnology) will place you in a unique position to undertake an exciting, interdisciplinary career in biotech industry, pharmaceutical industry, academic biomedical research, government policy, patent law, and many other fields.

MENU 

### Major Learning Outcomes

On successful completion of this major students will be able to:

1. Demonstrate extensive and coherent knowledge of the principles and concepts associated with bionanotechnology.

2. Demonstrate knowledge of the principles from biology, physics, chemistry and mathematics associated with the understanding and control of biological processes at the molecular level.
3. Demonstrate technical and cognitive skills associated with bionanotechnology - and its relevant subjects from mathematics, physics, biology and chemistry - by locating, analysing and synthesising information to generate solutions to complex questions and problems.
4. Exercise critical analysis of observations and data from primary and secondary sources.
5. Communicate knowledge and ideas clearly and coherently to others through a variety of media.

## Course Structure

To qualify for award of the degree, the Bachelor of Science (Bionanotechnology), a candidate must successfully complete at least 144 credit points in accordance with the table below.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn</b>			
BNAN101	Introduction to Bionanotechnology	6	Autumn
PHYS141	Fundamentals of Physics A	6	Autumn
<b>Select ONE of the following two subjects:</b>			
<b>Note: Students who have achieved a mark of 65% or more in NSW HSC Chemistry or equivalent must select CHEM101 and CHEM102. All other students must select CHEM104 and CHEM105.</b>			
CHEM101	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
CHEM104	Foundation Chemistry: Properties of Matter	6	Autumn
<b>Select ONE of the following two subjects:</b>			
MATH141	Foundations of Engineering Mathematics	6	Autumn, Spring

<a href="#">MATH187</a>	Mathematics 1: Algebra and Differential Calculus	6	Autumn
<b>Spring</b>			
<a href="#">BIOL103</a>	Molecules, Cells and Organisms	6	Spring
<a href="#">PHYS142</a>	Fundamentals of Physics B	6	Spring
<b>Select ONE of the following two subjects:</b>			
<a href="#">CHEM102</a>	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
<a href="#">CHEM105</a>	Foundation Chemistry: Reactions and Structures	6	Spring
<b>Select ONE of the following two subjects:</b>			
<a href="#">MATH142</a>	Essentials of Engineering Mathematics	6	Spring, Summer 2019/2020
<a href="#">MATH188</a>	Mathematics 2: Series and Integral Calculus	6	Spring
<b>Summer</b>			
<a href="#">CHEM106</a>	Foundation Chemistry: Properties and Reactivity of Matter	6	Summer 2019/2020
<b>Note: Students completing <a href="#">CHEM104</a> and <a href="#">CHEM105</a> and wishing to enrol in a 200 level CHEM subject may also be required to complete CHEM106. Please check with the Head of Students for confirmation.</b>			
<b>Year 2</b>			
<b>Autumn</b>			
<a href="#">BIOL213</a>	Principles of Biochemistry	6	Autumn
<a href="#">PHYS205</a>	Advanced Modern Physics	6	Autumn



<a href="#">CHEM212</a>	Organic Chemistry II	6	Autumn
<a href="#">ENGG103</a>	Materials in Design	6	Autumn
<b>Spring</b>			
<a href="#">BNAN201</a>	Biology at the Nanoscale	6	Spring
<a href="#">BIOL215</a>	Introductory Genetics	6	Spring
<a href="#">CHEM213</a>	Molecular Structure, Reactivity and Change	6	Spring
<a href="#">STAT252</a>	Statistics For the Natural Sciences	6	Spring
<b>Year 3</b>			
<b>Autumn</b>			
<a href="#">BIOL343</a>	Techniques in Biotechnology and Medical Research	6	Autumn
<b>Select THREE of the following subjects:</b>			
<a href="#">BIOL340</a>	Cell and Molecular Biology	6	Autumn
<a href="#">MEDI312</a>	Fundamentals of Neuroscience	6	Autumn
<a href="#">CHEM358</a>	Pharmacology	6	Autumn
<a href="#">CHEM374</a>	Molecular Spectroscopy and Structure Elucidation	6	Autumn
<a href="#">CHEM324</a>	Chemical Analysis and Inference	6	Autumn
<a href="#">PHYS305</a>	Quantum Mechanics	6	Autumn
<b>Spring</b>			
<a href="#">CHEM325</a>	Bioinformatics:Genome, Genes and Biomolecules	6	Spring
<a href="#">MATE201</a>	Structure of Materials	6	Spring
<b>Select TWO of the following subjects:</b>			

<a href="#">BIOL214</a>	The Biochemistry of Energy and Metabolism	6	Spring
<a href="#">BIOL341</a>	Immunity and Infection	6	Spring
<a href="#">CHEM333</a>	Drug Discovery and Medicinal Chemistry	6	Spring
<a href="#">MATE302</a>	Polymeric Materials	6	Spring
<a href="#">CHEM360</a>	Organic Synthesis III	6	Spring

Please click the subject codes in the above table for information on sessions of offer for each subject at different locations. For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

\*If you are required to complete [CHEM106](#) as part of your course schedule you may be eligible to substitute an elective subject, please contact your course coordinator.

## Honours

If the required academic standard is attained, the Bachelor of Science (Bionanotechnology) student may transfer to the [Bachelor of Bionanotechnology \(Honours\)](#). This consists of special coursework plus a research project.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Other Information

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

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# 2019 Undergraduate Courses

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## Bachelor of Engineering (Honours) (Electrical, Computer, Telecommunications) List A & List B Elective Subjects | 2019

List A SECTE Electives subjects are common to the Electrical, Computer and Telecommunications majors.

Subjects appearing on this list will only count as a Core Subject, a Major Subject or a List A SECTE Electives subject (each can only be counted once).

Unless class numbers warrant it, not all List A SECTE Electives subjects will be offered in any year.

List B General Electives subjects are from areas outside SECTE and ensure that students complete subjects from another discipline.

### List A SECTE Electives

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">ECTE323</a>	Power Engineering 2	6	Spring
<a href="#">ECTE331</a>	Real-time Embedded Systems	6	Spring

<a href="#">ECTE401</a>	Multimedia Signal Processing	6	Autumn
<a href="#">ECTE412</a>	Power Electronics and Drives	6	Spring
<a href="#">ECTE423</a>	Power System Analysis	6	Autumn
<a href="#">ECTE426</a>	Power Distribution Systems	6	Spring
<a href="#">ECTE427</a>	Renewable and Embedded Generation	6	Not available in 2019
<a href="#">ECTE428</a>	Energy Efficiency in Electricity Utilisation	6	Not available in 2019
<a href="#">ECTE429</a>	Smart Power Grids	6	Spring
<a href="#">ECTE431</a>	Real-Time Computing	6	Not available in 2019
<a href="#">ECTE432</a>	Computer Architecture	6	Spring
<a href="#">ECTE433</a>	Embedded Systems	6	Autumn
<a href="#">ECTE441</a>	Intelligent Control	6	Autumn
<a href="#">ECTE442</a>	Computer Controlled Systems	6	Autumn
<a href="#">ECTE465</a>	Wireless Communication Systems	6	Spring
<a href="#">ECTE468</a>	Coding and Error Correction	6	Not available in 2019
<a href="#">ECTE469</a>	Queuing Theory and Optimization	6	Spring
<a href="#">ECTE471</a>	Robotics and Flexible Automation	6	Spring
<a href="#">ECTE482</a>	Network Engineering	6	Autumn
<a href="#">ECTE496</a>	Optical Communication Systems	6	Spring

<a href="#">FEIS400</a>	Lean Engineering Start Up*	12	Summer 2019/2019
<a href="#">INFO411</a>	Data Mining and Knowledge Discovery	6	Autumn
*FEIS400 can be counted as equivalent to one List A SECTE Elective AND one List B General Elective.			

## List B General Electives

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">CAVA124</a>	Introduction to Photography 1	6	Autumn
<a href="#">CSCI203</a>	Algorithms and Data Structures	6	Spring
<a href="#">ECON101</a>	Macroeconomic Essentials for Business	6	Not available in 2019
<a href="#">ECON111</a>	Introductory Microeconomics	6	Not available in 2019
<a href="#">ELL 151</a>	Effective Spoken Communication (NESB)	6	Autumn
<a href="#">ELL 152</a>	Effective Written Communication (NESB)	6	Spring
<a href="#">ELL 182</a>	Effective Written Communication (ESB)	6	Spring
<a href="#">ELL 230</a>	Communication Across Cultures	6	Autumn
<a href="#">FREN151</a>	French for Beginners 1	6	Autumn
<a href="#">ITAL151</a>	Italian for Beginners 1	6	Autumn
<a href="#">JAPA141</a>	Beginner Japanese 1	6	Autumn

<a href="#">LAW 101</a>	Law, Business and Society	6	Autumn
<a href="#">MAND151</a>	Chinese (Mandarin) for Beginners 1	6	Autumn
<a href="#">MATH318</a>	Operations Research	6	Spring
<a href="#">SPAN151</a>	Spanish for Beginners 1	6	Autumn
<a href="#">MECH470</a>	Applied Topics in Mechatronics	6	Spring
<a href="#">PHYS154</a>	Energy, Climate Change and Human Society	6	Autumn
<a href="#">PHYS295</a>	Astronomy - Concepts of the Universe	6	Spring
Or other General Elective approved by the School			

## Other Information

Further information is available at:

[UOW Course Finder](#)

Email: [eis@uow.edu.au](mailto:eis@uow.edu.au)

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# 2019 Postgraduate Courses

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Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Master of Engineering (Asset Management) | 2019

### Course Structure

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">ENGG980</a>	Professional Communications and Engineering Workplace Practice	12	Annual, Spring 2019/Autumn 2020
<a href="#">ENGG950</a>	Innovation and Design	6	Autumn
<a href="#">ENGG958</a>	Life-Cycle and Risk Management	6	Autumn
<a href="#">ENGG955</a>	Engineering Research Methods	6	Autumn, Spring
<a href="#">ENGG951</a>	Engineering Project Management	6	Spring
<a href="#">ENGG956</a>	Financial Management for Engineered Assets	6	Spring

ENGG960	Maintenance Requirement Analysis	6	Spring
<b>Year 2</b>			
MMMB940	Advanced Project	12	Annual, Spring 2019/Autumn 2020
ENGG961	Systems Reliability Engineering	6	Autumn
ENGG957	Project Implementation and Outsourcing	6	Autumn
ENGG952	Engineering Computing	6	Spring
ENGG953	Modelling of Engineering Management Systems	6	Spring
<b>Plus ONE Asset Management Discipline Subject</b>		6	Autumn, Spring
<b>Plus ONE General Elective or Asset Management Discipline Subject</b>		6	Autumn, Spring

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [UOW Course Finder](#)

## Other Information

For further information please email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or [Academic Program Director](#)

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# 2019 Postgraduate Courses

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Master of Engineering (Management) | 2019

### Course Structure

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">ENGG980</a>	Professional Communications and Engineering Workplace Practice	12	Annual, Spring 2019/Autumn 2020
<a href="#">ENGG955</a>	Engineering Research Methods	6	Autumn, Spring
<a href="#">ENGG950</a>	Innovation and Design	6	Autumn
<a href="#">ENGG951</a>	Engineering Project Management	6	Spring
<a href="#">ENGG939</a>	Engineering Logistics	6	Spring
<b>Plus TWO Management Discipline Subjects</b>		12	Autumn, Spring

<b>Year 2</b>			
<a href="#">MMMB940</a>	Advanced Project	12	Annual, Spring 2019/Autumn 2020
<a href="#">ENGG954</a>	Strategic Management for Engineers and Technologists	6	Autumn
<a href="#">ENGG958</a>	Life-Cycle and Risk Management	6	Autumn
<a href="#">ENGG953</a>	Modelling of Engineering Management Systems	6	Spring
<a href="#">ENGG956</a>	Financial Management for Engineered Assets	6	Spring
<a href="#">OPS 908</a>	Supply Chain Management	6	Trimester 1, Trimester 2, Trimester 3
<b>Plus ONE General Elective or Management Discipline Subject</b>		6	Autumn, Spring

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [UOW Course Finder](#)

## Other Information

For further information please email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or [Academic Program Director](#)

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# 2019 Postgraduate Courses

Home □

□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Master of Engineering (Civil Engineering) | 2019

### Course Structure

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">ENGG980</a>	Professional Communications and Engineering Workplace Practice	12	Annual, Spring 2019/Autumn 2020
<a href="#">ENGG950</a>	Innovation and Design	6	Autumn
<a href="#">CIVL911</a>	Structural Design Based on Australian Standards	6	Autumn
<a href="#">CIVL980</a>	Advanced Computer Applications	6	Autumn
<a href="#">CIVL904</a>	Sustainable Roads & Railway Engineering	6	Spring
<a href="#">CIVL958</a>	Construction Management	6	Spring

ENGG955	Engineering Research Methods	6	Autumn, Spring
<b>Year 2</b>			
CMEE940	Advanced Project	12	Annual
CIVL909	Advanced Foundation Engineering	6	Autumn
ENVE930	Coastal, River and Ground Water Engineering	6	Autumn
CMEE901	Tunneling and Underground Construction	6	Not Available in 2019
CIVL908	Advanced Soil Mechanics	6	Spring
<b>Plus TWO elective subjects from the list below:</b>		12	Autumn, Spring
CIVL903	Concrete Technology	6	Not available in 2019
CIVL912	Engineering Hydrology	6	Autumn
ENGG941	Sustainability for Engineers, Scientists and Professionals	6	Autumn
ENGG948	Sustainable Energy Technology	6	Spring
ENVE925	Water Quality Engineering and Management	6	Spring
ENVE929	Site Contamination and Remediation Technologies	6	Spring
MINE911	Studies in Surface Mining	6	Autumn

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [UOW Course](#)



[Finder](#)

## Other Information

For further information please email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or [Academic Program Director](#)

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# 2019 Postgraduate Courses

Home

Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Master of Engineering (Computer Engineering) | 2019

### Course Structure

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">ENGG980</a>	Professional Communications and Engineering Workplace Practice	12	Annual, Spring 2019/Autumn 2020
<a href="#">ENGG950</a>	Innovation and Design	6	Autumn
<a href="#">ECTE955</a>	Advanced Laboratory	6	Autumn
<a href="#">ENGG955</a>	Engineering Research Methods	6	Autumn, Spring
<b>Plus ONE elective subject from the list below:</b>			
<a href="#">ECT8333</a>	Microcontroller Architecture and Applications	6	Annual
<a href="#">ECT8301</a>	Digital Signal Processing	6	Autumn

<a href="#">ECT8324</a>	Power Engineering 1	6	Autumn
<a href="#">ECT8363</a>	Communication Systems	6	Autumn
<a href="#">ECT8323</a>	Power Engineering 2	6	Spring
<a href="#">ECT8344</a>	Control Theory	6	Spring
<a href="#">ECT8364</a>	Data Communications	6	Spring
<b>Plus TWO elective subjects from the list below:</b>			
<a href="#">ECTE801</a>	Multimedia Signal Processing	6	Autumn
<a href="#">ECTE833</a>	Embedded Systems	6	Autumn
<a href="#">ECTE841</a>	Intelligent Control	6	Autumn
<a href="#">ECTE882</a>	Network Engineering	6	Autumn
<a href="#">ECTE832</a>	Computer Architecture	6	Spring
<a href="#">ECTE871</a>	Robotics and Flexible Automation	6	Spring
<b>Year 2</b>			
<a href="#">ECTE940</a>	Advanced Project	12	Annual
<a href="#">ECTE906</a>	Advanced Signals and Systems	6	Autumn, Spring
<a href="#">ECTE903</a>	Image and Video Processing	6	Spring
<a href="#">ECTE992</a>	The Future Internet: Architectures and Communication Protocols	6	Spring
<b>Plus THREE elective subjects as specified below:</b>			
1 <a href="#">Professional Elective*</a>		6	Autumn, Spring
1 <a href="#">Technical Elective 900-level ECTE subject*</a>		6	Autumn, Spring
1 <a href="#">Technical Elective 900-level ECTE</a>		6	Autumn,

subject OR 1 Technical Elective 900-level  
non-ECTE subject\*

Spring

\* For advice on choosing the Professional and Technical Electives please contact your [Academic Program Director](#).

## Professional and Technical Elective Subjects

Subject Code	Subject Name	Credit Points	Session(s)
<b>Technical Electives 900-level ECTE subjects:</b>			
<a href="#">ECTE902</a>	Optimum Signal Processing	6	Not available in 2019
<a href="#">ECTE903</a>	Image and Video Processing	6	Spring
<a href="#">ECTE921</a>	Power Quality and Reliability	6	Not available in 2019
<a href="#">ECTE923</a>	Power System Analysis	6	Autumn
<a href="#">ECTE927</a>	Renewable and Distributed Generation	6	Autumn
<a href="#">ECTE944</a>	Identification and Optimal Control	6	Not available in 2019
<a href="#">ECTE962</a>	Telecommunications System Modelling	6	Spring
<a href="#">ECTE967</a>	Mobile Networks	6	Autumn
<a href="#">ECTE987</a>	Optoelectronic Sensing	6	Not available in 2019
<a href="#">ECTE992</a>	The Future Internet: Architectures and Communication Protocols	6	Spring

<b>Technical Electives 900-level non-ECTE subjects:</b>			
<a href="#">CSCI933</a>	Machine Learning Algorithms and Applications	6	Autumn
<a href="#">CSCI935</a>	Computer Vision Algorithms and Systems	6	Spring
<a href="#">MECH941</a>	Micro/Nano Robotic Systems	6	Autumn
<b>Professional Electives:</b>			
<a href="#">ENGG951</a>	Engineering Project Management	6	Spring
<a href="#">ENGG953</a>	Modelling of Engineering Management Systems	6	Spring
<a href="#">ENGG954</a>	Strategic Management for Engineers and Technologists	6	Autumn
<a href="#">ENGG956</a>	Financial Management for Engineered Assets	6	Spring

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [UOW Course Finder](#)

## Other Information

For further information please email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or [Academic Program Director](#)

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# 2019 Postgraduate Courses

Home

Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Master of Engineering (Electrical Engineering) | 2019

### Course Structure

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">ENGG980</a>	Professional Communications and Engineering Workplace Practice	12	Annual, Spring 2019/Autumn 2020
<a href="#">ENGG950</a>	Innovation and Design	6	Autumn
<a href="#">ECTE955</a>	Advanced Laboratory	6	Autumn
<a href="#">ENGG955</a>	Engineering Research Methods	6	Autumn, Spring
<b>Plus ONE elective subject from the list below:</b>			
<a href="#">ECT8333</a>	Microcontroller Architecture and Applications	6	Annual
<a href="#">ECT8301</a>	Digital Signal Processing	6	Autumn

<a href="#">ECT8324</a>	Power Engineering 1	6	Autumn
<a href="#">ECT8363</a>	Communication Systems	6	Autumn
<a href="#">ECT8344</a>	Control Theory	6	Spring
<a href="#">ECT8364</a>	Data Communications	6	Spring
<a href="#">ECT8323</a>	Power Engineering 2	6	Spring
<b>Plus TWO elective subjects from the list below:</b>			
<a href="#">ECTE833</a>	Embedded Systems	6	Autumn
<a href="#">ECTE842</a>	Computer Controlled Systems	6	Autumn
<a href="#">ECTE841</a>	Intelligent Control	6	Autumn
<a href="#">ECTE812</a>	Power Electronics and Drives	6	Not available in 2019
<a href="#">ECTE826</a>	Power Distribution Systems	6	Spring
<a href="#">ECTE829</a>	Smart Power Grids	6	Spring
<a href="#">ECTE871</a>	Robotics and Flexible Automation	6	Spring
<b>Year 2</b>			
<a href="#">ECTE940</a>	Advanced Project	12	Annual
<a href="#">ECTE923</a>	Power System Analysis	6	Autumn
<a href="#">ECTE927</a>	Renewable and Distributed Generation	6	Autumn
<a href="#">ECTE906</a>	Advanced Signals and Systems	6	Autumn, Spring
<b>Plus THREE elective subjects as specified below:</b>			
1 <a href="#">Professional Elective*</a>		6	Autumn, Spring
1 <a href="#">Technical Elective 900-level ECTE subject*</a>		6	Autumn, Spring



1 Technical Elective 900-level ECTE OR 1 Technical Elective 900-level non-ECTE subject*	6	Autumn, Spring
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\* For advice on choosing the Professional and Technical Electives, please contact your [Academic Program Director](#).

## Professional and Technical Elective Subjects

Subject Code	Subject Name	Credit Points	Session(s)
<b>Technical Electives 900-level ECTE subjects:</b>			
<a href="#">ECTE902</a>	Optimum Signal Processing	6	Not available in 2019
<a href="#">ECTE903</a>	Image and Video Processing	6	Spring
<a href="#">ECTE921</a>	Power Quality and Reliability	6	Not available in 2019
<a href="#">ECTE923</a>	Power System Analysis	6	Autumn
<a href="#">ECTE927</a>	Renewable and Distributed Generation	6	Autumn
<a href="#">ECTE944</a>	Identification and Optimal Control	6	Not available in 2019
<a href="#">ECTE962</a>	Telecommunications System Modelling	6	Spring
<a href="#">ECTE967</a>	Mobile Networks	6	Autumn
<a href="#">ECTE987</a>	Optoelectronic Sensing	6	Not available in 2019
<a href="#">ECTE992</a>	The Future Internet: Architectures and	6	Spring

	Communication Protocols		
<b>Technical Electives 900-level non-ECTE subjects:</b>			
<a href="#">CSCI933</a>	Machine Learning Algorithms and Applications	6	Autumn
<a href="#">CSCI935</a>	Computer Vision Algorithms and Systems	6	Spring
<a href="#">MECH941</a>	Micro/Nano Robotic Systems	6	Autumn
<b>Professional Electives:</b>			
<a href="#">ENGG951</a>	Engineering Project Management	6	Spring
<a href="#">ENGG953</a>	Modelling of Engineering Management Systems	6	Spring
<a href="#">ENGG954</a>	Strategic Management for Engineers and Technologists	6	Autumn
<a href="#">ENGG956</a>	Financial Management for Engineered Assets	6	Spring

## Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [UOW Course Finder](#)

## Other Information

For further information please email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or [Academic Program Director](#)

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# 2019 Postgraduate Courses

Home



**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Master of Engineering (Environmental Engineering) | 2019

### Course Structure

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">ENGG980</a>	Professional Communications and Engineering Workplace Practice	12	Annual, Spring 2019/Autumn 2020
<a href="#">ENGG950</a>	Innovation and Design	6	Autumn
<a href="#">ENGG955</a>	Engineering Research Methods	6	Autumn, Spring
<a href="#">ENGG941</a>	Sustainability for Engineers, Scientists and Professionals	6	Autumn
<a href="#">ENGG948</a>	Sustainable Energy Technologies	6	Spring
<a href="#">ENVE925</a>	Water Quality Engineering and Management	6	Spring

ENVE926	Air and Noise Pollution Management	6	Spring
<b>Year 2</b>			
CMEE940	Advanced Project	12	Annual
ENVE923	Industrial Waste Engineering and Cleaner Production	6	Autumn
ENVE930	Coastal, River and Groundwater Engineering	6	Autumn
ENVE927	Environmental Engineering Processes Design	6	Spring
ENVE929	Site Contamination and Remediation Technologies	6	Spring
<b>Plus TWO electives from the subjects below:</b>		12	Autumn, Spring
CIVL903	Concrete Technology	6	Spring
CIVL904	Design of Road and Rail infrastructures	6	Spring
CIVL909	Advanced Foundation Engineering	6	Autumn
CIVL912	Engineering Hydrology	6	Autumn
CIVL958	Construction Management	6	Autumn
ENVE931	Membrane Processing and Applications	6	Autumn
MINE911	Studies in Surface Mining	6	Autumn

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as

eligibility for credit for prior learning, is available from the [Course Finder](#).

## Other Information

For further information please email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or [Academic Program Director](#)

Last reviewed: 23 January, 2019

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# 2019 Postgraduate Courses

Home

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Master of Engineering (Innovative Manufacturing) | 2019

### Course Structure

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">ENGG980</a>	Professional Communications and Engineering Workplace Practice	12	Annual, Autumn 2019/Spring 2020
<a href="#">ENGG950</a>	Innovation and Design	6	Autumn
<a href="#">MECH934</a>	Advanced Manufacturing Processes	6	Autumn
<a href="#">ENGG955</a>	Engineering Research Methods	6	Autumn, Spring
<a href="#">ENGG951</a>	Engineering Project Management	6	Spring
<a href="#">ENGG952</a>	Engineering Computing	6	Spring

MECH935	Integrated Manufacturing Systems	6	Spring
<b>Year 2</b>			
MMMB940	Advanced Project	12	Annual, Autumn 2019/Spring 2020
ENGG954	Strategic Management for Engineers and Technologists	6	Autumn
MECH950	Advanced Robotics	6	Spring
MATL938	Casting and Forming	6	Autumn
<b>Plus TWO Innovative Manufacturing Discipline Subjects</b>		12	Autumn, Spring
<b>Plus ONE General Elective or Innovative Manufacturing Discipline Subject</b>		6	Autumn, Spring

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [UOW Course Finder](#)

## Other Information

For further information please email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or [Academic Program Director](#)

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# 2019 Postgraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Master of Engineering (Materials Engineering) | 2019

### Course Structure

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">ENGG980</a>	Professional Communications and Engineering Workplace Practice	12	Annual. Spring 2019/Autumn 2020
<a href="#">ENGG950</a>	Innovation and Design	6	Autumn
<a href="#">MATL903</a>	Recent Developments in Materials	6	Autumn
<a href="#">ENGG955</a>	Engineering Research Methods	6	Autumn, Spring
<a href="#">ENGG951</a>	Engineering Project Management	6	Spring
<a href="#">ENGG952</a>	Engineering Computing	6	Spring

<b>Plus ONE Materials Engineering Discipline Subject</b>		6	Autumn, Spring
<b>Year 2</b>			
MMMB940	Advanced Project	12	Annual, Spring 2019/Autumn 2020
ENGG954	Strategic Management for Engineers and Technologists	6	Autumn
MATL913	Structural Analysis of Materials	6	Autumn
MATL952	Corrosion, Wear and Fatigue	6	Autumn
MATL972	Selection and Design of Materials	6	Spring
<b>Plus ONE Materials Engineering Discipline Subject</b>		6	Autumn, Spring
<b>Plus ONE General Elective Subject or Materials Engineering Discipline Subject</b>		6	Autumn, spring

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [UOW Course Finder](#)

## Other Information

For further information please email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or [Academic Program Director](#)

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# 2019 Postgraduate Courses

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Master of Engineering (Mechanical Engineering) | 2019

### Course Structure

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">ENGG980</a>	Professional Communications and Engineering Workplace Practice	12	Annual, Spring 2019/Autumn 2020
<a href="#">MECH934</a>	Advanced Manufacturing Processes	6	Autumn
<a href="#">ENGG950</a>	Innovation and Design	6	Autumn
<a href="#">ENGG955</a>	Engineering Research Methods	6	Autumn, Spring
<a href="#">ENGG951</a>	Engineering Project Management	6	Spring
<a href="#">ENGG952</a>	Engineering Computing	6	Spring

<b>and ONE General Elective or Mechanical Engineering Discipline elective subject</b>		6	Autumn, Spring
<b>Year 2</b>			
MMMB940	Advanced Project	12	Annual, Spring 2019/Autumn 2020
MECH928	Finite Element Techniques in Mechanical Engineering	6	Autumn
ENGG954	Strategic Management for Engineers and Technologists	6	Autumn
MECH935	Integrated Manufacturing Systems	6	Spring
<b>Plus TWO Mechanical Engineering Discipline elective subjects</b>		12	Autumn, Spring
<b>and ONE General Elective or Mechanical Engineering Discipline elective subject</b>		6	Autumn, Spring

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [UOW Course Finder](#)

## Other Information

For further information please email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or [Academic Program Director](#)

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# 2019 Postgraduate Courses

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Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Master of Engineering (Mechatronic Engineering) | 2019

### Course Structure

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">ENGG980</a>	Professional Communications and Engineering Workplace Practice	12	Annual
<a href="#">ENGG950</a>	Innovation and Design	6	Autumn
<a href="#">ENGG955</a>	Engineering Research Methods	6	Autumn, Spring
<a href="#">ENGG951</a>	Engineering Project Management	6	Spring
<a href="#">ENGG952</a>	Engineering Computing	6	Spring
<a href="#">MECH950</a>	Advanced Robotics	6	Spring
<b>Plus ONE Mechatronic Engineering</b>		6	Autumn,



<b>Discipline subject</b>			Spring
<b>Year 2</b>			
MMMB940	Advanced Project	12	Annual, Spring 2019/Autumn 2020
ENGG954	Strategic Management for Engineers and Technologists	6	Autumn
ECTE941	Intelligent Control	6	Autumn
MECH934	Advanced Manufacturing Processes	6	Autumn
<b>Plus TWO Mechatronic Engineering Discipline subjects</b>		12	Spring
<b>Plus ONE General Elective Subject or Mechatronic Engineering Discipline subject</b>		6	Spring

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [UOW Course Finder](#)

## Other Information

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# 2019 Postgraduate Courses

Home



**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Master of Engineering (Mining Engineering) | 2019

### Course Structure

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">ENGG980</a>	Professional Communications and Engineering Workplace Practice	12	Annual, Spring 2019/Autumn 2020
<a href="#">ENGG950</a>	Innovation and Design	6	Autumn
<a href="#">MINE911</a>	Studies in Surface Mining	6	Autumn
<a href="#">MINE916</a>	Mineral Valuation and Risk Analysis	6	Autumn
<a href="#">ENGG955</a>	Engineering Research Methods	6	Spring
<a href="#">MINE920</a>	Studies in Underground Mining	6	Spring

<b>Plus ONE elective subject from the list below*</b>			
<b>Year 2</b>			
CMEE940	Advanced Project	12	Annual
CMEE901	Tunnelling and Underground Construction	6	Not Available in 2019
MINE933	Advanced Mineral Resource Estimation Methods	6	Not Available in 2019
<b>Plus THREE of the following subjects:</b>			
MINE822	Foundations of Mine Planning and Design	6	Autumn
MINE824	Mineral Beneficiation	6	Autumn
MINE912	Environmental Control in Mines	6	Autumn
MINE961	Advanced Mining Safety	6	Spring
MINE923	Rock Mechanics	6	Spring
MINE929	Mine Planning and Development	6	Spring
<b>Plus ONE elective subject from the list below*</b>			
<b>*Elective Subjects:</b>			
CIVL958	Construction Management	6	Spring
ENGG951	Engineering Project Management	6	Spring
ENGG939	Engineering Logistics	6	Spring
ENGG957	Project Implementation and Outsourcing	6	Autumn
ENVE929	Site Contamination and Remediation Technologies	6	Spring
or other approved elective(s).			

# Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the

[UOW Course Finder](#)

## Other Information

For further information please email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or [Academic Program Director](#)

Last reviewed: 28 February, 2019

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# 2019 Postgraduate Courses

Home



**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Master of Engineering (Telecommunications Engineering) | 2019

### Course Structure

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">ENGG980</a>	Professional Communications and Engineering Workplace Practice	12	Annual, Spring 2019/Autumn 2020
<a href="#">ENGG950</a>	Innovation and Design	6	Autumn
<a href="#">ECTE955</a>	Advanced Laboratory	6	Autumn
<a href="#">ENGG955</a>	Engineering Research Methods	6	Autumn, Spring
<b>Plus ONE elective subjects from the list below:</b>			
<a href="#">ECT8333</a>	Microcontroller Architecture	6	Annual

	and Applications		
<a href="#">ECT8301</a>	Digital Signal Processing	6	Autumn
<a href="#">ECT8324</a>	Power Engineering 1	6	Autumn
<a href="#">ECT8363</a>	Communication Systems	6	Autumn
<a href="#">ECT8323</a>	Power Engineering 2	6	Spring
<a href="#">ECT8344</a>	Control Theory	6	Spring
<a href="#">ECT8364</a>	Data Communications	6	Spring
<b>Plus TWO elective subjects from the list below:</b>			
<a href="#">ECTE801</a>	Multimedia Signal Processing	6	Autumn
<a href="#">ECTE882</a>	Network Engineering	6	Autumn
<a href="#">ECTE865</a>	Wireless Communication Systems	6	Spring
<a href="#">ECTE896</a>	Optical Communication Systems	6	Not available in this year
<b>Year 2</b>			
<a href="#">ECTE940</a>	Advanced Project	12	Annual
<a href="#">ECTE906</a>	Advanced Signals and Systems	6	Autumn, Spring
<a href="#">ECTE967</a>	Mobile Networks	6	Autumn
<a href="#">ECTE992</a>	The Future Internet: Architectures and Communication Protocols	6	Spring
<b>Plus THREE elective subjects as specified below:</b>			
1 <a href="#">Professional Elective*</a>		6	Autumn, Spring
1 <a href="#">Technical Elective 900-level ECTE subject*</a>		6	Autumn, Spring

1 <a href="#">Technical Elective 900-level ECTE OR 1 Technical Elective non-ECTE subject*</a>	6	Autumn, Spring
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\* For advice on choosing the Professional and Technical Electives, please contact your [Academic Program Director](#).

## Professional and Technical Elective Subjects

Subject Code	Subject Name	Credit Points	Session(s)
<b>Technical Electives 900-level ECTE subjects:</b>			
<a href="#">ECTE902</a>	Optimum Signal Processing	6	Not offered in this year
<a href="#">ECTE903</a>	Image and Video Processing	6	Spring
<a href="#">ECTE921</a>	Power Quality and Reliability	6	Not offered in this year
<a href="#">ECTE923</a>	Power System Analysis	6	Autumn
<a href="#">ECTE927</a>	Renewable and Distributed Generation	6	Autumn
<a href="#">ECTE944</a>	Identification and Optimal Control	6	Not offered in this year
<a href="#">ECTE962</a>	Telecommunications System Modelling	6	Spring
<a href="#">ECTE967</a>	Mobile Networks	6	Autumn
<a href="#">ECTE987</a>	Optoelectronic Sensing	6	Autumn
<a href="#">ECTE992</a>	The Future Internet: Architectures and Communication Protocols	6	Spring
<b>Technical Electives 900-level non-ECTE subjects:</b>			
<a href="#">CSCI933</a>	Machine Learning Algorithms	6	Autumn



	and Applications		
CSCI935	Computer Vision Algorithms and Systems	6	Spring
MECH941	Micro/Nano Robotic Systems	6	Autumn
<b>Professional Electives:</b>			
ENGG951	Engineering Project Management	6	Spring
ENGG953	Modelling of Engineering Management Systems	6	Spring
ENGG954	Strategic Management for Engineers and Technologists	6	Autumn
ENGG956	Financial Management for Engineered Assets	6	Spring

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [UOW Course Finder](#)

## Other Information

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# 2019 Postgraduate Courses

Home □

□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Engineering | 2019

### PhD (Integrated) Subject Lists | 2019

- [Civil Engineering](#)
- [Computer Engineering](#)
- [Electrical Engineering](#)
- [Environmental Engineering](#)
- [Materials Engineering](#)
- [Mechanical Engineering](#)
- [Mechatronic Engineering](#)
- [Mining Engineering](#)
- [Telecommunications Engineering](#)

#### Civil Engineering

Subject Code	Subject Name	Credit Points	Session(s)
<b>Core Subjects</b>			
<a href="#">RESH900</a>	Fundamentals for HDR Writing	6	Autumn, Spring
<a href="#">CMEE940</a>	Advanced Project	12	Annual, Spring 2019/Autumn 2020

PLUS the relevant discipline subjects as listed below. These subjects may be varied with the approval of the Head of Postgraduate Studies.

<a href="#">CIVL904</a>	Sustainable Roads & Railway Engineering	6	Spring
<a href="#">CIVL909</a>	Advanced Foundation Engineering	6	Autumn
<a href="#">CIVL912</a>	Engineering Hydrology	6	Autumn
<a href="#">CIVL916</a>	Research Topics in Civil Engineering	6	Autumn, Spring
<a href="#">CIVL980</a>	Advanced Computer Applications	6	Autumn
<a href="#">CIVL981</a>	Special Topic A	6	Not available in 2019
<a href="#">ENVE929</a>	Site Contamination and Remediation Technologies	6	Spring

One of the following elective subjects may also be selected:

<a href="#">RESH802</a>	Responsible Research	6	Autumn
<a href="#">GWP 800</a>	Global Workplace Practice	6	Spring

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## Computer Engineering & Electrical Engineering

Subject Code	Subject Name	Credit Points	Session(s)
<b>Core Subjects</b>			
<a href="#">RESH900</a>	Fundamentals for HDR Writing	6	Autumn, Spring

ECTE940	Advanced Project	12	Annual, Spring 2019/Autumn 2020
PLUS the relevant discipline subjects listed below. These subjects may be varied with the approval of the Head of Postgraduate Studies.			
ECTE903	Image and Video Processing	6	Spring
ECTE912	Power Electronics and Drives	6	Spring
ECTE923	Power System Analysis	6	Autumn
ECTE926	Power Distribution Systems	6	Spring
ECTE927	Renewable and Distributed Generation	6	Autumn
ECTE931	Real-Time Computing	6	Not available in 2019
ECTE932	Computer Architecture	6	Spring
ECTE933	Embedded Systems	6	Autumn
ECTE935	Advanced Computer Architecture	6	Not available in 2019
ECTE941	Intelligent Control	6	Autumn
ECTE942	Computer Controlled Systems	6	Autumn
ECTE944	Identification and Optimal Control	6	Not available in 2019
ECTE962	Telecommunications System Modelling	6	Spring
ECTE965	Wireless Communication Systems	6	Spring

<a href="#">ECTE967</a>	Mobile Networks	6	Autumn
<a href="#">ECTE971</a>	Robotics and Flexible Automation	6	Spring
<a href="#">ECTE986</a>	Telecommunications Network Management	6	Not available in 2019
<a href="#">ECTE992</a>	Internet Networking Protocols	6	Spring
One of the following elective subjects may also be selected:			
<a href="#">RESH802</a>	Responsible Research	6	Autumn
<a href="#">GWP 800</a>	Global Workplace Practice	6	Spring

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## Environmental Engineering

Subject Code	Subject Name	Credit Points	Session(s)
<b>Core Subjects</b>			
<a href="#">RESH900</a>	Fundamentals for HDR Writing	6	Autumn, Spring
<a href="#">CMEE940</a>	Advanced Project	12	Annual, Spring 2019/Autumn 2019
PLUS the relevant discipline subjects as listed below. These subjects may be varied with the approval of the Head of Postgraduate Studies.			
<a href="#">ENGG953</a>	Modelling of Engineering Management Systems	6	Spring
<a href="#">ENGG956</a>	Financial Management for Engineered Assets	6	Spring
<a href="#">ENVE923</a>	Industrial Waste	6	Autumn

	Engineering and Cleaner Production		
<a href="#">ENVE925</a>	Water Quality Engineering and Management	6	Spring
<a href="#">ENVE926</a>	Air and Noise Pollution Management	6	Spring
<a href="#">ENVE927</a>	Environmental Engineering Processes Design	6	Spring
<a href="#">ENVE928</a>	Design of Urban Water Systems	6	Spring
<a href="#">ENVE929</a>	Site Contamination and Remediation Technologies	6	Spring
<a href="#">ENVE930</a>	Coastal, River and Groundwater Engineering	6	Autumn
<a href="#">ENVE931</a>	Membrane Processes and Applications	6	Autumn
<a href="#">MECH979</a>	Sustainable Transport and Engine Technology	6	Not available in 2019
One of the following elective subjects may also be selected:			
<a href="#">RESH802</a>	Responsible Research	6	Autumn
<a href="#">GWP 800</a>	Global Workplace Practice	6	Spring

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## Materials Engineering

Subject Code	Subject Name	Credit Points	Session(s)
<b>Core Subjects</b>			
<a href="#">RESH900</a>	Fundamentals for HDR	6	Autumn, Spring

	Writing		
MMMB940	Advanced Project	12	Annual, Spring 2019/Autumn 2020
PLUS the relevant discipline subjects as listed below. These subjects may be varied with the approval of the Head of Postgraduate Studies.			
ENGG909	The Science of Materials	6	Spring
ENGG953	Modelling of Engineering Management Systems	6	Spring
ENGG956	Financial Management for Engineered Assets	6	Spring
MATL903	Recent Developments in Materials	6	Autumn
MATL905	Metallic Materials	6	Autumn
MATL906	Ceramic Materials	6	Spring
MATL907	Polymeric Materials	6	Spring
MATL913	Structural Analysis of Materials	6	Autumn
MATL938	Casting and Forming	6	Autumn
One of the following elective subjects may also be selected:			
RESH802	Responsible Research	6	Autumn
GWP 800	Global Workplace Practice	6	Not available in 2019

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## Mechanical Engineering

Subject	Subject Name	Credit	Session(s)
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Code		Points	
<b>Core Subjects</b>			
RESH900	Fundamentals for HDR Writing	6	Autumn, Spring
MMMB940	Advanced Project	12	Annual, Spring 2019/Autumn 2020
PLUS the relevant discipline subjects as listed below. These subjects maybe varied with the approval of the Head of Postgraduate Studies.			
ENGG941	Sustainability for Engineers, Scientists and Professionals	6	Autumn
ENGG948	Sustainable Energy Technologies	6	Spring
ENGG953	Modelling of Engineering Management Systems	6	Spring
ENGG956	Financial Management for Engineered Assets	6	Spring
MATL972	Selection and Design of Materials	6	Spring
MECH913	Pneumatic Transport of Bulk Solids	6	Autumn
MECH918	Sustainable Energy in Buildings	6	Spring
MECH919	Advanced Topics in Mechanical Engineering 1	6	Spring
MECH928	Finite Element Techniques in Mechanical Engineering	6	Autumn
MECH934	Advanced Manufacturing Processes	6	Autumn

<a href="#">MECH935</a>	Integrated Manufacturing Systems	6	Spring
<a href="#">MECH949</a>	Advanced Computer Control of Machines and Processes	6	Autumn
<a href="#">MECH950</a>	Advanced Robotics	6	Spring
<a href="#">MECH979</a>	Sustainable Transport and Engine Technology	6	Not available in 2019
<a href="#">MECH980</a>	Automotive Dynamics	6	Not available in 2019
One of the following elective subjects may also be selected:			
<a href="#">RESH802</a>	Responsible Research	6	Autumn
<a href="#">GWP 800</a>	Global Workplace Practice	6	Not available in 2019

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## Mechatronic Engineering

Subject Code	Subject Name	Credit Points	Session(s)
<b>Core Subjects</b>			
<a href="#">RESH900</a>	Fundamentals for HDR Writing	6	Autumn, Spring
<a href="#">MMMB940</a>	Advanced Project	12	Annual, Spring 2019/Autumn 2020
PLUS the relevant discipline subjects as listed below. These subjects maybe varied with the approval of the Head of Postgraduate Studies.			
<a href="#">ECTE912</a>	Power Electronics and Drives	6	Not available in 2019



<a href="#">ECTE925</a>	Industrial Drives and Actuators	6	Not available in 2019
<a href="#">ECTE931</a>	Real-Time Computing	6	Not available in 2019
<a href="#">ECTE941</a>	Intelligent Control	6	Autumn
<a href="#">ENGG953</a>	Modelling of Engineering Management Systems	6	Spring
<a href="#">ENGG956</a>	Financial Management for Engineered Assets	6	Spring
<a href="#">MECH935</a>	Integrated Manufacturing Systems	6	Spring
<a href="#">MECH939</a>	Advanced Topics in Mechatronic Engineering	6	Not available in 2019
<a href="#">MECH941</a>	Micro/Nano Robotic Systems	6	Autumn
<a href="#">MECH949</a>	Advanced Computer Control of Machines and Processes	6	Autumn
<a href="#">MECH950</a>	Advanced Robotics	6	Spring
<a href="#">MECH980</a>	Automotive Dynamics	6	Not available in 2019
One of the following elective subjects may also be selected:			
<a href="#">RESH802</a>	Responsible Research	6	Autumn
<a href="#">GWP 800</a>	Global Workplace Practice	6	Not available in 2019

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## Mining Engineering

Subject Code	Subject Name	Credit Points	Session(s)
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<b>Core Subjects</b>			
<a href="#">RESH900</a>	Fundamentals for HDR Writing	6	Autumn, Spring
<a href="#">CMEE940</a>	Advanced Project	12	Annual, Spring 2019/Autumn 2019
PLUS the relevant discipline subjects as listed below. These subjects maybe varied with the approval of the Head of Postgraduate Studies.			
<a href="#">MINE912</a>	Environmental Control in Mines	6	Autumn
<a href="#">MINE916</a>	Mineral Valuation and Risk Analysis	6	Autumn
<a href="#">MINE923</a>	Rock Mechanics	6	Spring
<a href="#">MINE934</a>	Simulations of Mining Operations and Problems	6	Autumn
One of the following elective subjects may also be selected:			
<a href="#">RESH802</a>	Responsible Research	6	Autumn
<a href="#">GWP 800</a>	Global Workplace Practice	6	Spring

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## Telecommunications Engineering

Subject Code	Subject Name	Credit Points	Session(s)
<b>Core Subjects:</b>			
<a href="#">RESH900</a>	Fundamentals for HDR Writing	6	Autumn, Spring

ECTE940	Advanced Project	12	Annual, Spring 2019/Autumn 2020
PLUS the relevant discipline subjects as listed below. These subjects may be varied with the approval of the Head of Postgraduate Studies.			
ECTE903	Image and Video Processing	6	Spring
ECTE912	Power Electronics and Drives	6	Spring
ECTE923	Power System Analysis	6	Autumn
ECTE926	Power Distribution Systems	6	Spring
ECTE927	Renewable and Distributed Generation	6	Autumn
ECTE931	Real-Time Computing	6	Not available in 2019
ECTE932	Computer Architecture	6	Spring
ECTE933	Embedded Systems	6	Autumn
ECTE935	Advanced Computer Architecture	6	Not available in 2019
ECTE941	Intelligent Control	6	Autumn
ECTE942	Computer Controlled Systems	6	Autumn
ECTE944	Identification and Optimal Control	6	Not available in 2019
ECTE962	Telecommunications System Modelling	6	Spring
ECTE965	Wireless Communication Systems	6	Spring

<a href="#">ECTE967</a>	Mobile Networks	6	Autumn
<a href="#">ECTE971</a>	Robotics and Flexible Automation	6	Spring
<a href="#">ECTE986</a>	Telecommunications Network Management	6	Not available in 2019
<a href="#">ECTE992</a>	Internet Networking Protocols	6	Spring
One of the following elective subjects may also be selected:			
<a href="#">RESH802</a>	Responsible Research	6	Autumn
<a href="#">GWP 800</a>	Global Workplace Practice	6	Spring

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## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Other Arrangements

Students are advised to consult the [University's Higher Degree Research \(HDR\) Supervision and Resources Policy](#).

For further information about the Faculty's areas of research strength, please consult the [Faculty's website](#).

For more technical information about the degree progress, please consult the [Graduate Research School website](#).

For further information please email: [eis@uow.edu.au](mailto:eis@uow.edu.au)

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# 2019 Postgraduate Courses

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## Information & Communication Technology | 2019

### PhD (Integrated) Subject Lists | 2019

- ▣ [Computer Science & Software Engineering](#)
- ▣ [Information Systems & Technology](#)

#### Computer Science and Software Engineering

Subject Code	Subject Name	Credit Points	Session(s)
<b>Core Subjects</b>			
<a href="#">RESH900</a>	Fundamentals for HDR Writing	6	Autumn, Spring
<a href="#">CSCI991</a>	Project	12	Annual, Spring 2019/Autumn 2020
<a href="#">CSIT940</a>	Research Methodology	6	Autumn, Spring

PLUS the relevant discipline subjects as listed below. These subjects may be varied with the approval of the Head of Postgraduate Studies.

<a href="#">CSCI910</a>	Software Requirements, Specifications and Formal Methods	6	Autumn
<a href="#">CSCI920</a>	Contemporary Topics in Computer Science	6	Autumn
<a href="#">CSCI924</a>	Reasoning and Learning	6	Spring
<a href="#">CSCI926</a>	Software Testing and Analysis	6	Autumn
<a href="#">CSCI927</a>	Service-Oriented Software Engineering	6	Spring
<a href="#">CSCI935</a>	Computer Vision Algorithms and Systems	6	Spring
<a href="#">CSCI941</a>	Advanced Topics in Computer Science A	6	Not available in 2019
<a href="#">CSCI942</a>	Advanced Topics in Computer Science B	6	Not available in 2019
<a href="#">CSCI944</a>	Perception and Planning	6	Spring
<a href="#">CSCI946</a>	Big Data Analytics	6	Spring
<a href="#">CSCI964</a>	Computational Intelligence	6	Autumn
<a href="#">CSCI968</a>	Advanced Network Security	6	Autumn
One of the following elective subjects may also be selected:			
<a href="#">RESH802</a>	Responsible Research	6	Autumn
<a href="#">GWP 800</a>	Global Workplace Practice	6	Spring

## Information Systems & Technology

Subject Code	Subject Name	Credit Points	Session(s)
<b>Core Subjects</b>			

<a href="#">RESH900</a>	Fundamentals for HDR Writing	6	Autumn, Spring
<a href="#">CSIT940</a>	Research Methodology	6	Autumn, Spring
<a href="#">ISIT998</a>	Information Technology Research Report	12	Annual, Spring 2019/Autumn 2020
PLUS the relevant discipline subjects as listed below. These subjects maybe varied with the approval of the Head of Postgraduate Studies.			
<a href="#">ISI9332</a>	Business Process Management	6	Spring
<a href="#">ISIT901</a>	Information Systems and Strategy	6	Autumn
<a href="#">ISIT904</a>	Enterprise Architecture Design and Systems Integration	6	Spring
<a href="#">ISIT905</a>	Technology Management and Innovation	6	Not available in 2019
<a href="#">ISIT906</a>	Information Design and Content Management	6	Spring
<a href="#">ISIT908</a>	IT Governance and Organisational Issues	6	Autumn
<a href="#">ISIT917</a>	Business Intelligence and Knowledge Management	6	Autumn
<a href="#">ISIT918</a>	Strategic Network Management	6	Not available in 2019
<a href="#">ISIT919</a>	Knowledge Engineering	6	Autumn
<a href="#">ISIT924</a>	Simulation and Modelling	6	Not available in 2019
<a href="#">ISIT925</a>	Strategic Network Design	6	Spring
<a href="#">ISIT929</a>	Concepts and Issues in	6	Spring



	Healthcare Computing		
<a href="#">ISIT930</a>	Introduction to Health Informatics	6	Autumn
<a href="#">ISIT938</a>	eBusiness Technologies	6	Autumn
<a href="#">ISIT943</a>	Programming for Social Innovation	6	Spring
<a href="#">ISIT946</a>	Project and Change Management	6	Spring
<a href="#">ISIT950</a>	Systems Development Methodologies	6	Autumn
One of the following elective subjects may also be selected:			
<a href="#">RESH802</a>	Responsible Research	6	Autumn
<a href="#">GWP 800</a>	Global Workplace Practice	6	Spring

## Entry Requirements and Credit Arrangements

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# 2019 Postgraduate Courses

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## Mathematics & Applied Statistics PhD (Integrated) Subject List | 2019

### Mathematics & Applied Statistics

Subject Code	Subject Name	Credit Points	Session(s)
<b>Core Subjects</b>			
<a href="#">MATH907</a>	Research Methods	6	Autumn
<a href="#">INFO911</a>	Data Mining and Knowledge Discovery	6	Autumn
Choose ONE of the following two subjects:			
<a href="#">MATH991</a>	Project	12	Annual, Spring 2019/Autumn 2019
<a href="#">STAT991</a>	Project	12	Annual, Spring 2019/Autumn 2019

PLUS a schedule of subjects from the list below, approved by the

Head of Postgraduate Studies:			
<a href="#">INFO912</a>	Mathematics for Cryptography	6	Autumn
<a href="#">MATH902</a>	Solution to Differential Equations By One-Parameter Groups	6	Not available in 2019
<a href="#">MATH941</a>	Financial Calculus	6	Autumn
<a href="#">MATH942</a>	Numerical Methods in Finance	6	Spring
<a href="#">MATH943</a>	Practitioners' Seminars	0	Not available in 2019
<a href="#">HAS 940</a>	Statistics in Health Research	6	Not available in 2019
<a href="#">STAT901</a>	Modern Inference	6	Not available in 2019
<a href="#">STAT902</a>	Advanced Data Analysis	6	Autumn
<a href="#">STAT903</a>	Survey Design and Analysis	6	Spring
<a href="#">STAT904</a>	Statistical Consulting	6	Autumn
<a href="#">STAT906</a>	Experimental Design	6	Spring
<a href="#">STAT920</a>	Stochastic Methods in Finance	6	Autumn
One of the following elective subjects may also be selected:			
<a href="#">RESH802</a>	Responsible Research	6	Autumn
<a href="#">GWP 800</a>	Global Workplace Practice	6	Spring

## Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Other Information

Students are advised to consult the University's [Higher Degree Research \(HDR\) Supervision and Resources Policy](#).

For further information about the Faculty's areas of research strength, please consult the [Faculty's website](#).

For more technical information about the degree process, please consult the [Graduate Research School website](#).

For further information please email: [eis@uow.edu.au](mailto:eis@uow.edu.au)

Last reviewed: 29 October, 2018

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# 2019 Postgraduate Courses

Home

Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Physics & Medical Radiation Physics PhD (Integrated) Subject List | 2019

### Physics & Medical Radiation Physics

Students complete 48 credit points from either the physics or medical radiation physics subject list with approval from the Head of Postgraduate Studies.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Physics</b>			
<a href="#">PHYS967</a>	Research Project	12	Annual, Spring 2019/Autumn 2020
Plus SIX subjects (36 credit points) chosen from:			
<a href="#">PHY8466</a>	Research Methods	6	Annual
<a href="#">PHY8471</a>	Theoretical Mechanics	3	Autumn
<a href="#">PHY8472</a>	Relativity and Cosmology	3	Not available in 2019
<a href="#">PHY8473</a>	Electromagnetism	3	Autumn
<a href="#">PHY8474</a>	Quantum Mechanics	6	Spring

<a href="#">PHY8476</a>	Solid State Physics	6	Annual
<a href="#">PHYS969</a>	Electronic Materials	6	Spring
<a href="#">RESH900</a>	Fundamentals for HDR Writing	6	Autumn, Spring
Or other PHYS or MATH 900 level subjects		6	Autumn, Spring
<b>Medical Radiation Physics</b>			
<a href="#">PHYS967</a>	Research Project	12	Annual, Spring 2019/Autumn 2020
Plus SIX subjects (36 credit points) chosen from:			
<a href="#">PHY9325</a>	Electromagnetism	6	Autumn
<a href="#">PHYS961</a>	Radiobiology and Radiation Protection	6	Spring
<a href="#">PHYS962</a>	Medical Imaging	6	Autumn
<a href="#">PHYS963</a>	Nuclear Medicine	6	Spring
<a href="#">PHYS965</a>	Detection of Radiation	6	Autumn
<a href="#">PHYS966</a>	Physics of Radiotherapy	6	Autumn
<a href="#">RESH900</a>	Fundamentals for HDR Writing	6	Autumn, Spring
Or other PHYS or MATH 900 level subjects		6	Autumn, Spring

Plus one of the following elective subjects may also be chosen:

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">RESH802</a>	Responsible Research	6	Autumn
<a href="#">GWP 800</a>	Global Workplace	6	Not available in

## Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Other Information

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For further information about the Faculty's areas of research strength, please consult the [Faculty's website](#).

For more technical information about the degree progress, please consult the [Graduate Research School website](#).

For further information please email: [eis@uow.edu.au](mailto:eis@uow.edu.au)

Last reviewed: 29 October, 2018

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# 2019 Undergraduate Courses

Home

Students are to follow the requirements of the **Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Science (Atmospheric Science)

### Course Structure

To complete the Bachelor of Science (Atmospheric Science) students are required to complete:

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">PHYS141</a>	Fundamentals of Physics A	6	Autumn
<a href="#">MATH187</a>	Mathematics 1: Algebra and Differential Calculus	6	Autumn
<a href="#">CHEM101</a>	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
<b>OR</b>			
<a href="#">CHEM104</a>	Foundation Chemistry: Properties of Matter	6	Autumn

**NOTE: Students who have achieved a mark of 65% or more in**

**NSW HSC Chemistry (or equivalent) must select CHEM101. All other students must enrol in CHEM104.**

EESC105	Introductory Geospatial Analysis	6	Autumn, Spring
PHYS142	Fundamentals of Physics B	6	Spring
MATH188	Mathematics 2: Series and Integral Calculus	6	Spring
EESC102	Earth's Interconnected Spheres	6	Spring
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring

**OR**

CHEM105	Foundation Chemistry: Reactions and Structures	6	Spring
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**NOTE: Students who have achieved a mark of 65% or more in NSW HSC Chemistry (or equivalent) must select CHEM102. All other students must enrol in CHEM105.**

**NOTE: CHEM106 is required for students completing CHEM104 and CHEM105 as pre-requisite subjects for most 200-level CHEM subjects. CHEM106 will be counted as a Chemistry elective.**

**Year 2**

MATH202	Differential Equations: Analysis and Applications	6	Autumn
PHYS205	Advanced Modern Physics	6	Autumn
MATH201	Multivariate and Vector Calculus	6	Autumn
PHYS215	Vibrations, Waves & Optics	6	Autumn
PHYS235	Mechanics & Thermodynamics	6	Spring
PHYS225	Electromagnetism and Optoelectronics	6	Spring
STAT101	Introduction to Statistics	6	Spring

MATH203	Linear Algebra and Groups	6	Spring
<b>Year 3</b>			
PHYS305	Quantum Mechanics	6	Autumn
PHYS325	Electromagnetism	6	Autumn
CHEM337	Environmental Chemistry	6	Autumn
STAT201	Random Variables and Estimation	6	Autumn
PHYS385	Statistical Mechanics	6	Spring
STAT202	Statistical Inference and Introduction to Modelling	6	Spring
EESC207	Advanced Geospatial Analysis	6	Autumn, Spring
<b>Plus one of the following</b>			
PHYS402	Atmospheric Remote Sensing and Inverse Methods	6	Not available in 2019
PHYS403	Physics of Atmospheres and Oceans	6	Spring

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

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# 2019 Undergraduate Courses

Home

Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Science (Biomolecular Physics)

### Course Structure

To complete the Bachelor of Science (Biomolecular Physics) students are required to complete:

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">PHYS141</a>	Fundamentals of Physics A	6	Autumn
<a href="#">MATH187</a>	Mathematics 1: Algebra and Differential Calculus	6	Autumn
<a href="#">CHEM101</a>	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
<b>OR</b>			
<a href="#">CHEM104</a>	Foundation Chemistry: Properties of Matter	6	Autumn

**NOTE: Students who have achieved a mark of 65% or more in**



<b>NSW HSC Chemistry (or equivalent) must select CHEM101. All other students must enrol in CHEM104.</b>			
<a href="#">PHYS142</a>	Fundamentals of Physics B	6	Spring
<a href="#">MATH188</a>	Mathematics 2: Series and Integral Calculus	6	Spring
<a href="#">BIOL103</a>	Molecules, Cells and Organisms	6	Spring
<a href="#">CHEM102</a>	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
<b>OR</b>			
<a href="#">CHEM105</a>	Foundation Chemistry: Reactions and Structures	6	Spring
<b>NOTE: Students who have achieved a mark of 65% or more in NSW HSC Chemistry (or equivalent) must select CHEM102. All other students must enrol in CHEM105. CHEM106 is required for students completing <a href="#">CHEM104</a> and <a href="#">CHEM105</a> as pre-requisite subjects for most 200-level CHEM subjects.</b>			
<b>Plus an elective or</b>			
<a href="#">CHEM106</a>	Foundation Chemistry: Properties and Reactivity of Matter	6	Summer 2019/2020
<b>Year 2</b>			
<a href="#">MATH201</a>	Multivariate and Vector Calculus	6	Autumn
<a href="#">MATH202</a>	Differential Equations: Analysis and Applications	6	Autumn
<a href="#">PHYS205</a>	Advanced Modern Physics	6	Autumn
<a href="#">PHYS215</a>	Vibrations, Waves & Optics	6	Autumn
<a href="#">CHEM214</a>	Analytical and Environmental Chemistry	6	Spring
<a href="#">MATH203</a>	Linear Algebra and Groups	6	Spring
<a href="#">PHYS225</a>	Electromagnetism and	6	Spring

	Optoelectronics		
<a href="#">PHYS235</a>	Mechanics & Thermodynamics	6	Spring
<b>Year3</b>			
<a href="#">BIOL213</a>	Principles of Biochemistry	6	Autumn
<a href="#">CHEM324</a>	Chemical Analysis and Inference	6	Autumn
<a href="#">PHYS305</a>	Quantum Mechanics	6	Autumn
<a href="#">PHYS325</a>	Electromagnetism	6	Autumn
<a href="#">BNAN201</a>	Biology at the Nanoscale	6	Spring
<a href="#">CHEM325</a>	Bioinformatics:Genome, Genes and Biomolecules	6	Spring
<a href="#">PHYS369</a>	Imaging, Structure and Dynamics of Living and Soft Matter	6	Not available in 2019
<a href="#">PHYS385</a>	Statistical Mechanics	6	Spring

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

Last reviewed: 10 October, 2018

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# 2019 Undergraduate Courses

Home

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Science (Nuclear Science and Technology)

The objective of the Nuclear Science and Technology major is to provide the scientific knowledge and skills necessary for a successful career in areas such as health physicists, nuclear technicians and radiation employees. Expansion in the uranium mining industry and monitoring of mid and high-level radioactive storage facilities will require specific expertise. The course builds on the expertise of the Centre for Medical Radiation Physics in dosimetry and radiation monitoring as well as nuclear technology and waste disposal.

### Course Structure

To complete the Bachelor of Science (Nuclear Science and Technology) students are required to complete:

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">PHYS141</a>	Fundamentals of Physics A	6	Autumn
<a href="#">MATH187</a>	Mathematics 1: Algebra and Differential Calculus	6	Autumn

<a href="#">PHYS233</a>	Introduction to Environmental Physics	6	Autumn
<a href="#">CHEM101</a>	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
<a href="#">BIOL103</a>	Molecules, Cells and Organisms	6	Spring
<a href="#">PHYS142</a>	Fundamentals of Physics B	6	Spring
<a href="#">MATH188</a>	Mathematics 2: Series and Integral Calculus	6	Spring
<a href="#">PHYS295</a>	Astronomy - Concepts of the Universe	6	Spring
<b>Year 2</b>			
<a href="#">PHYS205</a>	Advanced Modern Physics	6	Autumn
<a href="#">MATH201</a>	Multivariate and Vector Calculus	6	Autumn
<a href="#">MATH202</a>	Differential Equations: Analysis and Applications	6	Autumn
<a href="#">PHYS215</a>	Vibrations, Waves & Optics	6	Autumn
<a href="#">PHYS255</a>	Radiation Physics	6	Spring
<a href="#">PHYS225</a>	Electromagnetism and Optoelectronics	6	Spring
<a href="#">PHYS235</a>	Mechanics & Thermodynamics	6	Spring
<a href="#">MATH203</a>	Linear Algebra and Groups	6	Spring
<b>Year 3</b>			
<a href="#">PHYS305</a>	Quantum Mechanics	6	Autumn
<a href="#">PHYS325</a>	Electromagnetism	6	Autumn
<a href="#">PHYS356</a>	Physics of Detectors and Imaging	6	Autumn
<a href="#">PHYS365</a>	Detection of Radiation: Neutrons, Electrons and X Rays	6	Autumn

<a href="#">PHYS375</a>	Nuclear Physics	6	Spring
<a href="#">PHYS376</a>	Nuclear Fuels Cycle	6	Spring
<a href="#">PHYS385</a>	Statistical Mechanics	6	Spring
<a href="#">PHYS396</a>	Electronic Materials	6	Spring

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

Last reviewed: 10 October, 2018

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# 2019 Undergraduate Courses

Home

Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Science (Physics)

### Course Structure

To complete the Bachelor of Science (Physics) students are required to complete:

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">PHYS141</a>	Fundamentals of Physics A	6	Autumn
<a href="#">MATH187</a>	Mathematics 1: Algebra and Differential Calculus	6	Autumn
<a href="#">PHYS142</a>	Fundamentals of Physics B	6	Spring
<a href="#">MATH188</a>	Mathematics 2: Series and Integral Calculus	6	Spring
<a href="#">PHYS114</a>	Analysis and modelling of physical systems	6	Spring
Plus 3 Elective subjects		18	Autumn, Spring



<b>Year 2</b>			
PHYS205	Advanced Modern Physics	6	Autumn
MATH201	Multivariate and Vector Calculus	6	Autumn
PHYS215	Vibrations, Waves & Optics	6	Autumn
MATH202	Differential Equations: Analysis and Applications	6	Autumn
PHYS235	Mechanics & Thermodynamics	6	Spring
MATH203	Linear Algebra and Groups	6	Spring
PHYS225	Electromagnetism and Optoelectronics	6	Spring
Elective		6	Spring
<b>Year 3</b>			
PHYS305	Quantum Mechanics	6	Autumn
PHYS325	Electromagnetism	6	Autumn
Plus TWO of the following subjects:			
PHYS335	Classical Mechanics	6	Autumn
PHYS356	Physics of Detectors and Imaging	6	Autumn
PHYS390	Relativity, Astrophysics, and Cosmology	6	Not available in 2019
PHYS375	Nuclear Physics	6	Spring
PHYS385	Statistical Mechanics	6	Spring
PHYS396	Electronic Materials	6	Spring
PHYS402	Atmospheric Remote Sensing and Inverse Methods	6	Spring

<a href="#">PHYS403</a>	Physics of Atmospheres and Oceans	6	Not available in 2019
Plus an additional 24 credit points of subjects taken from the Science or Engineering Schedules			
<b>Recommended Physics Electives</b>			
<a href="#">PHYS154</a>	Energy, Climate Change and Human Society	6	Autumn
<a href="#">PHYS155</a>	Introduction to Biomedical Physics	6	Spring
<a href="#">PHYS233</a>	Introduction to Environmental Physics	6	Autumn

## Pathway to Physics Honours

Students who wish to continue into Honours in Physics, further study in Physics, or just wish to complete additional Physics subjects, should complete the program of study below. It consists of subjects from the Physics major plus additional subjects.

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">PHYS295</a>	Astronomy - Concepts of the Universe	6	Spring
<a href="#">MATH204</a>	Complex Variables and Group Theory	6	Spring
<a href="#">MATH301</a>	Complex Analysis	6	Not available in 2019
<a href="#">PHYS356</a>	Physics of Detectors and Imaging	6	Autumn
<a href="#">PHYS375</a>	Nuclear Physics	6	Spring

<a href="#">PHYS385</a>	Statistical Mechanics	6	Spring
<a href="#">PHYS396</a>	Electronic Materials	6	Spring
Plus ONE of the following subjects:			
<a href="#">PHYS335</a>	Classical Mechanics	6	Autumn
<a href="#">PHYS390</a>	Relativity, Astrophysics, and Cosmology	6	Not available in 2019
Plus ONE elective			
<b>Recommended Physics Electives</b>			
<a href="#">PHYS154</a>	Energy, Climate Change and Human Society	6	Autumn
<a href="#">PHYS155</a>	Introduction to Biomedical Physics	6	Spring
<a href="#">PHYS233</a>	Introduction to Environmental Physics	6	Autumn

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Science (Physics and Mathematics)

This major provides students with a deeper understanding of the complementary areas of physics and mathematics. Students will be eligible for employment in areas requiring qualifications in physics and mathematics and will particularly equip them for work in areas where they will undertake mathematical modelling of physical systems, for example in meteorology.

### Course Structure

To complete the Bachelor of Science (Physics and Mathematics) students are required to complete:

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">PHYS141</a>	Fundamentals of Physics A	6	Autumn
<a href="#">MATH187</a>	Mathematics 1: Algebra and Differential Calculus	6	Autumn
<a href="#">MATH100</a>	Introduction to Mathematics	6	Autumn
<a href="#">CSIT110</a>	Fundamental Programming	6	Autumn

	with Python		
<a href="#">PHYS142</a>	Fundamentals of Physics B	6	Spring
<a href="#">MATH188</a>	Mathematics 2: Series and Integral Calculus	6	Spring
<a href="#">STAT101</a>	Introduction to Statistics	6	Spring
<a href="#">PHYS114</a>	Analysis and modelling of physical systems	6	Spring
<b>Year 2</b>			
<a href="#">PHYS205</a>	Advanced Modern Physics	6	Autumn
<a href="#">MATH201</a>	Multivariate and Vector Calculus	6	Autumn
<a href="#">PHYS215</a>	Vibrations, Waves & Optics	6	Autumn
<a href="#">MATH202</a>	Differential Equations: Analysis and Applications	6	Autumn
<a href="#">PHYS235</a>	Mechanics & Thermodynamics	6	Spring
<a href="#">MATH203</a>	Linear Algebra and Groups	6	Spring
<a href="#">PHYS225</a>	Electromagnetism and Optoelectronics	6	Spring
<b>Plus 6 credit points of elective subjects</b>			
<b>Year 3</b>			
<a href="#">PHYS305</a>	Quantum Mechanics	6	Autumn
<a href="#">PHYS325</a>	Electromagnetism	6	Autumn
<a href="#">MATH301</a>	Complex Analysis	6	Not available in 2019
<b>Plus three other 300 or 400 level subjects from the <a href="#">Mathematics Schedule of subjects</a></b>			
<b>Plus TWO of the following subjects:</b>			

<a href="#">PHYS335</a>	Classical Mechanics	6	Autumn
<a href="#">PHYS356</a>	Physics of Detectors and Imaging	6	Autumn
<a href="#">PHYS390</a>	Relativity, Astrophysics, and Cosmology	6	Not available in 2019
<a href="#">PHYS375</a>	Nuclear Physics	6	Spring
<a href="#">PHYS385</a>	Statistical Mechanics	6	Spring
<a href="#">PHYS396</a>	Electronic Materials	6	Spring
<a href="#">PHYS402</a>	Atmospheric Remote Sensing and Inverse Methods	6	Spring
<a href="#">PHYS403</a>	Physics of Atmospheres and Oceans	6	Not available in 2019

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the Course Finder.

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# 2019 Undergraduate Courses

Home

Students are to follow the requirements of the Handbook for the year they commenced the course.

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Mathematics and Finance (Honours) | 2019

Testamur Title of Degree:	Bachelor of Mathematics and Finance (Honours)
Abbreviation:	BMathFin(Hons)
UOW Course Code:	356
CRICOS Code:	085498K
Total Credit Points:	192
Duration:	4 years full-time or part-time equivalent
Home Faculty:	Faculty of Engineering and Information Sciences
Intake Session(s):	Autumn/Spring
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Wollongong / 756503

## Overview

Advanced skills in mathematics are essential to good decision-making in the world of finance. Graduates of this course have the skills to apply sophisticated mathematical and statistical techniques to real-world problems and are also encouraged to develop computing and communication skills, which are an asset in the employment market.

Students may complete the Bachelor of Mathematics and Finance (Honours) degree either with no declared major or with a declared major. The available majors are:

- Financial Planning
- Mathematical Economics
- Quantitative Corporate Finance and Investments
- Quantitative and Computational Trading
- Risk Management and Insurance

## Entry Requirements & Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Course Learning Outcomes

Course Learning Outcomes (CLOs) are statements of learning achievement that are expressed in terms of what the learner is expected to know, understand and be able to do upon completion of a course. Students graduating from this course will be able to:

CLO	Description
1	Demonstrate advanced theoretical and technical knowledge in mathematics, statistics and finance.
2	Integrate knowledge derived from finance and mathematics.
3	Demonstrate advanced cognitive and technical skills in mathematics, statistics and finance to select and apply mathematical to statistical methods to analyse and generate solutions to complex problems in finance.
4	Transmit mathematical, statistical and financial knowledge, skills and ideas to others.
5	Apply mathematical and statistical knowledge to professional practice in finance.
6	Apply professional, social and ethical approaches in learning to demonstrate autonomy and well-developed judgement as a financial

mathematician or statistician.
--------------------------------

## Course Structure

Students who enrol in the Bachelor of Mathematics and Finance (Honours) are required to satisfactorily complete at least 192 credit points of subjects, consisting of:

a. The following 120 credit points of core subjects;

Subject Code	Subject Name	Credit Points	Session(s)
<b>100-level</b>			
ACCY111	Accounting Fundamentals In Society	6	Autumn, Spring
ACCY112	Accounting In Organisations	6	Autumn, Spring, Summer 2019/2020
FIN 111	Introductory Principles of Finance	6	Autumn, Spring, Summer 2019/2020
MATH100	Introduction to Mathematics	6	Autumn
MATH187	Mathematics 1: Algebra and Differential Calculus	6	Autumn
MATH188	Mathematics 2: Series and Integral Calculus	6	Spring
STAT101	Introduction to Statistics	6	Spring
<b>200-level</b>			
FIN 222	Corporate Finance	6	Autumn, Spring
FIN 223	Investment Analysis	6	Autumn, Spring
MATH201	Multivariate and Vector Calculus	6	Autumn

MATH202	Differential Equations: Analysis and Applications	6	Autumn
MATH203	Linear Algebra and Groups	6	Spring
STAT201	Random Variables and Estimation	6	Autumn
STAT202	Statistical Inference and Introduction to Model Building	6	Spring
<b>300-level</b>			
FIN 322	Advanced Corporate Finance	6	Spring
MATH317	Financial Mathematics	6	Autumn
STAT332	Linear and Generalised Linear Models	6	Spring
<b>400-level</b>			
INFO401	Mathematics and Finance Honours Project	12	Annual, Spring 2019/Autumn 2020
MATH407	Research Methods	6	Autumn

b. If a major is declared, additional subjects which are specific to the major.

c. At least 48 credit points, additional to those in the table of core subjects, of 300- and/or 400-level subjects from the List of Electives; which must include:

- 18 credit points of MATH/STAT/INFO subjects,
- 18 credit points of ACCY/FIN/ECON subjects,
- 12 credit points of 400-level subjects, and
- at least one 400-level 6 credit point MATH/STAT/INFO subject.

d. Any subjects chosen from the List of Electives that are needed to bring the total to 192 credit points;

e. No more than 66 credit points at 100-level.

After completion of 144 credit points, students must attain an average of 65% or higher to continue into fourth year. Students who do not meet this

requirement will be transferred to the Bachelor of Mathematics and Finance and will be advised by the Academic Program Director of a program of study to complete the degree.

The classes of Honours awarded are defined in the [General Course Rules Section 8](#). The Honours grade will be calculated in accordance with Method 2.

## List of Electives

Subject Code	Subject Name	Credit Points	Session(s)
Any MATH, STAT, FIN or ECON subject plus the subjects below:			
<a href="#">ACCY200</a>	Financial Accounting IIA	6	Autumn, Spring
<a href="#">ACCY201</a>	Financial Accounting IIB	6	Spring, Summer 2019/2020
<a href="#">ACCY228</a>	Taxation for Financial Planners	6	Spring
<a href="#">CSIT113</a>	Problem Solving	6	Autumn
<a href="#">CSIT115</a>	Data Management and Security	6	Autumn, Spring
<a href="#">CSIT121</a>	Object Oriented Design and Programming	6	Autumn, Spring, Summer 2019/2020
<a href="#">CSCI235</a>	Database Systems	6	Autumn, Spring
<a href="#">CSCI251</a>	Advanced Programming	6	Autumn, Spring
<a href="#">INFO411</a>	Data Mining and Knowledge Discovery	6	Autumn
<a href="#">INFO412</a>	Mathematics for Cryptography	6	Autumn
<a href="#">LAW 101</a>	Introduction to Law	6	Autumn
<a href="#">MARK101</a>	Marketing Principles	6	Autumn, Spring, Summer 2019/2020

<a href="#">MGNT110</a>	Introduction to Management	6	Autumn, Spring, Summer 2019/2020
<a href="#">MGNT208</a>	Introduction to Management for Professionals A	6	Autumn

## The Majors and the No-major Option

All Bachelor of Mathematics and Finance (Honours) students must satisfy the Course Rules specified above. In particular, all students, both those who do not choose a major and those who do, must take the additional subjects which are specific to those options and are detailed via the links below, together with suggested programs of study.

For students taking no major:

- [Recommended program of study](#)

For students taking a major:

- [Financial Planning](#)
- [Mathematical Economics](#)
- [Quantitative Corporate Finance and Investments](#)
- [Quantitative and Computational Trading](#)
- [Risk Management and Insurance](#)

## Professional Recognition/Accreditation

The structure of the Bachelor of Mathematics and Finance (Honours) has changed significantly in 2019, and professional recognition and accreditation are currently being sought from the relevant professional bodies.

## Other Information

For further information email: [eis@uow.edu.au](mailto:eis@uow.edu.au) or the [Academic Program Director](#)

Last reviewed: 7 November, 2018

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# 2019 Undergraduate Courses

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□ **Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Science (Honours) (Dean's Scholar) (Biological Sciences) | 2019

The science of biology is the study of living things from organic molecules to cells, individual organisms, populations and communities. Field and laboratory studies are built into appropriate subjects at all levels and take advantage of the superb local marine, freshwater and terrestrial environments on the South Coast and inland regions.

You will study the major principles, concepts and technologies of modern Biology, including types of organisms, their classification and lifestyles; ecology of populations and communities; evolutionary biology and the origin of species.

A major in Biological Sciences can be taken in the fields of biochemistry, molecular biology, cell biology, immunology, comparative physiology, terrestrial ecology, marine biology, evolutionary biology and environmental biology.

Mid-year entry for the Bachelor of Science (Honours) (Dean's Scholar) (Biological Sciences) must be in consultation with the Head of the School. The minimum duration to complete the degree, if the program is commenced mid-year, is 4½ years full-time or part-time equivalent.

## Major Learning Outcomes

On successful completion of this major students will be able to:

1. Integrate coherent and advanced knowledge of principles and concepts



associated with biological sciences.

2. Demonstrate technical and cognitive skills in reviewing, analysing and synthesising data, methodologies and other information to independently generate solutions to complex problems.
3. Exercise critical thinking and judgement in developing and applying new understanding in biological sciences.
4. Communicate knowledge and ideas clearly and coherently to a variety of audiences.
5. Demonstrate initiative and judgement to adapt knowledge and skills that can be applied in research and/or scholarship associated with biological sciences.
6. Independently plan, execute and communicate the findings of a project/piece of research in relation to an aspect of biological sciences.
7. Apply knowledge of research principles and methods in experimental projects in biological sciences and through the authoring of scientific works.

## Course Structure

To qualify for award of the degree, the Bachelor of Science (Honours) (Dean's Scholar) (Biological Sciences), a candidate must successfully complete at least 192 credit points as outlined below

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn</b>			
<a href="#">BIOL104</a>	Evolution, Biodiversity and Environment	6	Autumn
<a href="#">BIOL105</a>	Functional Biology of Animals and Plants	6	Autumn
Select ONE of the following subjects:			
Note: Students who have achieved a mark of 65% or more in NSW HSC Chemistry or equivalent must select <a href="#">CHEM101</a> and <a href="#">CHEM102</a> . All other students must select <a href="#">CHEM104</a> and <a href="#">CHEM105</a> .			
<a href="#">CHEM101</a>	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
<a href="#">CHEM104</a>	Foundation Chemistry: Properties of Matter	6	Autumn

<b>Spring</b>			
<a href="#">BIOL103</a>	Molecules, Cells and Organisms	6	Spring
Select ONE of the following subjects:			
<a href="#">CHEM102</a>	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
<a href="#">CHEM105</a>	Foundation Chemistry: Reactions and Structures	6	Spring
Total for major at Year 1		30	
<a href="#">MATH151</a>	General Mathematics 1A*	6	Autumn
<p>Students who have not completed HSC Mathematics at Band 4 or higher (or equivalent) are required to complete a mathematics subject (MATH151 or equivalent) normally in the first year. Students should consider enrolling in <a href="#">STAT252</a> in Spring Session of First Year if <a href="#">MATH151</a> is not required.</p>			
<p>Note: Students wishing to take <a href="#">MARE200</a> should note that either EESC102: Earth Environments and Resources OR EESC103: Earth's Dynamic Surface is required as a prerequisite in addition to <a href="#">BIOL104</a> and <a href="#">CHEM102</a> or CHEM105.</p>			
<b>Year 2</b>			
<a href="#">STAT252</a>	Statistics For the Natural Sciences**	6	Spring
Plus 24 credit points of subjects from the following list:			
<p>Note: When selecting 200-level subjects students should note the pre-requisites required for the 300-level subjects they wish to take.</p>			
<a href="#">BIOL213</a>	Principles of Biochemistry	6	Autumn
<a href="#">BIOL240</a>	Biodiversity of Marine and Freshwater Organisms	6	Autumn
<a href="#">BIOL251</a>	Principles of Ecology	6	Autumn

MARE200	Introduction to Oceanography	6	Autumn
BIOL214	The Biochemistry of Energy and Metabolism	6	Spring
BIOL215	Introductory Genetics	6	Spring
BIOL241	Biodiversity of Terrestrial Organisms	6	Spring
BIOL252	Evolution and Behaviour	6	Spring
**If not completed in Year 1			
Total for major at Year 2		30	
<b>Year 3</b>			
All students majoring in Biological Sciences must take at least four 300-level subjects from the following lists. Recommended subject combinations are as follows:			
<b>Option 1: Choose Four of the following subjects:</b>			
BIOL343	Techniques in Biotechnology and Medical Research	6	Autumn
BIOL340	Cell and Molecular Biology	6	Autumn
BIOL362	Ecological and Evolutionary Physiology	6	Autumn
BIOL341	Immunity and Infection	6	Spring
BIOL342	Biomedical Research Skills and Techniques	6	Spring
CHEM325	Bioinformatics:Genome, Genes and Biomolecules	6	Spring
<b>Option 2: Choose Four of the following subjects:</b>			
BIOL362	Ecological and Evolutionary Physiology	6	Autumn

<a href="#">BIOL361</a>	Conservation Biology	6	Autumn
<a href="#">BIOL363</a>	Professional Skills in Ecology	6	Spring
<a href="#">BIOL365</a>	Marine and Terrestrial Biology	6	Spring
<a href="#">MARE360</a>	Fisheries and Aquaculture	6	Spring
Total for major at Year 3		24	
Students interested in studying subjects or combinations outside these options should discuss their choices with a Biological Sciences Course Advisor.			
<b>Year 4</b>			
Select either the full-time (48cp) or 48cp of the equivalent part-time subject (2 x 24cp) option below.			
<a href="#">BIOL401</a>	Biology Honours	48	SMAH Annual, SMAH Annual 2019/2020
<a href="#">BIOL407</a>	Biology Honours (Part-Time)	24	SMAH Annual, SMAH Annual 2019/2020
Total for major at Year 4		48	
Sub-total for major		132	
Plus additional subjects chosen from the <a href="#">Science Schedule</a>		6	
Total for major		138	
Plus elective subjects chosen from the Science or General Schedules		54	
<b>Degree Total</b>		<b>192</b>	

A Mathematics or Statistics subject acceptable to the School may be substituted for STAT252.

Special Biology Studies (BIOL292) and Advanced Biology (BIOL364) are 6 credit point project-based subjects and Advanced Biology (BIOL366) is a 12 credit point project-based subject. These subjects are available for high-achieving students wishing to complement their coursework with research projects. Please note, [BIOL292](#) is only available to students in the Dean's Scholar program. Entry into these subjects requires approval from the Head of School, Biological Sciences.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Other Information

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

Last reviewed: 19 February, 2019

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## Bachelor of Science (Honours) (Dean's Scholar) (Chemistry) | 2019

Chemistry is the study of the molecular nature of all matter and its interactions. The relationship between molecular structure and its properties and reactivity give chemistry an essential, central position in science and technology.

An understanding of chemistry is needed in many technical disciplines, including solid-state physics, astrophysics, engineering, molecular biology, various health sciences, geochemistry and environmental science.

At UOW you will study the fundamentals of chemistry with an emphasis on molecular structure and reactivity. You will gain an understanding of how chemistry impacts on the world around us and you will be able to perform chemical experiments safely and effectively, inorganic and organic synthesis, quantitative analysis, and investigations into the reactivity of proteins and nucleic acids. Special topics include spectroscopy, instrumental analysis and nanotechnology.

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## Major Learning Outcomes

On successful completion of this major students will be able to:

1. Demonstrate extensive and coherent knowledge of the principles and concepts associated with chemistry.
2. Demonstrate technical and cognitive skills associated with chemistry by locating, analysing and synthesising information to generate solutions to complex questions and problems.

- Exercise critical analysis of observations and data from primary and secondary sources.
- Integrate and apply knowledge and skills associated with the chemical sciences to plan and execute a substantial research project.
- Communicate knowledge and ideas clearly and coherently to others through a variety of media.
- Apply knowledge of research principles and research skills in a variety of research contexts.

## Course Structure

To qualify for award of the degree, the Bachelor of Science (Honours) (Dean's Scholar) (Chemistry), a candidate must successfully complete at least 192 credit points, in accordance with the table below.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<b>Autumn</b>			
<b>Please select ONE of the following two subjects:</b>			
Note: Students who have achieved a mark of 65% or more in NSW HSC Chemistry or equivalent must select CHEM101. All other students must select CHEM104.			
CHEM101	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
CHEM104	Foundation Chemistry: Properties of Matter	6	Autumn
<b>Spring</b>			
<b>Please select ONE of the following two subjects:</b>			
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
CHEM105	Foundation Chemistry: Reactions and Structures	6	Spring
<b>Summer</b>			



Only for students who have completed <a href="#">CHEM104</a> and CHEM105.			
<a href="#">CHEM106</a>	Foundation Chemistry: Properties and Reactivity of Matter	6	Summer 2019/2020
# Note: <a href="#">CHEM106</a> is required for students completing <a href="#">CHEM104</a> and <a href="#">CHEM105</a> as pre-requisite subjects for most 200-level CHEM subjects.			
Completion of <a href="#">CHEM106</a> does NOT count towards the minimum 144 credit points for the major.			
Total for major at Year 1: 12			
<a href="#">MATH151</a>	General Mathematics 1A	6	Autumn, Summer 2019/2020
* Note: Students should meet the minimum mathematics requirement before enrolling in <a href="#">CHEM213</a> - Molecular Structure, Reactivity and Change and/or <a href="#">CHEM214</a> - Analytical and Environmental Chemistry II			
<b>Year 2</b>			
<a href="#">CHEM211</a>	Inorganic Chemistry II	6	Autumn
<a href="#">CHEM212</a>	Organic Chemistry II	6	Autumn
<a href="#">CHEM213</a>	Molecular Structure, Reactivity and Change	6	Spring
<a href="#">CHEM214</a>	Analytical and Environmental Chemistry	6	Spring
<a href="#">CHEM218</a>	Special Chemistry Studies	6	Autumn, Spring, Summer 2019/2020
Total for major at Year 2: 30			
<b>Year 3</b>			
At least FOUR subjects taken from the following list:			

CHEM324	Chemical Analysis and Inference	6	Autumn
CHEM337	Environmental Chemistry	6	Autumn
CHEM374	Molecular Spectroscopy and Structure Elucidation	6	Autumn
CHEM370	Modern Inorganic and Bio-inorganic Chemistry	6	Spring
CHEM325	Bioinformatics:Genome, Genes and Biomolecules	6	Spring
CHEM360	Organic Synthesis III	6	Spring
<b>Recommended Elective</b>			
CHEM341	Chemistry Laboratory Project	6	Autumn, Spring, Summer 2019/2020
Total for major at Year 3: 24			
<b>Year 4</b>			
Select either the full-time (48cp) or 48cp of the equivalent part-time subject (2 x 24cp) option below.			
CHEM401	Chemistry Honours	48	Not available in 2019
CHEM407	Chemistry Honours (Part-Time)	24	Not available in 2019
Total for major at Year 4: 48			
Sub-total for major: 114			
Plus additional subjects chosen from the <a href="#">Science Schedule</a> : 30			
Total for major: 144			
Plus elective subjects chosen from the Science or General Schedules: 48			
<b>Degree Total 192</b>			

Please click the subject codes in the above table for information on sessions of offer for each subject at different locations. For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Other Information

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

Last reviewed: 10 November, 2018

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Science (Honours) (Dean's Scholar) (Geology) | 2019

In this course you will combine fieldwork, practical experience and research to develop knowledge of the composition of Earth and its resources and the processes that have impacted, moulded and continue to influence Earth systems. You will learn how to apply geological techniques (including geological and spatial mapping), and the identification of minerals, fossils, and rocks to understand the structure of the Earth and the location of its natural resources. This will equip you with the required knowledge of current issues in Geology and enable you to propose strategies and solutions to address these problems.

### Major Learning Outcomes

On successful completion of this major students will be able to:

1. Demonstrate broad and coherent knowledge and understanding of the trends, processes and impacts that shape the Earth and its environment including local, national, global, cultural, Indigenous and spatial perspectives.
2. Critically evaluate information and data to assess scientific methods and frameworks in geological sciences.
3. Develop hypotheses and experiments to test against evidence-based scientific facts, laws, principles and evidence.
4. Identify and articulate real world problems derived from the geological sciences.
5. Apply knowledge and appropriate techniques, including those associated with fieldwork, to evaluate possible solutions to real world problems and

defend choice of solution against alternatives.

6. Locate, synthesise and evaluate data, information, results and literature pertaining to geological sciences using appropriate methods, measurements, tools and technologies.
7. Communicate geological perspectives and knowledge effectively to a range of audiences using appropriate technologies and communication skills.
8. Demonstrate ethical, professional, public and personal conduct and capacity to reflect on and direct own learning and practice and participate constructively in decision-making within the context of geological science.
9. Independently plan and execute a research project in regard to Geology.

## Course Structure

To qualify for award of the degree, the Bachelor of Science (Honours) (Dean's Scholar) (Geology), a candidate must successfully complete at least 192 credit points, in accordance with the table below.

Subject Code	Subject Name	Credit Points	Session(s)
Year 1			
EESC101	Planet Earth	6	Autumn
EESC103	Earth's Dynamic Surface	6	Autumn
EESC102	Earth's Interconnected Spheres	6	Spring
EESC105	Introductory Geospatial Analysis	6	Autumn, Spring
Total for major at Year 1		24	
Recommended Electives			
MATH151	General Mathematics 1A	6	Autumn
SCIE103	Climate Change	6	Spring
Year 2			
EESC201	Earth's Inferno	6	Autumn
EESC207	Advanced Geospatial Analysis	6	Autumn, Spring

<a href="#">EESC209</a>	G-cubed: Geochemistry, Geochronology, Geophysics	6	Spring
<a href="#">EESC250</a>	Field Geology	6	Summer 2019/2020
Total for major at Year 2		24	
Recommended Electives			
<a href="#">EESC203</a>	Biogeography and Environmental Change	6	Autumn
<a href="#">EESC202</a>	Shaping Earth's Surface	6	Spring
Year 3 <sup>^</sup>			
<a href="#">EESC320</a>	Capstone:Earth and Environmental Sciences	6	Autumn, Spring
<a href="#">EESC321</a>	Plate Tectonics, Macrotopography and Earth History	6	Autumn
<a href="#">EESC326</a>	Resources and Environments	6	Spring
<a href="#">EESC332</a>	Sedimentology, Stratigraphy and Palaeoenvironments	6	Autumn
Total for major at Year 3		24	
Recommended Electives			
<a href="#">EESC323</a>	Fluvial Geomorphology and Sedimentology	6	Autumn
<a href="#">EESC322</a>	Coastal Environments: Process and Management	6	Spring
<a href="#">EESC328</a>	Dung, Death and Decay: Modern scientific methods in archaeology	6	Autumn
<a href="#">EESC331</a>	Changing Global Environments	6	Spring
Year 4			

Select either the full-time (48cp) or 48cp of the equivalent part-time subject (2 x 24cp) option below.			
<a href="#">EESC401</a>	Earth and Environmental Sciences Honours Full-time	48	SMAH Annual, SMAH Annual 2019/2020
<a href="#">EESC407</a>	Earth and Environmental Sciences Honours (Part-Time)	24	SMAH Annual, SMAH Annual 2019/2020
Total for major at Year 4		48	
Total for major: 120			
Plus elective subjects chosen from the <a href="#">Science</a> or General Schedules: 72			
<b>Degree Total: 192</b>			

\* Students who have not completed HSC Mathematics at Band 4 or higher (or equivalent) are required to complete a mathematics subject (MATH151 or equivalent) normally in the first year.

^ Students interested in a career in Geology are urged to take more than the minimum required 24 credit points of 300-level EESC subjects. A graduate with 30 credit points of 300-level EESC subjects has a more comprehensive Geology degree.

Please click the subject codes in the above table for information on sessions of offer for each subject at different locations. For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Other Information

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Bachelor of Science (Honours) (Dean's Scholar) (Physical Geography and Environmental Geosciences) | 2019

In this course you will combine fieldwork, practical experience and research to develop an understanding of how the dynamics of physical processes acting on the surface of the Earth create landscapes. You will also investigate the impacts and consequences of human existence on the landscape. You will learn how to apply techniques to study patterns and processes in the environment, including their spatial pattern and evolution over time. This will equip you with the required knowledge of current issues related to Physical Geography and Environmental Geosciences and allow you to use the acquired skills to propose strategies and solutions to these problems.

### Major Learning Outcomes

On successful completion of the Physical Geography and Environmental Geosciences major study, students will be able to:

1. Demonstrate broad and coherent knowledge and understanding of the trends, processes and impacts that shape the Earth and its environment including local, national, global, cultural, Indigenous and spatial perspectives.
2. Critically evaluate information and data to assess scientific methods and frameworks in physical geography and environmental geosciences.
3. Develop hypotheses and experiments to test against evidence-based scientific facts, laws, principles and evidence.
4. Identify and articulate real world problems derived from physical

geography and environmental geosciences.

5. Apply knowledge and appropriate techniques, including those associated with fieldwork, to evaluate possible solutions to real world problems and defend choice of solution against alternatives.
6. Locate, synthesise and evaluate data, information, results and literature pertaining to physical geography and environmental geosciences using appropriate methods, measurements, tools and technologies.
7. Communicate physical geography and environmental geoscience perspectives and knowledge effectively to a range of audiences using appropriate technologies and communication skills.
8. Demonstrate ethical, professional, public and personal conduct and capacity to reflect on and direct own learning and practice and participate constructively in decision-making within the context of physical geography and environmental geosciences.
9. Independently plan and execute a research project in regard to Physical Geography.

## Course Structure

To qualify for award of the degree, the Bachelor of Science Advanced (Honours) (Physical Geography and Environmental Geosciences), a candidate must successfully complete at least 192 credit points in accordance with the table below.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
EESC101	Planet Earth	6	Autumn
EESC103	Earth's Dynamic Surface	6	Autumn
EESC102	Earth's Interconnected Spheres	6	Spring
EESC105	Introductory Geospatial Analysis	6	Autumn, Spring
Total for major at Year 1		24	
Recommended Electives			
MATH151	General Mathematics 1A*	6	Autumn
SCIE103	Climate Change	6	Spring
GEOG122	Human Geography: Living in a Material World	6	Spring

<b>Year 2</b>			
<a href="#">EESC203</a>	Biogeography and Environmental Change	6	Autumn
<a href="#">EESC207</a>	Advanced Geospatial Analysis	6	Autumn, Spring
<a href="#">EESC202</a>	Shaping Earth's Surface	6	Spring
<a href="#">EESC209</a>	G-cubed: Geochemistry, Geochronology, Geophysics	6	Spring
Total for major at Year 2		24	
Recommended Electives:			
<a href="#">EESC201</a>	Earth's Inferno	6	Autumn
<a href="#">GEOG222</a>	Society and Environment: Resources, Challenges, Futures	6	Spring
<a href="#">EESC250</a>	Field Geology	6	Summer 2019/2020
<b>Year 3</b>			
<a href="#">EESC320</a>	Capstone:Earth and Environmental Sciences	6	Annual. Autumn, Spring.
<a href="#">EESC323</a>	Fluvial Geomorphology and River Management	6	Autumn. First offered in 2019
<a href="#">EESC322</a>	Coastal Environments: Process and Management	6	Spring. First offered in 2019
<a href="#">EESC331</a>	Changing Global Environments	6	Autumn. First offered in 2019
Total for major at Year 3		24	
Recommended Electives			

<a href="#">EESC321</a>	Plate Tectonics, Macrotopography and Earth History	6	Autumn. First offered in 2019
<a href="#">EESC328</a>	Dung, Death and Decay: modern scientific methods in archaeology	6	Autumn. First offered in 2019
<a href="#">EESC332</a>	Sedimentology, Stratigraphy and Palaeoenvironments	6	Autumn. First offered in 2019
<a href="#">GEOG332</a>	Environmental and Heritage Management	8	Spring
<a href="#">EESC326</a>	Resources and Environments	6	Spring. First offered in 2019
<b>Year 4</b>			
Select either the full-time (48cp) or 48cp of the equivalent part-time subject (2 x 24cp) option below.			
<a href="#">EESC401</a>	Earth and Environmental Sciences Honours Full-time	48	SMAH Annual, SMAH Annual 2019/2020
<a href="#">EESC407</a>	Earth and Environmental Sciences Honours (Part-Time)	24	SMAH Annual, SMAH Annual 2019/2020
Total for major at Year 4		48	
Total for major		120	
Plus elective subjects chosen from the <a href="#">Science</a> or General Schedules		72	
<b>Degree Total</b>		<b>192</b>	

\* Students who have not completed HSC Mathematics at Band 4 or higher (or equivalent) are required to complete a mathematics subject (MATH151 or equivalent) preferably in the first year.

Please click the subject codes in the above table for information on sessions

of offer for each subject at different locations. For information regarding timetables, tutorials, and classes please visit the [Timetables and Classes](#) page.

## Entry Requirements and Credit Arrangements

Information on academic and English language requirements, as well as eligibility for credit for prior learning, is available from the [Course Finder](#).

## Other Information

For further information please email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

Last reviewed: 19 February, 2019

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However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Environment Major (Bachelor of Science Double Degree Students) | 2019

The following program of study is only available to students who are completing the Environment major as part of a double degree.

This major study does not constitute an Environment major for the Bachelor of Science, therefore a student enrolled in the double degree who elects to transfer to a Bachelor of Science would need to complete additional subjects to complete the major.

Subject Code	Subject Name	Credit Points	Session(s)
<b>Year 1</b>			
<a href="#">BIOL104</a>	Evolution, Biodiversity and Environment	6	Autumn
Note: Students who have achieved a mark of 65% or more in NSW HSC Chemistry or equivalent must select <a href="#">CHEM101</a> and <a href="#">CHEM102</a> . All other students must select <a href="#">CHEM104</a> and <a href="#">CHEM105</a> .			
<a href="#">CHEM101</a>	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
<b>Or</b>			

CHEM104	Foundation Chemistry: Properties of Matter	6	Autumn
EESC105	Introductory Geospatial Analysis	6	Autumn, Spring
BIOL103	Molecules, Cells and Organisms	6	Spring
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
<b>Or</b>			
CHEM105	Foundation Chemistry: Reactions and Structures	6	Spring
EESC102	Earth's Interconnected Spheres	6	Spring
<b>Total for Year 1 36</b>			
<b>Year 2</b>			
BIOL251	Principles of Ecology	6	Autumn
EESC203	Biogeography and Environmental Change	6	Autumn
CHEM214	Analytical and Environmental Chemistry	6	Spring
<b>Plus one of the following:</b>			
BIOL105	Functional Biology of Animals and Plants	6	Autumn
BIOL252	Evolution and Behaviour	6	Spring
EESC202	Shaping Earth's Surface	6	Spring
EESC207	Advanced Geospatial Analysis	6	Autumn, Spring
<b>Total for Year 2 24</b>			
<b>Year 3</b>			
EESC323	Fluvial Geomorphology and Sedimentology	6	Autumn

EESC322	Coastal Environments: Process and Management	6	Spring
<b>Plus 18cp of subjects from the following list*:</b>			
CHEM337	Environmental Chemistry	6	Autumn
EESC331	Changing Global Environments	6	Spring
BIOL365	Marine and Terrestrial Ecology	6	Spring
STS 302	Climate Change Policy, Possible Futures	6	Autumn
EESC207	Advanced Geospatial Analysis	6	Autumn, Spring
BIOL361	Conservation Biology	6	Autumn
EESC332	Sedimentology, Stratigraphy and Palaeoenvironments	6	Autumn
CHEM324	Chemical Analysis and Inference	6	Autumn
EESC321	Plate Tectonics, Macrotopography and Earth History	6	Autumn
EESC209	G-cubed: Geochemistry, Geochronology, Geophysics	6	Spring
EESC326	Resources and Environments	6	Spring
BIOL252	Evolution and Behaviour	6	Spring
CHEM370	Modern Inorganic and Bio-inorganic Chemistry	6	Spring
GEOG337	Policy for Environmental and Heritage Management	6	Spring
<b>*A maximum of one 200 level subject can be taken from this list.Or other subjects approved by the Coordinator.</b>			
<b>Total for Year 3 30</b>			
<b>Total for Major 90</b>			



## Other Information

Further information is available at:

Email: [smah-students@uow.edu.au](mailto:smah-students@uow.edu.au)

Last reviewed: 10 November, 2018

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# 2019 Postgraduate Courses

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**Students are to follow the requirements of the Handbook for the year they commenced the course.**

However, the subject links below do not contain the subject information for the current year. You can view current subject information through the [new Course Handbook](#).

## Mechanical, Materials, Mechatronic and Biomedical (MMMB) Engineering Postgraduate Discipline Elective Subject List

### Discipline Elective Subjects

Select discipline elective subjects and general electives as specified in the course structure from the lists below:

[Asset Management](#)

[Innovative Manufacturing](#)

[Management](#)

[Materials Engineering](#)

[Mechanical Engineering](#)

[Mechatronic Engineering](#)

[General Electives](#)

Asset Management

Subject Code	Subject Name	Credit Points	Session(s)
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<a href="#">CIVL958</a>	Construction Management	6	Spring
<a href="#">ISIT901</a>	Information Systems and Strategy	6	Autumn
<a href="#">ISIT917</a>	Business Intelligence and Knowledge Management	6	Autumn
<a href="#">MBA 902</a>	Strategic Marketing Management	6	Trimester 1, Trimester 3
<a href="#">MBA 909</a>	Responsible Leadership Effectiveness	6	Trimester 1, Trimester 3
<a href="#">MGNT915</a>	Management of Change	6	Trimester 1, Trimester 2, Trimester 3
<a href="#">MGNT969</a>	Job Analysis, Recruitment and Selection	6	Trimester 1, Trimester 3
<a href="#">MGNT978</a>	Cross Cultural Management	6	Trimester 1, Trimester 2, Trimester 3

## Innovative Manufacturing

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">ENG8434</a>	Introduction to Materials Welding and Joining	6	Spring
<a href="#">ENGG909</a>	The Science of Materials	6	Spring
<a href="#">ENGG947</a>	Advanced Building Design for Energy Efficiency and Sustainability	6	Autumn
<a href="#">ENGG948</a>	Sustainable Energy Technologies	6	Spring
<a href="#">MATL903</a>	Recent Developments in Materials	6	Autumn

<a href="#">MATL906</a>	Ceramic Materials	6	Spring
<a href="#">MATL907</a>	Polymeric Materials	6	Spring
<a href="#">MATL913</a>	Structural Analysis of Materials	6	Autumn
<a href="#">MATL932</a>	Surface Engineering of Materials	6	Spring
<a href="#">MATL952</a>	Corrosion, Wear and Fatigue	6	Autumn
<a href="#">MATL972</a>	Selection and Design of Materials	6	Spring
<a href="#">MECH913</a>	Pneumatic Transport of Bulk Solids	6	Not available in 2019
<a href="#">MECH918</a>	Sustainable Energy in Buildings	6	Spring
<a href="#">MECH920</a>	Computational Methods for Fluid Dynamics	6	Spring
<a href="#">MECH925</a>	Advanced Fluid Power	6	Not available in 2019
<a href="#">MECH929</a>	Advanced Topics in Mechanical Engineering 2	6	Not available in 2019
<a href="#">MECH941</a>	Micro/Nano Robotic Systems	6	Autumn
<a href="#">MECH949</a>	Advanced Computer Control of Machines and Processes	6	Autumn
<a href="#">MECH950</a>	Advanced Robotics	6	Spring
<a href="#">MECH970</a>	Advanced Applied Topics in Mechatronics	6	Spring
<a href="#">MECH980</a>	Automotive Dynamics	6	Not available in 2019

## Management



Subject Code	Subject Name	Credit Points	Session(s)
CIVL958	Construction Management	6	Spring
ENGG960	Maintenance Requirement Analysis	6	Spring
ENGG961	Systems Reliability Engineering	6	Autumn
ISIT901	Information Systems and Strategy	6	Autumn
ISIT917	Business Intelligence and Knowledge Management	6	Autumn
MBA 902	Strategic Marketing Management	6	Trimester 1, Trimester 3
MBA 909	Responsible Leadership Effectiveness	6	Trimester 1, Trimester 3
MGNT915	Management of Change	6	Trimester 1, Trimester 2, Trimester 3
MGNT969	Job Analysis, Recruitment and Selection	6	Trimester 1, Trimester 3
MGNT978	Cross Cultural Management	6	Trimester 1, Trimester 2, Trimester 3

## Materials Engineering

Subject Code	Subject Name	Credit Points	Session(s)
ENG8434	Introduction to Materials Welding and Joining	6	Spring
ENGG909	The Science of Materials	6	Spring
MATL905	Metallic Materials	6	Autumn

<a href="#">MATL906</a>	Ceramic Materials	6	Spring
<a href="#">MATL907</a>	Polymeric Materials	6	Spring
<a href="#">MATL932</a>	Surface Engineering of Materials	6	Spring
<a href="#">MATL937</a>	Process Metallurgy	6	Autumn
<a href="#">MATL938</a>	Casting and Forming	6	Autumn
<a href="#">MECH925</a>	Advanced Fluid Power	6	Not available in 2019

## Mechanical Engineering

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">ENG8434</a>	Introduction to Materials Welding and Joining	6	Spring
<a href="#">ENGG909</a>	The Science of Materials	6	Spring
<a href="#">ENGG947</a>	Advanced Building Design for Energy Efficiency and Sustainability	6	Autumn
<a href="#">ENGG948</a>	Sustainable Energy Technologies	6	Spring
<a href="#">ENGG965</a>	Ocean Engineering	6	Autumn
<a href="#">MATL903</a>	Recent Developments in Materials	6	Autumn
<a href="#">MATL906</a>	Ceramic Materials	6	Spring
<a href="#">MATL907</a>	Polymeric Materials	6	Spring
<a href="#">MATL913</a>	Structural Analysis of Materials	6	Autumn
<a href="#">MATL932</a>	Surface Engineering of Materials	6	Spring
<a href="#">MATL952</a>	Corrosion, Wear and Fatigue	6	Autumn

<a href="#">MATL972</a>	Selection and Design of Materials	6	Spring
<a href="#">MECH913</a>	Pneumatic Transport of Bulk Solids	6	Not available in 2019
<a href="#">MECH918</a>	Sustainable Energy in Buildings	6	Spring
<a href="#">MECH920</a>	Computational Methods for Fluid Dynamics	6	Spring
<a href="#">MECH925</a>	Advanced Fluid Power	6	Not available in 2019
<a href="#">MECH929</a>	Advanced Topics in Mechanical Engineering 2	6	Not available in 2019
<a href="#">MECH941</a>	Micro/Nano Robotic Systems	6	Autumn
<a href="#">MECH949</a>	Advanced Computer Control of Machines and Processes	6	Autumn
<a href="#">MECH950</a>	Advanced Robotics	6	Spring
<a href="#">MECH970</a>	Advanced Applied Topics in Mechatronics	6	Spring
<a href="#">MECH980</a>	Automotive Dynamics	6	Not available in 2019

## Mechatronic Engineering

Subject Code	Subject Name	Credit Points	Session(s)
<a href="#">ECTE903</a>	Image and Video Processing	6	Spring
<a href="#">ECTE906</a>	Advanced Signals and Systems	6	Autumn, Spring
<a href="#">ECTE942</a>	Computer Controlled Systems	6	Autumn

<a href="#">ENG8434</a>	Introduction to Materials Welding and Joining	6	Spring
<a href="#">ENGG909</a>	The Science of Materials	6	Spring
<a href="#">ENGG947</a>	Advanced Building Design for Energy Efficiency and Sustainability	6	Autumn
<a href="#">ENGG948</a>	Sustainable Energy Technologies	6	Spring
<a href="#">MATL913</a>	Structural Analysis of Materials	6	Autumn
<a href="#">MATL952</a>	Corrosion, Wear and Fatigue	6	Autumn
<a href="#">MATL972</a>	Selection and Design of Materials	6	Spring
<a href="#">MECH913</a>	Pneumatic Transport of Bulk Solids	6	Not available in 2019
<a href="#">MECH918</a>	Sustainable Energy in Buildings	6	Spring
<a href="#">MECH920</a>	Computational Methods for Fluid Dynamics	6	Spring
<a href="#">MECH925</a>	Advanced Fluid Power	6	Not available in 2019
<a href="#">MECH929</a>	Advanced Topics in Mechanical Engineering 2	6	Not available in 2019
<a href="#">MECH941</a>	Micro/Nano Robotic Systems	6	Autumn
<a href="#">MECH949</a>	Advanced Computer Control of Machines and Processes	6	Autumn
<a href="#">MECH970</a>	Advanced Applied Topics in Mechatronics	6	Spring
<a href="#">MECH980</a>	Automotive Dynamics	6	Not available in 2019



<a href="#">MECH983</a>	Bulk Solids Handling (Storage and Flow)	6	Not available in 2019
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## General Electives

The General Electives include all of the core and elective subjects listed for the six majors above, as well as any other 800 or 900 level ENGG subjects. Note: some subjects have pre- and co-requisites.

For advice on discipline and elective subject choice contact your [Academic Program Director](#)

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